Publications and dissertations
concerning the synchrotron radiation and its applications, as well as related fields
by authors affiliated in Poland
v. 1.5a.

TABLE 2. PUBLICATIONS
SORTED ACCORDING TO THE FIRST AUTHOR

1.	Adamiak DA, Rypniewski WR, Milecki J, Adamiak RW.	The 1.19 angstrom X-ray structure of 2 '-O-Me(CGCGCG)(2) duplex shows dehydrated RNA with 2-methyl-2,4-pentanediol in the minor groove	Nucleic Acids Research 29 (20): 4144-4153 OCT 15 2001	2001	chemistry: biological
2.	Adamiak DA. Milecki J. Popenda M. Adamiak RW. Dauter Z. Rypniewski WR.	Crystal structure of 2'-O-Me(CGCGCG)(2), an RNA duplex at 1.30 angstrom resolution. Hydration pattern of 2'-O-methylated RNA	NUCLEIC ACIDS RES 25 (22): 4599-4607 NOV 15 1997	1997	chemistry: biological
3.	Addlagatta A. Krzywda S. Czapinska H. Otlewski J. Jaskolski M.	Ultrahigh-resolution structure of a BPTI mutant.	Acta Crystallographica D: Biological Crystallography 57(Pt 5):649-663, 2001	2001	crystallography: biological
4.	Adell M, Ilver L, Kanski J, Stanciu V, Svedlindh P, Sadowski J, Domagala JZ, Terki F, Hernandez C, Charar S	Postgrowth annealing of (Ga,Mn)As under As capping: An alternative way to increase T-C	Applied Physics Letters, vol.86 (11) (2005) 112501-1 - 3,	2005	physics: applied
5.	Adell M, L. Ilver, J. Kanski, J. Sadowski, R. Mathieu	Photoemission studies of the annealing induced modifications of (Ga,Mn)As	Physical Review B -Condensed Matter 70, 125204 (2004)	2004	physics: solid state
6.	Aggarwal MM, Agnihotri A, Ahammed Z, et al.	Freeze-out parameters in central 158A (GeVPb)-Pb-208+Pbcollisions	Physical Review Letters 83 (5): 926-9301999	1999	physics: general
7.	Aleksiyko R, Berkowski M, Byszewski P, et al.	Common features of gallium perovskites	Crystal Research & Technology 36 (8-10): 789-800 2001	2001	crystal growth
8.	Andreeva MA, Haggstrom L, Lindgren B, Kalska B, Blixt A.-M, Kamali S, Leupold O, Rüffer R	Nuclear resonant reflectivity investigations of a thin magnetic Fe-57 layer adjacent to a superconducting V layer	Hyperfine Interactions 156 (1): 607-613 JUN-SEP 2004	2004	surface
9.	Andreeva MA, Semenov VG, Haggstrom L, et al.	Standing wave effects in nuclear resonance Bragg reflectivity: Comparison of the energy and time scales and first experimental results	Hyperfine Interactions 136 (3): 687-693 2001	2001	surface
10.	Andriyevsky B, Esser N, Patryn A, Cobet C, Ciepluch-Trojanek W, Romanyuk M	Band structure and UV optical spectra of TGS crystals in the range of 4-10 eV	PHYSICA B 373 (2): 328-333 MAR 15 2006	2006	physics: general
11.	Andruszkow J., B. Aune, V. Ayvazyan, N. Baboi, R. Bakker, V. Balakin, D. Barni, A. Bazhan, M. Bernard,A. Bosotti, J.C. Bourdon, W. Brefeld, R. Brinkmann, S. Buhler, J.-P. Carneiro, M. Castellano, P. Castro, L. Catani, S. Chel, Y. Cho, S. Choroba, E.R. Colby, W. Decking, P. Den Hartog, M. Desmons, M. Dohlus, D. Edwards, H.T. Edwards, B. Faatz, J. Feldhaus, M. Ferrario, M.J. Fitch, K. Flttmann, M. Fouaidy, A. Gamp, T. Garvey, M. Geitz, E. Gluskin, V. Gretchko, U. Hahn, W.H. Hartung, D. Hubert, M. Hening, R. Ischebek, M. Jablonka, J.M. Joly, M. Juillard, T.	First observation of self-amplified spontaneous emission in a free-electron laser at 109 nm wavelength	Physical Review Letters, 85, 3825, (2000)	2000	physics: general

	Junquera, P. Jurkiewicz, M. Krfer, L. Kravchuk, G. Kreps, J. Krzywinski, T. Lokajczyk, R. Lange, B. Leblond, M. Leenen, J. Lesrel, M. Liepe, A. Liero, T. Limberg, R. Lorenz, Lu HuiHua, Lu Fu Hai, C.Magne, M.Malov, G. Materlik, A.Matheisen, J.Menzel, P. Michelato, W.-D. M ller, A. Mosnier, U.-C. Mller, O. Napoly, A. Novokhatski, M. Omeich, H.S. Padamsee, C. Pagani, F. Peters, B. Petersen, P. Pierini, J. Pfl ger, P. Piot, B. Phung Ngoc, L. Plucinski, D. Proch, K. Rehlich, S. Reiche, D. Reschke, I. Reyzl, J. Rosenzweig, J. Rossbach, S. Roth, E.L. Saldin, W. Sandner, Z. Sanok, H. Schlarb, G. Schmidt, P. Schmser, J.R. Schneider, E.A. Schneidmiller, H.-J. Schreiber, S. Schreiber, P. Sch tt, J.Sekutowicz, L. Serafini, D. Sertore, S. Setzer, S. Simrock, B. Sonntag, B. Sparr, F. Stephan, V.A. Sytchev, S. Tazzari, F. Tazzioli, M. Tigner, M. Timm, M. Tonutti, E. Trakhtenberg, R. Treusch, D. Trines, V. Verzilov, T. Vielitz, V. Vogel, G.v. Walter, R. Wanzenberg, T. Weiland, H. Weise, J. Weisend, M. Wendt, M. Werner, M.M. White, I. Will, K. Wittenburg, S. Wolff, M.V. Yurkov, K. Zapfe, P. Zhogolev, F. Zhou				
12.	Antonangeli F., Balzarotti A, N.Motta, Kisiel A, M.Piacentini, M.Zimnal - Starnawska, W.Giriat,	Structural Properties of $Cd_xMn_{1-x}Te$ by EXAFS	Proc. Internat. Conf. on EXAFS and Near Edge Structures, Frascati 1982, Springer-Verlag, Berlin 1983, p.224	1983	spectroscopy
13.	Appelshauser H, Bachler J, Bailey SJ, et al.	Baryon stopping and charged particle distributions in central Pb+Ph collisions at 158 GeV per nucleon	Physical Review Letters 82 (12): 2471-2475 1999	1999	physics: general
14.	Arabczyk W, Moszynski D, Narkiewicz U	The comparison of the different adsorption states of non-metals on the iron surface	Vacuum 54 (1-4): 3-7 JUL-SEP 1999	1999	cryst growth
15.	Asbrink S, Waskowska A, Gerward L, et al.	High-pressure phase transition and properties of spinel ZnMn2O4	Physical Review B -Condensed Matter 60 (18): 12651-12656 1999	1999	physics: solid state
16.	Asbrink S, Waskowska A, Krane HG, et al.	Effect of pressure on phase transitions in K1-xNaxMnF3 (x = 0.04)	Journal of Applied Crystallography 32: 174-177 Part 2 APR 1 1999	1999	crystallography
17.	Asbrink S,Waskowska, J.S. Olsen, L. Gerward	High-pressure phase of the cubic spinel NiMn2O4	Physical Review B -Condensed Matter, 57, 4972 (1998)	1998	physics: solid state
18.	Asklund H, L. Ilver, J. Kanski, J. Sadowski, and M. Karlsteen	Photoemission study of GaAs(100) grown at low temperature	Physical Review B -Condensed Matter 65, 115335 (2002)	2002	physics: solid state
19.	Asklund H, L. Ilver, J. Kanski, J. Sadowski, R. Mathieu	Photoemission studies of Ga1-xMnxAs: Mn concentration dependent properties	Physical Review B -Condensed Matter 66, 115319 (2002)	2002	physics: solid state
20.	Asklund H, L. Ilver, J. Kanski, S. Mankefors, U. Södervall, J. Sadowski	Thickness-dependent valence-band photoemission from thin InAs and GaAs films	Physical Review B -Condensed Matter 63 195314 (2001)	2001	physics: solid state

21.	Aune B, R. Bandelmann, D. Bloess, B. Bonin, A. Bosotti, M. Champion, C. Crawford, G. Deppe, B. Dwersteg, D. A. Edwards, H. T. Edwards, M. Ferrario, M. Fouaidy, P.-D. Gall, A. Gamp, A. Gössel, J. Graber, D. Hubert, M. Hüning, M. Juillard, T. Junquera, H. Kaiser, G. Kreps, M. Kuchnir, R. Lange, M. Leenen, M. Liepe, L. Lilje, A. Matheisen, W.-D. Möller, A. Mosnier, H. Padamsee, C. Pagani, M. Pekeler, H.-B. Peters, O. Peters, D. Proch, K. Rehlich, D. Reschke, H. Safa, T. Schilcher, P. Schmüser, J. Sekutowicz, S. Simrock, W. Singer, M. Tigner, D. Trines, K. Twarowski, G. Weichert, J. Weisend, J. Wojtkiewicz, S. Wolff, K. Zapfe	Superconducting TESLA cavities	Physical Review ST Accelearators Beams 3, 092001 (2000)	2000	sources, instruments
22.	Ayvazyan V, Baboi N., Bohnet I., Brinkmann R., Castellano M., Castro P., Catani L., Choroba S., Cianchi A., Dohlus M., Edwards H., Faatz B., Fateev A.A., Feldhaus J., Floettmann K., Gamp A., Garvey T., Genz H., Gerth C., Krzywiński J.,et al	A new powerful source for coherent VUV radiation: Demonstration of exponential growth and saturation at the TTF free-electron laser	European Physical Journal D, vol.20(1), 2002, pp. 149-156,	2002	physics: general
23.	Ayvazyan V, J.-P. Carneiro, P. Castro, B. Faatz, A.A. Fateev, J. Feldhaus, Ch. Gerth, V. Gretchko, B. Grigoryan, U. Hahn, K. Honkavaara, M. H uning, R. Ischebeck, U. Jastrow, R. Kammering, J. Menzel, M.Minty,D.Nolle, J. Pfl uger, Ph. Piot, L. Plucinski, K. Rehlich, J. Rossbach, E. L. Saldin, H. Schlarb, E. A. Schneidmiller, S. Schreiber, R. Sobierajski, B. Steeg, F. Stulle, K.P. Sytchev,K. Tiedtke, R. Treusch, H.Weise,M.Wendt, M.V.Yurkov	Study of the statistical properties of the radiation from a VUV SASE FEL operating in the femtosecond regime	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment) 507, 368-372 (2003)	2003	sources instruments
24.	Ayvazyan V., Baboi N., Bohnet I., Brinkmann R., Castellano M., Castro P., Catani L., Choroba S., Cianchi A., Dohlus M., Edwards H., Faatz B., Fateev A.A., Feldhaus J., Floettmann K., Gamp A., Garvey T., Genz H., Gerth C., Krzywiński J., et al.	Generation of GW radiation pulses from a VUV free-electron laser operating in the femtosecond regime	Physical Review Letters, 88 (10), 2002, 104802,	2002	physics: general
25.	Azioune A, Siroti F, Tanguy J, Jouini M, Chehimi MM, Miksa B, Slomkowski S	Interactions and conformational changes of human serum albumin at the surface of electrochemically synthesized thin polypyrrole films	Electrochimica Acta 50 (7-8): 1661-1667 2005	2005	chemistry
26.	Bacewicz R, A. Twarog, A. Malinowska, T.Wojtowicz, X. Liu, J.K. Furdyna	Local structure of Mn in (Ga,Mn)As probed by X-ray spectroscopy	Journal of Physics & Chemistry of Solids, in press (2005)	2005	physics & chemistry: solid state
27.	Bacewicz R, A.Wolska, J.Filipowicz and Lawniczak-Jablonska K,	XANES Study of CuInSe2 and In-rich Phases in Cu-In-Se System",	Jpn. J. Appl. Phys. Vol. 39 Supp. 39-1, pp. 413-414, 2000.	2000	physics: applied
28.	Bacewicz R, Antonowicz J	XAFS study of amorphous Al-RE alloys	Scripta Materialia 54 (6): 1187-1191 Mar 2006	2006	materials

29.	Bacewicz R, J. Filipowicz, S. Podsiadlo, T. Szyszko, M. Kaminski	Probing local order in (Ga,Mn)N alloys by X-ray absorption spectroscopy	Journal of Physics & Chemistry of Solids 64, 1469-1472 (2003)	2003	physics & chemistry: solid state
30.	Bacewicz R, M. Wasiucionek, A. Twarog, J. Filipowicz, P. Jozwiak, J. Garbarczyk	A XANES study of the valence state of vanadium in lithium vanadate phosphate glasses	Journal of Materials Science 40, 1-4 (2005)	2005	materials
31.	Bacewicz R, Wolska A, Lawniczak-Jablonska K, Sainctavit P.	X-ray absorption near-edge structure of CuInSe2 crystals.	Journal of Physics-Condensed Matter,12, 7371-7379, 2000.	2000	physics: condensed matter
32.	Baczewski L.T. , A. Wawro, J.B. Pełka, J. Domagała, A. Szewczyk and A. Nabiałek	Structure and magnetism of MBE-grown Co/Cu multilayers	Acta Physica Polonica A 91 (1997) 315-319.	1997	physics: general
33.	Baczmanski A, Braham C, Seiler W	Microstresses in textured polycrystals studied by the multireflection diffraction method and self-consistent model	Philosophical Magazine 83 (28): 3225-3246 OCT 1 2003	2003	physics: general
34.	Baczmanski A, Braham C, Seiler W, et al.	Multi-reflection method and grazing incidence geometry used for stress measurement by X-ray diffraction	SURF COAT TECH 182 (1): 43-54 APR 1 2004	2004	surface science
35.	Baier R, Dirks M, Redlich K	Photon and dilepton production from hot out-off-equilibrium media	ACTA PHYSICA POLONICA B 28 (12): 2873-2895 DEC 1997	1998	physics: general
36.	Bak-Misiuk J, Antonova IV, Misiuk A, Domagala J, Popov VP, Obodnikov VI, Hartwig J, Romano-Rodriguez A, Bachrouri A.	Strain in hydrogen and oxygen implanted silicon and SOI structures annealed at high pressure.	Journal of Alloys & Compounds, vol.328, 2001, pp.181-186.	2001	materials
37.	Bak-Misiuk J, Domagala J, Paszkowicz W, Trela J, Zytkiewicz ZR, Leszczynski M, Reginski K, Muszalski J, Hartwig J, Ohler M.	Effect of doping on Ga1-xAlxAs structural properties.	Acta Physica Polonica A vol.91, no.5, 1997 911-915.	1997	physics: general
38.	Bak-Misiuk J, Domagala J, Trela J, Leszczynski M, Misiuk A, Hartwig J, Prieur E.	Transformation of AlGaAs/GaAs interface under hydrostatic pressure.	Acta Physica Polonica A, vol.89, no.3, 1996, pp.405-409.	1996	physics: general
39.	Bak-Misiuk J, Misiuk A., J.Trela, Haertwig J., Surma B., Adamczewska J., Domagala J., Jun J., Koska T., Rozental M.	X-ray study of defect creation in high pressure treated Ni-contaminated Cz-Si	Synchrotron Radiation Studies of Materials, eds.: M. Lefeld-Sosnowska, J. Gronkowski, (Instytut Fizyki Doświadczalnej Uniwersytetu Warszawskiego, Warszawa, 1999), pp. 149-156	1999	sources instruments
40.	Bak-Misiuk J, Shalimov A, Misiuk A, Hartwig J, Trela J	Revealing the structural disturbances in Czochralski silicon by high temperature–pressure treatment.	Journal of Alloys & Compounds, Sep2005, Vol. 401 Issue 1/2, p64-68,	2005	materials
41.	Bak-Misiuk J., Adamczewska J., Misiuk A., Regiński K., Wierzchowski W., Wieteska K., Kozanecki A., Kuritsyn D., Glukhanyuk V., Trela J.,	X-ray study of strain relaxation in heteroepitaxial AlGaAs layers - annealed under high hydrostatic pressure	Acta Physica Polonica A vol.101 (5), 2002,. 689-699	2002	physics: general
42.	Bak-Misiuk J., Misiuk A., W. Paszkowicz, A. Shalimov, J. Härtwig, L. Bryja, J.Z. Domagala, J. Trela, W. Wierzchowski, K. Wieteska, J. Ratajczak, W. Graeff	Influence of high pressure and temperature on defect structure of silicon crystals implanted with N or Si ions	Journal of Alloys & Compounds, vol.362 (2004) 275-281	2004	materials

43.	Bak-Misiuk J., Shalimov A., Kaniewski J., Misiuk A., Dynowska E., Regiński K., Trela J., Przesławski T., Hartwig J.,	Stress-induced structural changes in thin InAs layers grown on GaAs substrate	Crystal Research & Technology, vol.38 (3-5), 2003, pp. 302-306,	2003	crystal growth
44.	Bak-Misiuk J., Shalimov A., Paszkowicz W., Misiuk A., Hartwig J., Adamczewska J., Trela J., Domagala J.Z., Dobosz D., Żytkiewicz Z.	Pressure-induced defect structure changes in thin AlGaAs layers	Journal of Alloys & Compounds, vol.362 (2004) 254-260	2004	materials
45.	Bala J, A. M. Oleś, J. Zaanen	Origin of band and localized electron states in photoemission of NiO	Physical Review B -Condensed Matter 61, 13573-13587 (2000	2000	physics: condensed matter
46.	Balzarotti A, Czyżyk M, Kisiel A, P. Letardi, N.Motta, Podgorny M, M.Zimnal -Starnawska	EXAFS of $Cd_{1-x}Zn_xTe$: A Test of the Random Distribution in Zincblende Ternary Alloys	Festkorperprobleme XXV, Advances in Solid State Physics, 25, 689. (1985)	1985	physics: solid state
47.	Balzarotti A, Kisiel A, N.Motta, M.Zimnal- Starnawska, M.Czyżyk, Podgorny M,	The Local Structure of Random Ternary Alloys by EXAFS	Progress in Crystal Growth and Characterisation 10, 55 (1985)	1985	crystal growth
48.	Balzarotti A, M. Czyzyk, A. Kisiel, N. Motta, M. Podgòrny, M. Zimnal-Starnawska	Local structure of ternary semiconducting random solid solutions: Extended x-ray-absorption fine structure of Cd1-xMnxTe	Physical Review B -Condensed Matter 30, 2295–2298 (1984)	1984	physics: solid state
49.	Balzarotti A, M.T.Czyżyk, Kisiel A, N.Motta, Podgorny M, M.Zimnal - Starnawska	The Local Structure of Random Ternary Alloys : Experiment versus Theory	Proc. 17 th Internat.Conf. on Physics of Semiconductors, San Francisco 1984 Ed. J.D.Chadi, W.A.Harrison 807 (1985)	1985	physics: solid state
50.	Balzarotti A, N. Motta, A. Kisiel, M. Zimnal-Starnawska, M. T. Czyzyk, M. Podgórny	Model of the local structure of random ternary alloys: Experiment versus theory	Physical Review B -Condensed Matter 31, 7526–7539 (1985)	1985	physics: solid state
51.	Banas A, K. Banas, G. Falkenberg,W.M. Kwiatek	Elemental mapping of prostate tissue by micro-SRIXE	Acta Physica Polonica A 2005/06	2005	physics: general
52.	Banas A, Kwiatek WM, Zajac W	Trace element analysis of tissue section by means of synchrotron radiation: the use of GNUPLOT for SRIXE spectra analysis	Journal of Alloys & Compounds 328 (1-2): 135-138 2001	2001	materials
53.	Bansil A, Kaprzyk S, Andrejczuk A, L. Dobrzyński, J. Kwiatkowska, F. Maniawski, and E. Żukowski	Compton study of Ni75Cu25 and Ni75Co25 disordered alloys: Theory and experiment	Physical Review B -Condensed Matter 57 (1): 314-323 1998	1998	physics: solid state
54.	Baranowska I, Barchanski L, Bak M, Smolec B, Mzyk Z	X-ray fluorescence spectrometry in multielemental analysis of hair and teeth	Polish Journal of Environmental Studies, 13 (6): 639-646 2004	2004	environmental sciences
55.	Barciszewska MZ. Rapp G. Betzel C. Erdmann VA. Barciszewski J.	Structural changes of tRNA and 5S rRNA induced with magnesium and visualized with synchrotron mediated hydroxyl radical cleavage	Molecular Biology Reports. 28(2):103-10, 2001	2002	biology
56.	Barla A, Sanchez JP, Ni B, Doyle BP, P. Vulliet, O. Leupold, R. Rüffer, D. Kaczorowski, J. Plessel, and M. M. Abd-Elmeguid	Effect of pressure on the magnetic properties of U(In1-xSnx)(3): Moment suppression in U(In0.6Sn0.4)(3)	Physical Review B -Condensed Matter 66 (9): Art. No. 094425 2002	2002	physics: solid state
57.	Barsov S, Bechstedt U, Borchert G, et al.	Measurement of subthreshold K+ production in pA collisions with ANKE	Acta Physica Polonica B 31 (10-11): 2159-2165 OCT-NOV 2000	2000	physics: general
58.	Bartnik A, Fiedorowicz H, Jarocki R, et al.	Micromachining of organic polymers by X-ray photo-etching using a 10 Hz laser-	MICROELECTRON ENG 78-79: 452-456 Sp. Iss. SI MAR 2005	2005	materials

	et al.	plasma radiation source	452-456 Sp. Iss. SI MAR 2005		
59.	Bartnik A, Fiedorowicz H, Jarocki R, Juha L, Kostecki J, Rakowski R, Szczurek M	Strong temperature effect on X-ray photo-etching of polytetrafluoroethylene using a 10 Hz laser-plasma radiation source based on a gas puff target	Applied Physics B: SERS O 82 (4): 529-532 MAR 2006	2006	sources instruments
60.	Bauer ED, T. Durakiewicz, M.T. Butterfield, Guziewicz E, J.J. Joyce, C.G. Olson, L.A. Morales, J.L. Sarrao, J.D. Thompson	Electronic structure of UCoGa5 and $PuCoGa_5$"	Materials Research Society Symposium Proceedings: submitted	2006	materials
61.	Bauer J, Plucinski L, Piraux B, Potvliege R, Gajda M, Krzywinski J.	Ionization of hydrogen atoms by intense vacuum ultraviolet radiation.	Journal of Physics B: Atomic Molecular & Optical Physics, vol.34, no.11, 2001, pp.2245-2254.	2001	physics: general
62.	Bech L, Onsgaard J, Hoffmann SV, et al.	CO dissociation on K-modified Cu(112) and Cu(117)	Surface Science 482: 243-249 Part 1 JUN 20 2001	2001	surface science
63.	Bednarczyk P, Banu A, Beck T, et al.	Status of the rising project at relativistic energies	Acta Physica Polonica B 36 (4): 1235-1244 APR 2005	2005	physics: general
64.	Bellin C, Dobrzynski L, Kouba H, et al.	Electron momentum density distribution in cobalt disilicide: Analysis by the maximum entropy method	Zeitschrift fur Physikalische Chemie 215: 1367-1387 Part 11 2001	2001	chemistry
65.	Bellin C, Honkimaki V., Reniewicz H., Zaleski P., Andrejczuk A., Dobrzyński L., Zukowski E., Kasprzyk S.,	A high-resolution Compton scattering study of hexagonal zinc	Journal of Alloys & Compounds, vol.362 (2004) 314-318,	2004	materials
66.	Benko E, Klimczyk P., Mackiewicz S., Barr T.L., Piskorska E.,	cBN-Ti3SiC2 composites	Diamond and Related Materials, vol.13, 2004, 521-525,	2004	materials
67.	Biehl H, Boyle KJ, Smith DM, Tuckett RP, Yoxall KR, Codling K, Hatherly PA, Stankiewicz M	Threshold photoelectron spectroscopy of BCl3 and fragmentation of the valence electronic states of BCl3+, studied by coincidence spectroscopies (vol 92, pg 185, 1996)	JOURNAL OF THE CHEMICAL SOCIETY-FARADAY TRANSACTIONS 92 (10): 1819-1819 MAY 21 1996 (addendum)	1996	chemistry: general
68.	Biehl H, Boyle KJ, Smith DM, Tuckett RP, Yoxall KR, Codling K, Hatherly PA, Stankiewicz M	Threshold photoelectron spectroscopy of BCl3 and fragmentation of the valence electronic states of BCl3+, studied by coincidence spectroscopies	JOURNAL OF THE CHEMICAL SOCIETY-FARADAY TRANSACTIONS T 92 (2): 185-192 JAN 21 1996	1996	chemistry: general
69.	Biesiadka J, Bujacz G, M.M.Sikorski, Jaskolski M	Crystal structures of two homologous pathogenesis-related proteins from yellow lupine.	Journal of Molecular Biology 319, 2002 1223-1234	2002	biology
70.	Bittner M, Juha L, Chvostova D., Letal V., Krasa J., Otcenasek Z., Kozlova M., Polan J., Prag A.R., Rus B., Stupka M., Krzywiński J., Andrejczuk A., Pelka J., Sobierajski R.H., Feldhaus J., Boody F.P., M.E. Grisham, G.O. Vaschenko, C.S. Menoni, J.J. Rocca	Comparing ablation induced by fs, ps and ns XUV-laser pulses	Proceedings of SPIE, (September 2004), High-Power Laser Ablation V; Claude R. Phipps; Ed., vol.5448, 2004, 827-836	2004	materials
71.	Bonarski JT, Zehetbauer M, Swiatek Z, et al.	Structural disturbances of near-surface areas in silicon solar cell modified by P+ ion implantation and thermal treatment	Opto-Electronics Review 8 (4): 323-327 DEC 2000	2000	opto

72.	Borek D, Jaskolski M	Crystallization and preliminary crystallographic studies of a new L-asparaginase encoded by the Escherichia coli genome.	Acta Crystallographica D: Biological Crystallography 56, (2000) 1505-1507.	2000	crystallography: biological
73.	Brefeld W, Faatz B, Feldhaus J, Korfer M, Krzywinski J, Moller T, Pflueger J, Rossbach J, Saldin EL, Schneidmiller EA, Schreiber S, Yurkov MV.	Generation of high power femtosecond pulses by a sideband-seeded X-ray FEL	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment), vol.483, 2002, pp. 62-69	2002	sources instruments
74.	Brefeld W, Faatz B., Feldhaus J., Korfer M., Krzywiński J., Moller T., Pflueger J., Rossbach J., Saldin E., Schneidmiller E., Schreiber J., Yurkov M.,	Development of a femtosecond soft X-ray SASE FEL at DESY	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment), vol.483, 2002, pp. 75-79	2002	sources instruments
75.	Brefeld W., Faatz B., Feldhaus J., Korfer M., Krzywiński J., Moller T., Pflueger J., Rossbach J., Saldin E., Schneidmiller E., Schreiber J., Yurkov M.,	Study of the frequency multiplication process in a multistage HGHG FEL	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment), vol.483 (1-2), 2002, pp. 80-88	2002	sources instruments
76.	Brefeld W., Faatz B., Feldhaus J., Korfer M., Krzywiński J., Moller T., Pflueger J., Saldin E., Schneidmiller E., Schreiber J., Yurkov M.,	Scheme for time-resolved experiments based on the use of statistical properties of the third harmonic of the SASE FEL radiation	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment), vol.507 (1-2), 2003, pp. 431-434	2003	sources instruments
77.	Brewczyk M, Rzazewski K	Over-the-barrier ionization of multielectron atoms by intense VUV free-electron laser	Journal of Physics B-AT MOL OPT 32 (1): L1-L4 JAN 14 1999	1999	physics: general
78.	Brewczyk M, Rzazewski K	Interaction of a multi-electron atom with intense radiation in the VUV range: beyond the conventional model for high harmonic generation	Journal of Physics B-AT MOL OPT 34 (9): L289-L296 MAY 14 2001	2001	physics: general
79.	Broda J	Influence of processing on structure of beta-nucleated poly(propylene) fibers	Journal of APPL POLYM SCI 91 (3): 1413-1418 FEB 5 2004	2004	materials
80.	Broda J, Slusarczyk C, Wlochowicz A	Influence of heat-stabilization on supermolecular structure of colored PP fibers	Journal of APPL POLYM SCI 73 (4): 477-488 JUL 25 1999	1999	materials
81.	Broda J, Wlochowicz A	Influence of pigments on super-molecular structure of polypropylene fibres	EUR POLYM J 36 (6): 1283-1297 JUN 2000	2000	materials
82.	Brown DE, Toellner TS, Sturhahn W, Alp E. E, Hu M, Kruk R, Rogacki K, Canfield PC	Partial phonon density of states of dysprosium and its compounds measured using inelastic nuclear resonance scattering	Hyperfine Interactions 153 (1-4): 17-24 2004	2004	surface
83.	Brzezinski K, B.Rogozinski, T.Stepkowski, Bujacz G, Jaskolski M	Cloning, purification, crystallization and preliminary crystallographic studies of Bradyrhizobium fucosyltransferase NodZ.	Acta Crystallographica D: Biological Crystallography 60, 2005 344-346.	2004	crystallography: biological
84.	Brzozowski AM, Derewenda U, Derewenda ZS, Dodson CG, Lawson DM, Turkenburg JP, Bjorkling F, Huge-Jensen B, Patkar SA, Thim L	A model for interfacial activation in lipases from the structure of a fungal lipase-inhibitor complex	Nature 351, 491-494 (06 Jun 1991)	1991	science: general

85.	Bujacz G, Jaskolski M, J.Alexandratos, A.Wlodawer, G.Merkel, R.A.Katz, A.M.Skalka	High-resolution Structure of the Catalytic Domain of Avian Sarcoma Virus Integrase.	Journal of Molecular Biology 253 (1995) 333-346.	1995	biology
86.	Bujacz GD, Pasternak O, Y.Fujimoto, Y.Hashimoto, M.M.Sikorski, Jaskolski M	Crystallization and preliminary crystallographic studies of cytokinin-specific binding protein from mung bean.	Acta Crystallographica D: Biological Crystallography 59, 2003 522-525	2003	crystallography: biological
87.	Burattini E, Kisiel A, R.Markowski, G.Dalba, W.Giriat,	X-ray absorption near edge structure (XANES) analysis of HgMnSe, HgFeSe and HgTeSe	Acta Physica Polonica 83, 107, (1993)	1993	physics: general
88.	Burian A	Extended X-ray absorption structure evidence for homopolar bonding in amorphous Cd-As and Zn-P,	Acta Physica Polonica A 82 (1992) 309-313	1992	physics: general
89.	Burian A	Determination of partial structure factors for amorphous Cd-As films by anomalous wide angle x-ray scattering using synchrotron radiation,	Zastosowania promieniowania synchrotronowego, ed.: E. Sobczak, wyd. Fundacji im. Wojciecha Świętosławskiego, Gliwice, 1995, str. 51- 56.	1995	sources instruments
90.	Burian A	Structure refinement of amorphous Cd-As by analysis of partial radial distribution functions,	Acta Physica Polonica A, (1997) 91, 917-921.	1997	physics: general
91.	Burian A	Partial structure factors of amorphous Cd59As41 and Cd26As74 by anomalous wide angle x-ray scattering,	Journal of Non-Crystalline Solids, (1998) 223, 91-104.	1998	materials
92.	Burian A, Dore JC	Does carbon prefer flat or curved surfaces?	Acta Physica Polonica A, (2000) 98, 457-468.	2000	physics: general
93.	Burian A, Dore JC, Fischer HE, V. Honkimaki, J. B. Nagy, T. Kyotani, J. Sloan, A.Szczygielska,	Neutron and high energy X-ray scattering studies of carbon nanotubes,	Proceedings 5th National Symposium of Synchrotron Radiation Users, eds.: M. Lefeld-Sosnowska, J. Gronkowski, Uniwersytet Warszawski, 1999, str. 7-19.	1999	sources instruments
94.	Burian A, Dore JC, Hannon AC, Honkimaki V	Complementary studies of structural characteristics for carbon materials with X-rays and neutrons	Journal of Alloys & Compounds 401 (2005)18-23	2005	materials
95.	Burian A, Dore JC, Kyotani T, Honkimaki V	Structural studies of oriented carbon nanotubes In alumina channels using high-energy X-ray diffraction	Carbon 43 (2005) 2723-2729	2005	materials
96.	Burian A, Ibanez A, D. Raoux	Determination of partial structure factors for amorphous materials by anomalous X-ray scattering,	Bulletin of the Czech and Slovak Crystallographic Association, „Materials Structure in Chemistry, Biology, Physics and Technology, eds.: R. Kuzel, J. Lhotka, L. Dobiasova, (1998) vol. 5, issue A, str. 63-64.	1998	science: general
97.	Burian A, Jablonska A, A.M. Burian, D. LeBolloc'h, H. Metzger, O. Proux, J.L. Hazemann,A. Mosset, D. Raoux,	Application of third generation synchrotron source to studies of non-crystalline materials: In-Se amorphous films,	Acta Physica Polonica A, (2002) 101, 701-708.	2002	physics: general
98.	Burian A, Lecante P, Mosset A, J. Galy	Short range order in noncrystalline cadmium arsenide films studied by EXAFS,	International Journal of Materials and Product Technology (1991) 1, 625-635.	1991	technology

99.	Burian A, Lecante P, Mosset A, J. Galy	EXAFS studies of short range order in amorphous Zn-P films,	Philosophical Magazine B (1992) 66, 727-736.	1992	physics: general
100.	Burian A, Lecante P, Mosset A, J. Galy, J. M. Tonnerre, D. Raoux,	Structural studies of amorphous Cd59As41 and Cd26As74 by anomalous X-ray scattering,	Journal of Non-Crystalline Solids (1993) 164-166, 151-154.	1993	materials
101.	Burian A, Lecante P, Mosset A, J. Galy, J. M. Tonnerre, D. Raoux,	Application of differential anomalous x-ray scattering to structural studies of amorphous Cd59As41 and Cd26As74 using synchrotron radiation,	Universitatis Iagellonicae Folia Physica [Zeszyty Naukowe Uniwersytetu Jagiellońskiego] (1994) XXXVI, 23-27.	1994	physics: solid state
102.	Burian A, Lecante P, Mosset A, J. Galy, J. M. Tonnerre, D. Raoux,	Interpretation of differential anomalous x-ray scattering data for amorphous Cd-As,	Acta Physica Polonica A 86 (1994) 633-640.	1994	physics: general
103.	Burian A, Lecante P, Mosset A, J. Galy, J. M. Tonnerre, D. Raoux,	Differential anomalous x-ray scattering studies of amorphous Cd59As41 and Cd26As74,	Journal of Non-Crystalline Solids, (1997) 212, 23-39.	1997	materials
104.	Burian A, Szczygielska A, J. Koloczek, J.C. Dore, V. Honkimaki, S. Duber,	Curved surfaces in disordered carbons by high energy X-ray scattering,	Acta Physica Polonica A, (2002) 101, 751-759.	2002	physics: general
105.	Butterfield MT, T. Durakiewicz, Guziewicz E, J.J. Joyce and A.J. Arko, D.P.Moore and L.A. Morales	Photoemission and Surface Science of delta Plutonium	Surface Science 571 (2004) 74-82	2004	surface science
106.	Butterfield MT, T. Durakiewicz, Guziewicz E, J.J. Joyce, D.P. Moore, A.J. Arko, L.A. Morales	Electronic Structure and Surface Science of delta Plutonium"	MRS Symposium Proceedings, "Actinides-Basic Science, Applications and Technology", vol. 802 (2004) 81	2004	materials
107.	Butterfield MT, T. Durakiewicz, J.J. Joyce, Guziewicz E, A.J. Arko, K.S. Graham, D.P. Moore, L.A. Morales, I. Prodan, J. A. Sordo, K. N. Kudin, G.E, Scuseria and R.L Martin	Defining the electronic structure of surface oxides",	Actinide Research Quarterly 3 (2004) 22-28	2004	materials
108.	Butterfield MT, T. Durakiewicz, J.J. Joyce, I.D. Prodan, G.E. Scuseria, Guziewicz E, J.A. Sordo, K.N. Kudin, R.L. Martin, A.J. Arko, K.S. Graham, D.P. Moore, and L.A. Morales	A comparison of hybrid density functional theory with photoemission of surface oxides of delta plutonium"	Surface Science 600 (2006) 1637-1640	2006	surface science
109.	Campbell L, L. Hedin, J.J. Rehr, W. Bardyszewski	Interference between extrinsic and intrinsic losses in x-ray absorption fine structure	Physical Review B -Condensed Matter 65, 064107 (2002)	2002	physics: condensed matter
110.	Carpentier P, Berthet-Colominas C, Capitan M, et al.	Anomalous X-ray diffraction with soft X-ray synchrotron radiation	CELL MOL BIOL 46 (5): 915-935 JUL 2000	2000	biology
111.	Carpentier P, Capitan M, Chesne ML, et al.	Anomalous diffraction with soft X-ray synchrotron radiation: DANES from pentakismethylammonium undecachlorodibismuthate at the K absorption edge of chlorine	Journal of Alloys & Compounds 328 (1-2): 64-70 2001	2001	materials
112.	Chen WM, McNally PJ, Jacobs K, et al.	Determination of crystal misorientation in epitaxial lateral overgrowth of GaN	Journal of Crystal Growth 243 (1): 94-102 AUG 2002	2002	crystal growth
113.	Chesnel K, Van Der Laan G, Livet F, Beutier G, Marty A, Belakhovsky M, Haznar A, Collins SP	Hysteresis effect in FePd magnetic stripes studied by coherent soft X-ray resonant magnetic scattering.	Journal of Synchrotron Radiation, 2004, 11 Issue 6, p469-475,	2004	sources instruments

114.	Cholewa M, Dillon C, Lay P, et al.	High resolution nuclear and X-ray microprobes and their applications in single cell analysis	Nuclear Instruments and Methods in Physics Research, Section B (Beam Interactions with Materials and Atoms) 181: 715-722 JUL 2001	2001	sources instruments
115.	Christensen SV, Nerlov J, Godowski PJ, et al.	Photoemission and high resolution electron energy loss spectroscopy study of CO/K/Cu(110)	Journal of Chemical Physics 104 (23): 9613-9619 JUN 15 1996	1996	physics: chemical
116.	Chwiej J, Fik-Mazgaj K, Szczerbowska-Boruchowska M, Lankosz M, Ostachowicz J, Adamek D, Simionovici A, Bohic S	Classification of nerve cells from substantia nigra of patients with Parkinson's disease and amyotrophic lateral sclerosis with the use of X-ray fluorescence microscopy and multivariate methods	Analytical Chemistry 77 (9): 2895-2900 MAY 1 2005	2005	chemistry
117.	Chwiej J, Szczerbowska-Boruchowska M, Lankosz M, Wojcik S, Falkenberg G, Stegowski Z, Setkowicz Z	Preparation of tissue samples for X-ray fluorescence microscopy	Spectrochimica Acta B 60 (12): 1531-1537 2005	2005	spectroscopy
118.	Chwiej J, Szczerbowska-Boruchowska M, Wojcik S, Lankosz M, Chlebda M, Adamek D, Tomik B, Setkowicz Z, Falkenberg G, Stegowski Z, Szczudlik A.	Implementation of X-ray fluorescence microscopy for investigation of elemental abnormalities in central nervous system tissue	Journal of Alloys & Compounds 401 (1-2): 184-188 2005	2005	materials
119.	Cianci M, Helliwell JR, Moorcroft D, et al.	The role of wavelength and source in the search for sulfur-atom positions evaluated in two case studies: lysozyme at room temperature and cryo apocrustacyanin A1	Journal of Applied Crystallography 37: 555-564 Part 4 AUG 2004	2004	crystallography
120.	Cianci M, Helliwell JR, Moorcroft D, Olczak A, Raftery J, Rizkallah PJ	The role of wavelength and source in the search for sulfur-atom positions evaluated in two case studies: lysozyme at room temperature and cryo apocrustacyanin A1.	Journal of Applied Crystallography, Aug2004, Vol. 37 Issue 4, p555-564	2004	crystallography
121.	Ciosek J, P. Pankowski, J.B. Pełka, W. Paszkowicz, L.T. Baczewski	Badania warstw HfO_2 metodą AFM i metodami rentgenowskimi	Elektronika 8-9/2001, str. 60-62	2001	technology
122.	Ciosek J, P. Pankowski, W. Paszkowicz, J.B. Pełka, J. Marczak, R. Ostrowski, L.T. Baczewski	Badanie wybranych warstw optycznych metodą AFM i metodami komplementarnymi	Inżynieria Materiałowa nr 6, (listopad-grudzień 2001).	2001	technology
123.	Cointe MBL, Collet E, Guerin L, Lemee-Cailleau MH, Cailleau H, Wulff M, Luty T, Koshihara S, Tanaka K	Time-resolved X-ray diffraction: a wonderful tool for probing structural photo-induced phase transitions	Journal of Luminescence 112 (1-4): 235-241 APR 2005	2005	optics
124.	Collet E, Lemee-Cailleau MH, Buron-Le Cointe M, Cailleau H, Wulff M, Luty T, Koshihara SY, Meyer M, Toupet L, Rabiller P, Techert S	Laser-induced ferroelectric structural order in an organic charge-transfer crystal	SCIENCE 300 (5619): 612-615 APR 25 2003	2003	science: general
125.	Cooper MJ, Lawson PK, Dixon MAG, et al.	Compton scattering study of 4f magnetism in CeFe2	Physical Review B -Condensed Matter 54 (6): 4068-4074 1996	1996	physics: solid state
126.	Czarski T, Pozniak KT, Romaniuk RS, et al.	TESLA cavity modeling and digital implementation in FPGA technology for control system development	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment) 556 (2): 565-576 JAN 15 2006	2006	sources instruments

127.	Czepas J, Devedjiev Y, Krowarsch D, Derewenda U, Otlewski J, Derewenda ZS	The impact of Lys→Arg surface mutations on the crystallization of the globular domain o RhoGDI	Acta Crystallographica: Section D, Feb2004, Vol. 60 Issue 2, p275-280,	2004	crystallography: biological
128.	Czyzyk M.T., Lawniczak-Jablonska K, Mobilio S	Study of the unoccupied electron states of Ni, Mo and Mo_3Ni alloy",	Physical Review B -Condensed Matter 45, 1992 1581	1992	physics: solid state
129.	Czyzyk MT, M. Podgórny, A. Balzarotti, P. Letardi, N. Motta, A. Kisiel, M. Zimnal-Starnawska	Thermodynamic properties of ternary semiconducting alloys	Zeitschrift für Physik B Condensed Matter 62, 2 1986 153-161	1986	physics: solid state
130.	Czyzyk MT, R. A. de Groot, G. Dalba, P. Fornasini, A. Kisiel, F. Rocca, E. Burattini	Ag2O band structure and x-ray-absorption near-edge spectra	Physical Review B -Condensed Matter 39, 9831–9838 (1989)	1989	physics: solid state
131.	Darul J, Nowicki W, Piszora P, et al.	Synchrotron X-ray powder diffraction studies on the order-disorder phase transition in lithium ferrites	Journal of Alloys & Compounds 401 (1-2): 60-63 2005	2005	materials
132.	Datsenko L, Khrupa V, Krasulya S, Misiuk A, Hartwig J, Surma B	Structural perfection of Czochralski grown silicon crystals annealed above 1500 K under hydrostatic pressure	Acta Physica Polonica A 91 (5): 929-933 1997	1997	physics: general
133.	Datsenko L, Misiuk A, Khrupa V, Bak-Misiuk J, Haertwig J, Domagala J, Surma B.	X-ray investigation of the hydrostatic-compression effect upon the formation of oxygen clusters in silicon crystals, grown by the Czochralski method at 1000 K.	METALLOFIZIKA I NOVEISHIE TEKHNOLOGII 19, no.5, 1997, pp.15-20.	1997	materials
134.	Datsenko L, Misiuk A, Khrupa V., Bak-Misiuk J., Härtwig J., Domagala J., Surma B.	X-ray studies of the influence of hydrostatic compression on the formation of oxygen clusters in silicon crystals, grown by the Czochralski method, at 1000 K	Metal Physics and Advanced Technologies 17, 521-528, (1998) - translated from Metallofizika i noveishie tekhnologii 19 , 5 (1997) 15-20	1998	materials
135.	Deak L, Bayreuther G, Bottyan L, et al.	Pure nuclear Bragg reflection of a periodic Fe-56/Fe-57 multilayer	Journal of Applied Physics 85 (1): 1-7 JAN 1 1999	1998	physics: applied
136.	Debowska D, A. Hołda, Kisiel A, M. Zimnal-Starnawska, M. Piacentini, N. Zema, F. Lama,	The Study of Transition Metal Influence on the Electronic Structure of $Zn_{1-x}TM_xS$	Universitatis Jagellonicae, Folia Physica, XXXIX, 161 (1998).	1998	physics: general
137.	Debowska D, Kisiel A, A.Rodzik, F.Antonangeli, Zema N, M.Piacentini, W.Giriat	Zn_{1-x} Mn_xTe Fundamental Retlectivity Spectra in the 0.5-10.0 eV Energy Range	Solid State Commun. 70, 699 (1989)	1989	physics: solid state
138.	Debowska D, R.Markowski, Kisiel A, Zimnal-Starnawska M, M.Piacentini, Zema N, F.Lama,	Optical Properties of ZnSe: Experiment and Theory	Universitatis Iagellonicae Folia Physica [Zeszyty Naukowe UJ ,Folia Physica] XXXVI, p.53, (1994)	1994	physics: general
139.	Debowska D, Zimnal-Starnawska M, Kisiel A, M. Piacentini, Zema N,	VUV Reflectivity of $Cd_{1-x}Fe_xTe$	Acta Physica Polonica A 82, 341, (1992)	1992	physics: general
140.	Debowska D, Zimnal-Starnawska M, Kisiel A, M.Piacentini, Zema N, F.Lama, W. Giriat,	Room and Liquid Nitrogen Temeperature Reflectivity Spectra of $Zn_{1-x}Co_xSe$ mixed crystals	Acta Physica Polonica A 87, no. 1, 275 (1995)	1995	physics: general
141.	Demchenko I., Lawniczak-Jabłońska K., Zhuravlev K., Piskorska E., Nikifirov A., Welter E.,	X-ray absorption studies of Ge layers buried in silicon crystal	Acta Physica Polonica A vol.101 (5), 2002, pp. 709-717,	2002	physics: general
142.	Demchenko I., Lawniczak-Jabłońska K., Zhuravlev K., Piskorska E., Nikifirov A., Welter E.,	Local microstrructure of Ge layers buried in a silicon crystal studied by extended x-ray absorption fine structure	Journal of Alloys & Compounds, vol.362, 2004, 156-161	2004	materials

	Nikifirov A., Welter E.,	absorption fine structure			
143.	Demchenko I.N. , Lawniczak-Jablonska K, K.S. Zhuravlev, E. Piskorska, A.I. Nikifirov and E. Welter,	X-ray absorption studies of Ge layers buried in silicon crystal",	Acta Physica Polonica A 101 (2002) 709.	2002	physics: general
144.	Demchenko IN, Lawniczak-Jablonska K, K.S.Zhuravlev, E.Piskorska, A.I.Nikifirov and E. Welter,	The local microstructure of Ge layers buried in silicon crystal studied by extended X-ray absorption fine structure ",	Journal of Alloys and Compounds 362(1-2), 156, 2004.	2004	materials
145.	Demchenko IN, Lawniczak-Jablonska K, Piskorska E, Zhuravlev KS, Nikiforov AL, Welter E	Characterization of the local structure of Ge quantum dots by x-ray absorption	Journal of Alloys & Compounds, vol.382, 2004, 206-210,	2004	materials
146.	Derewenda U, Oleksy A, Stevenson AS, Korczynska J, Dauter Z, Somlyo AP, Otlewski J, Somlyo AV, Derewenda ZS	The crystal structure of RhoA in complex with the DH/PH fragment of PDZRhoGEF, an activator of the Ca2+ sensitization pathway in smooth muscle	Structure 12 (11): 1955-1965 2004	2004	crystallography
147.	Di Cicco A, Aquilanti G, Minicucci M, et al.	Short-range interaction in liquid rhodium probed by x-ray absorption spectroscopy	Journal of Physics-Condensed Matter 11 (6): L43-L49 FEB 15 1999	1999	physics: solid state
148.	Di Fonzo S, Jark W, Lagomarsino S, Cedola A, Mueller BR, Pelka JB.	Electromagnetic field resonance in thin amorphous films: a tool for non-destructive localization of thin marker layers by use of a standard X-ray tube.	Thin Solid Films, vol.287, no.1-2, 1996, pp.288-292.	1996	surface science
149.	Djemia P, Roussigne Y., Stashkevich W., Szuszkiewicz W., Gonzalez Szwacki N., Dynowska E., Janik E., Kowalski B., Bogusławski P., Jouanne M., Morhange J.F.	Elastic properties of zinc blende MnTe	Acta Physica Polonica A vol.106, 2004, 239-247	2004	physics: general
150.	Dobrowolski Z. Drewniak T. Kwiatek W. Jakubik P.	Trace elements distribution in renal cell carcinoma depending on stage of disease	European Urology. 42(5):475-80, 2002 Nov.	2002	medicine
151.	Dobrzynski L	Neutron and x-ray scattering in the studies of metals	Acta Physica Polonica A 96 (2): 165-180 1999	1999	physics: general
152.	Dodatko T, Fedorov AA, Grynberg M, Patskovsky Y, Rozwarski DA, Jaroszewski L, Aronoff-SE, Kondraskina E, Irving T, Godzik A, Almo SC	Crystal Structure of the Actin Binding Domain of the Cyclase-Associated Protein.	Biochemistry 8/24/2004, Vol. 43 Issue 33, p10628-10641	2004	chemistry: biological
153.	Domagala J, Leszczynski M, Prystawko P, Suski T, Langer R, Barski A, Bremser M.	Strain relaxation of AlxGa1-xN epitaxial layers on GaN and SiC substrates.	Journal of Alloys & Compounds, vol.286, no.1-2, 1999, pp.284-288.	1999	materials
154.	Dominiak-Dzik G, W. Ryba-Romanowski, L. Kovacs, E. Beregi	Effect of temperature on luminescence and VUV to visible conversion in the YAl3(BO3)4:Dy3+(YAB:Dy)	Radiation Measurements 38, 557-561 (2004) 910	2004	sources instruments
155.	Dore JC, A. Burian, S. Tomita	Structural studies of carbon nanotubes and related materials by neutron and X-ray scattering,	Acta Physica Polonica A, (2000) 98, 495-504.	2000	physics: general
156.	Dore JC, A. Burian, T. Kyotani, V. Honkimaki,	Structural studies of oriented carbon nanotubes,	European Synchrotron Radiation Facility, Highlights 2001, January 2002, chapter Chemistry, pp. 23-24	2002	sources instruments

157.	Drozdowski W, A.J. Wojtowicz	Fast 20 ns 5d-4f luminescence and radiation trapping in BaF2Ce	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment) 486 , 412 (2002)	2002	sources instruments
158.	Drozdowski W, A.J. Wojtowicz, D. Wisniewski, P. Szupryczynski, S. Janus, J.L. Lefaucheur, Z. Gou	VUV spectroscopy and low temperature thermoluminescence of LSO:Ce and YSO:Ce	Journal of Alloys & Compounds, 380, 146-150 (2004)	2004	materials
159.	Drozdowski W, Wojtowicz AJ	Radiative recombination in BaF2 : Pr	Journal of Alloys & Compounds 300: 261-266 2000	2000	materials
160.	Dugdale S. B, R. J. Watts, J. Laverock, Zs. Major, M. A. Alam, M. Samsel-Czekała, G. Kontrym-Sznajd, Y. Sakurai, M. Itou, and D. Fort	Observation of a Strongly Nested Fermi Surface in the Shape-Memory Alloy Ni0.62Al0.38	Physical Review Letters 96, 046406 (2006)	2006	physics: general
161.	Durakiewicz T, C. D. Batista, Joe D. Thompson, Cliff Olson, J. Joyce, G. H. Lander, J.E. Gubernatis, Guziewicz E, M.T. Butterfield, Al Arko, J. Bonca, K. Mattenberger and O. Vogt	Direct observation of itinerant magnetism in UTe	Physical Review Letters 93 (2004) 267205	2004	physics: general
162.	Durakiewicz T, J.J. Joyce, G. H. Lander, C.G. Olson, M. T. Butterfield, Guziewicz E, A.J. Arko, L. Morales, J. Rebizant, K. Mattenberger, O. Vogt	Electronic Structure of Actinide Antimonides and Tellurides from Photoelectron Spectroscopy"	Physical Review B -Condensed Matter 70 (2004) 205103 (1-11)	2004	physics: solid state
163.	Dybko K, Szuszkiewicz W, Palacio F, Dynowska E, Paszkowicz W, Witkowska B.	Magnetic properties of zinc-blende Hg1-xMnxS.	Journal of Magnetism & Magnetic Materials, vol.192, no.1, 1999, pp.61-66.	1999	materials
164.	Dygdala RS, Zawadzka A, Lisak D, Plociennik P, Trawiński RS	Investigation of highly excited states of calcium by three-photon ionization.	European Physical Journal D -- Atoms, Molecules, Clusters & Optical Physics, Jul2004, Vol. 30 Issue 1, p15-22,	2004	physics: general
165.	Dziedzic-Kocurek K, Banas A, Kwiatek WM, Stanek J	X-ray absorption near edge structure and Mossbauer spectroscopy in study of iron valence states in tissues	Acta Physica Polonica A 109 (2006) 341-345 MAR	2005	physics: general
166.	Efros BM, Shishkova NV, Prudnikov A, Misiuk A, Bak-Misiuk J, Härtwig J.	Investigation of system Si-O (SiO_x) behavior in DAC at submegabar pressure	Proceedings of SPIE Vol.4412, pp.120-125. (SPIE, Washington 2001) Vol.4412, pp.110-115. (SPIE, Washington 2001) ed. A.Rogaski, K.Adamiec, P.Madejczyk.	2001	cryst growth
167.	Eichhorn F, Gaca J, Heera V, et al.	Structural studies on ion-implanted semiconductors using X-ray synchrotron radiation: Strain evolution and growth of nanocrystals	Vacuum 78 (2-4): 303-309 MAY 30 2005	2005	cryst growth
168.	Ekimov E. , A. Witek, Palosz B, V. Filonenko, A. Gavriliuk, V. Gryaznov, Gierlotka S, Stelmakh S	Sintering of compacts from nanocrystalline diamonds without sintering agent	Materials Research Society Symposium Proceedings: High-Pressure Mat. Res., 499 , 115 (1998)	1998	materials
169.	Ekimov E.A., R.A.Sadykov, Gierlotka S, A.Presz, E.V.Tatyanin, V.N.Slesarev, and N.N.Kuzin,	A High-Pressure Cell for High-Temperature Experiments in a Toroid-Type Chamber,	Instruments and Experimental Techniques, 47 (2), 276-278 (2004)	2004	sources instruments

170.	Ekimov EA, Gavrilluk AG, Palosz B, Gierlotka S, Dluzewski P, Tatianin E, Kluev Yu, Naletov AM, Presz A.	High-pressure, high-temperature synthesis of SiC-diamond nanocrystalline ceramics.	Applied Physics Letters, vol.77, no.7, 14 2000, pp.954-956.	2000	physics: applied
171.	Eriksson M, Osan J, Jernstrom J, et al.	Source term identification of environmental radioactive Pu/U particles by their characterization with non-destructive spectrochemical analytical techniques	Spectrochimica Acta B 60 (4): 455-469 APR 29 2005	2005	spectroscopy
172.	Erman P, Karawajczyk A, Koble U, et al.	Ultra-short lived non-Rydberg doubly excited resonances observed in molecular photoionization of CO and N-2 molecules	Acta Physica Polonica A 91 (4): 763-767 1997	1997	physics: general
173.	Erman P, Karawajczyk A, RachlewKallne E, et al.	Photoionization processes in NO in the threshold region	Chemical Physics Letters 273 (3-4): 239-246 1997	1997	physics: chemical
174.	Erman P, Karawajczyk A, Rachlew-Kallne E, et al.	Non Franck-Condon effects in photoionization of molecular oxygen	PHYSICA SCRIPTA 62 (4): 294-300 OCT 2000	2000	physics: general
175.	Faatz B, Fateev AA, Feldhaus J, et al.	Development of a pump-probe facility with sub-picosecond time resolution combining a high-power ultraviolet regenerative FEL amplifier and a soft X-ray SASE FEL	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment) 475 (1-3): 368-372 DEC 21 2001	2001	sources instruments
176.	Faatz B, Fateev AA, Feldhaus J, Floettmann K, Tschentscher T, Krzywinski J, Pflueger J, Rossbach J, Saldin EL, Schniedmiller EA, Yurkov MV.	Development of a facility for probing the structural dynamics of materials with femtosecond X-ray pulses	AIP Conference Proceedings, no.581, 2001, pp.162-168. (American Institute of Physics)	2001	physics: general
177.	Faatz B, Fateev AA, Feldhaus J, Gerth C, Hahn U, Jastrow U, Krzywinski J, Lebedev NI, Lewellen J, Malkinski L, Meschkat M, Petrov VA, Rossbach J, Rukoyatkina TV, Saldin EL, Schneidmiller EA, Schreiber S, Sedykh SN, Shvetsov VS, Sobierajski R, Sytchev KP, Tarasov VV, Tiedtke K, Treusch R, Yurkov M	Alignment of the optical feedback system of VUV regenerative FEL amplifier at the TESLA test facility at DESY	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment), vol.483, 2002, pp. 412-417	2002	sources instruments
178.	Faatz B, Fateev AA, Feldhaus J, Krzywinski J, Pfluegera J, Rossbach J, Saldin EL, Schneidmiller EA, Yurkov MV	Development of a pump-probe facility combining a far-infrared source with laser-like characteristics and a VUV free electron laser	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment) 475 (1-3): 363-367 DEC 21 2001	2001	sources instruments
179.	Faatz B, Feldhaus J, Krzywinski J, et al.	Regenerative FEL amplifier at the TESLA test facility at DESY	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment) 429 (1-3): 424-428 JUN 11 1999	1999	sources instruments
180.	Faatz B, Feldhaus J, Krzywinski J, Saldin EL, Schneidmiller EA, Yurkov MV.	Regenerative FEL amplifier at the TESLA test facility at DESY	Nuclear Instruments & Methods in Physics Research Section A-Accelerators Spectrometers Detectors & Associated Equipment, vol.429, no.1-3, 11 June 1999, pp.424-8	1999	sources instruments
181.	Feldhaus J, Krzywinski J, Saldin EL, et al.	The VUV FEL project at DESY: Plans for improving the photon beam characteristics	Institute of Physics Conference Series 159: 553-556 1999	1999	physics: general

	et al.	by feedback and seeding	Series 159: 553-556 1999		general
182.	Feldhaus J, Krzywinski J, Saldin EL, Schneider JR, Schneidmiller EA, Yurkov MV	Seeded SASE free-electron lasers as fully coherent VUV and X-ray sources	SPIE-Int. Soc. Opt. Eng. Proceedings of SPIE - the International Society for Optical Engineering, vol.3451, 1998, pp.182-9.	1998	sources instruments
183.	Fiedorowicz H, Bartnik A, Jarocki R, Kostecki J, Krzywinski J, Rakowski R, Szczurek M	Characterization and optimization of a laser-produced X-ray source with a double-stream gas puff target.	Proceedings of Spie - the International Society for Optical Engineering, vol.4504, 2001, pp.69-76.	2001	physics: solid state
184.	Fiedorowicz H., Bartnik A., Jarocki R., Kostecki J., Krzywiński J., Mikołajczyk J., Rakowski R., Szczurek M., Wawer J.,	Spectral measurement of soft x-ray and EUV emissions from a laser-irradiated gas puff target using a transmission grating spectrometer	Proceedings of SPIE - The International Society for Optical Engineering, vol.5064, 2003, pp. 91-97	2003	sources instruments
185.	Filipek S, Stenkamp RE, Teller DC, Palczewski K	G protein-coupled receptor rhodopsin: a prospectus	Annual Review of Physiology, 2003, Vol. 65 Issue 1, p851, 29p;	2003	medicine
186.	Filipek S, Teller DC, Palezewski K, Stenkamp R	The crystallographic model of rhodopsin and its use in studies of other g protein-coupled receptors	Annual Review of Biophysics & Biomolecular Structure, 2003, 32 1, 375-397	2003	physics: biological
187.	Fleck M, A. I. Lichtenstein, A. M. Oleś, and L. Hedin	Spectral and transport properties of doped Mott-Hubbard systems with incommensurate magnetic order	Physical Review B -Condensed Matter 60, 5224-5243 (1999)	1999	physics: condensed matter
188.	Florek M, Youn HS, Ro CU, et al.	Investigation of chemical composition of belemnite rostra by synchrotron-based X-ray microfluorescence and diffraction and electron microprobe	Journal of Alloys & Compounds 362 (1-2): 99-106 2004	2004	materials
189.	Flottmann K, Faatz B, Czuchry E, et al.	Local beam based alignment procedure for an undulator with superimposed FODO lattice	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment) 416 (1): 152-160 OCT 11 1998	1998	sources instruments
190.	Franzen KY, Erman P, Hatherly PA, et al.	Quasi two-step dissociation effects observed in the core excited OCS molecule	Chemical Physics Letters 285 (1-2): 71-76 1998	1998	physics: chemical
191.	Gajda M, Krzywinski J, Plucinski L, Piraux B.	Interaction of a hydrogen atom with an intense pulse of vacuum ultraviolet radiation	Journal of Physics B: Atomic Molecular & Optical Physics,33, 6, 2000, 1271-1277.	2000	physics: general
192.	Garbarczyk J, Paukszta D, Borysiak S	Polymorphism of isotactic polypropylene in presence of additives, in blends and in composites	JOURNAL OF MACROMOLECULAR SCIENCE-PHYSICS B41 (4-6): 1267-1278 2002	2002	physics: general
193.	Gavriliuk A.G., .N. Stepanov, I.A. Trojan, V.A. Sidorov, S. Lyubutin, Palosz B, Stelmakh S, M. Winzenick	Magnetism, electronic properties and structure high density state of magnetic solids	Materials Research Society Symposium Proceedings: High-Pressure Mat. Res., 499 , 393-404 (1998)	1998	materials
194.	Gavriliuk A.G., G.N.Stepanov, I.S.Lyul A.S.Stepin, I.A.Troyan, W.A.Sidorov, F Stelmakh S & M.Winzenick	Effect of high pressures on bulk and surface relationships in rarearth orthopferrites RFeC	Journal of Experimental and The Physics 90, 330 (2000)	2000	physics: general

195.	Gerth Ch, J. Feldhaus, K. Honkavaara, K.D. Kavanagh, Ph. Piot, L. Plucinski, S. Schreiber, I. Will	Bunch length and phase stability measurements at the TESLA test facility	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment) 507, 335-339 (2003)	2003	sources instruments
196.	Gerward L, Jiang JZ, Olsen JS, et al.	X-ray diffraction at high pressure and high or low temperature using synchrotron radiation - Selected applications in studies of spinel structures	Journal of Alloys & Compounds 401 (1-2): 11-17 2005	2005	materials
197.	Gierlotka S, A.Grzegorczyk, Palosz B, E.Grzegorczyk, P.Biczyk, and U.Bismayer	Aluminium Nitride compressibility and thermal expansion under pressure	Material Science Forum Vols.378-381, 529-533 (2001)	2001	materials
198.	Gierlotka S, Palosz B, A.Świderska-Środa, Grzanka E, G.Kalisz, R.Fedyk, Stelmakh S	Metal-ceramics nanocomposites prepared by high-pressure high-temperature infiltration	Solid State Phenomena 101-102, 157-164 (2005).	2005	physics: solid state
199.	Gierlotka S, Palosz B, Pielaszek R, Stel'makh S, Doyle S, Wroblewski T.	Simultaneous analysis of the small- and wide-angle scattering from nanometric SiC based on the ab initio pattern simulation	Materials Science Forum, vol.278-281, 106-9. (1998)	1998	materials
200.	Gierlotka S. Palosz B.F., Swiderska-Sroda A., Grzanka E., Kalisz G., Fietkiewicz K., Stelmakh S., Lathe Ch.,	Synthesis of metal-ceramic nanocomposites by high-pressure infiltration",	Solid State Phenomena, Vols. 101-102 (2005), 157-164.	2005	physics: solid state
201.	Gierłowski P., Dynowska E., Abal'oshev A., Pelka J.B., Paszkowicz W, Kostrzeńska D, Bähtz C, Knapp M	Structure of laser-modified $YBa_2Cu_3O_{7-x}$ thin films	Journal of Alloys & Compounds, vol.362 (2004) 293-296 (	2004	materials
202.	Glodo J, Wojtowicz AJ	Charge traps and emission kinetics in LuAP:Ce	Proceedings of SPIE -- Volume 4412, International Conference on Solid State Crystals 2000: Growth, Characterization, and Applications of Single Crystals, Antoni Rogalski, Krzysztof Adamiec, Pawel Madejczyk, Editors, August 2001, pp. 216-220	2001	physics: solid state
203.	Glodo J., A.J. Wojtowicz	Thermoluminescence and scintillation properties of LuAP and YAP	Journal of Alloys & Compounds 300-301 , 289 (2000)	2000	materials
204.	Glowka ML, Olczak A, Bojarska J, Szczesio M, Duax W. L, Burkhart BM, Pangborn W. A, Langs D. A, Wawrzak Z	Structure of gramicidin D-RbCl complex at atomic resolution from low-temperature synchrotron data: interactions of double-stranded gramicidin channel contents and cations with channel wall	Acta Crystallographica D: Biological Crystallography 61: 433-441 2005	2005	crystallography: biological
205.	Godowski PJ, Onsgaard J, Gagor A, Kondys M, Li ZS	Investigation of the CO+NO reaction over the Cu(001) surface	Chemical Physics Letters 406 (4-6): 441-445 2005	2005	physics: chemical
206.	Godowski PJ, Onsgaard J, Hoffmann SV, et al.	The coadsorption of hydrogen and carbon dioxide versus adsorption of formic acid on Cs-dosed Cu(110)	Vacuum 63 (1-2): 257-266 Sp. Iss. SI JUL 2 2001	2001	cryst growth
207.	Gog T, Harasimowicz T, Dev BN, Materlik G	Location of Ti Atoms Diffused into Nearly Perfect Crystals of $LiNbO_3$: An X-Ray Standing-Wave Study,	Europhysics Letters 25 253 1994	1994	physics: general

208.	Grazulis S, Manakova E, Roessle M, Bochtler M, Tamulaitiene G, Huber R, Siksnys V	Structure of the metal-independent restriction enzyme BfiI reveals fusion of a specific DNA-binding domain with a nonspecific nuclease.	Proceedings of the National Academy of Sciences of the United States of America, 11/1/2005, Vol. 102 Issue 44, p15797-15802	2005	physics: general
209.	Gregorkiewicz T, Thao DTX, Langer JM	Direct spectral probing of energy storage in Si : Er by a free-electron laser	Applied Physics Letters 75 (26): 4121-41231999	1999	physics: applied
210.	Gregorkiewicz T, Thao DTX, Langer JM, et al.	Energy transfer between shallow centers and rare-earth ion cores: Er3+ ion in silicon	Physical Review B -Condensed Matter 61 (8): 5369-5375 2000	2000	physics: solid state
211.	Gregorkiewicz T, Thao DTX, Langer JM, et al.	Tracking recombination processes in Si : Er with a free-electron laser	Journal of Luminescence 87-9: 96-100 2000	2000	optics
212.	Grigoraschenko O.N, Rudenov V.V, Savchenko E.V, Khizhniyi I.V, Frankowski M, Smith-Gicklhorn A.M, Beyer M.K. Bondybey VE	Activation spectroscopy of electronically induced defects in solid Ne.	Low Temperature Physics, 2003, 29 9/10, 876-880	2003	physics: general
213.	Grigoriew H, Bernstorff S, Wolinska-Grabczyk A, Domagala J, Chmielewski AG	Depth-influenced structure through permeating polymer membrane using SAXS synchrotron method	Journal of Membrane Science, vol.186: (2001) 1-8	2001	biology
214.	Grigoriew H, Chmielewski AG, Amenitsch H	Structural temperature transformation of the cellulose-water system using time-resolved SAXS	POLYMER 42 (1): 103-108 JAN 2001	2001	materials
215.	Grigoriew H, Luboradzki R, Cunis S	In situ studies of monosaccharide gelation using the small-angle X-ray scattering time-resolved method	LANGMUIR 20 (18): 7374-7377 2004	2004	surface
216.	Grigoriew H, Wolinska-Grabczyk A, Bernstorff S	Solvent-influenced mesostructures in polyurethane-based membranes of different transport parameters using SAXS synchrotron method	Journal of Materials Science Letters 21 (2): 113-116 JAN 15 2002	2002	materials
217.	Grigoriew H, Wolinska-Grabczyk A, Bernstorff S, Jankowski A	Temperature effected structural transitions in polyurethanes saturated with solvents studied by SAXS synchrotron method	JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY 39 (7): 629-642 2002	2002	crystallography
218.	Grigoriew H, Wolinska-Grabczyk A, Plusa M, Bernstorff S	Kinetics of the structural changes in polyurethanes saturated with benzene during the desorption process	JOURNAL OF MATERIALS SCIENCE LETTERS 21 (15): 1179-1182 AUG 1 2002	2002	materials
219.	Grigoriew H.1; Chmielewski A.G.	Capabilities of X-ray methods in studies of processes of permeation through dense membranes	Journal of Membrane Science, Volume 142, Number 1, 2 February 1998, pp. 87-95(9)	1998	biology
220.	Grochowski J, Serda P	Resonant scattering of light atoms - measuring methods and applications	Acta Physica Polonica A 82 1992 147-156.	1992	physics: general
221.	Grochowski J, Serda P	Feasibility of chiral discrimination using X-Ray anomalous .scattering	Chirality 5, 1993, 277-281	1993	crystallography
222.	Grochowski J, Serda P	Quick identification of monoterpene derivative epimers using calculated and experimental synchrotron radiation	Molecular and Physiological Aspects of Regulatory Processes of the Organism, H. Lach (ed.), ISBN 83-7271-108-9, 2001, pp. 122-1232	2001	biology

223.	Grochowski J, Serda P, Pasenkiewicz-Gierula M, et al.	Structural characterizatiion of carane derivative stereoisomers - Potent local anesthetics	Acta Physica Polonica A 101 (2002) 665-674 2002	2002	physics: general
224.	Gromadka R. Gora M. Zielenkiewicz U. Slonimski PP. Rytka J.	Subtelomeric duplications in Saccharomyces cerevisiae chromosomes III and XI: topology, arrangements, corrections of sequence and strain-specific polymorphism.	Yeast 12(6):583-91, 1996 May.	1996	biology
225.	Grybos J, Hohlwein D, Zeiske T, Sonntag R, Kubanek F, Eichhorn K, Wolf T.	Atomic displacements in the ortho-II phase of YBa2Cu3O6.50 by synchrotron X-ray diffraction.	Physica C 220 (1994) S. 138-142	1994	physics: solid state
226.	Grzanka E, Palosz B, Gierlotka S, Pielaszek R, Bismayer U, Janik JF, Wells JR, Palosz W, Porsch F,	Generation and relaxation of microstrains in GaN nanocrystals under extreme pressures	Acta Physica Polonica A 102 (2) (2002)	2002	physics: general
227.	Grzanka E, Palosz B, Gierlotka S, Stelmakh S, Pielaszek R, U.Bismayer, J.Neuefeind, P.Jovari, W.Palosz	X-ray powder diffraction study of atomic structure of nanocrystalline SIC And diamond	Materials Science Forum, 443-444, 39-42 (2004)	2004	materials
228.	Grzanka E, Stelmakh S, Gierlotka S, Y Palosz B, and W. Palosz	Examination of the atomic Pair Distribution Function (PDF) of SiC nanocrystals by in-situ high pressure diffraction	Journal of Alloys & Compounds 382, 133-137 (2004)	2004	materials
229.	Guerin L, Collet E, Lemee-Cailleau MH, Buron-Le Cointe M, Cailleau H, Plech A, Wulff M, Koshihara SY, Luty T	Probing photoinduced phase transition in a charge-transfer molecular crystal by 100 picosecond X-ray diffraction	Chemical Physics 299 (2-3): 163-170 Sp. Iss. SI APR 19 2004	2004	physics: chemical
230.	Guziewicz E	Photoemission of 4f and 5f systems"	Optica Applicata – submitted	2006	physics: solid state
231.	Guziewicz E, K. Kopalko, J. Sadowski, M. Guziewicz and Z. Golacki	Electronic structure of Zn(Mn)O surface alloy - a resonant photoemission study	Materials Research Society Symposium Proceedings (Symposium on Fundamentals of Novel Oxide/Semiconductor Interfaces), vol.786 (2004) 359-364	2004	materials
232.	Guziewicz E, K. Kopalko, J. Sadowski, M. Guziewicz, Z. Gołacki	Zn(Mn)O surface alloy studied by synchrotron radiation photoemission"	Acta Physica Polonica A 108 (2005) 689-696	2005	physics: general
233.	Guziewicz E, K.Kopalko, J.Sadowski, M. Guziewicz, Z. Golacki, J. Kanski, L. Ilver	Mn on the surface of ZnO(0001) – a resonant photoemission study"	Physica Scripta vol. T115 (2005) 541-544	2005	physics: general
234.	Guziewicz E, Kowalski BJ, Golacki Z, Orlowski BA, Johnson RL, Masek J.	Cd1-xFexTe ternary crystal formation studied by resonant photoemission.	Acta Physica Polonica A vol.92, no.4, 1997 793-796	1997	physics: general
235.	Guziewicz E, Kowalski BJ, J. Mašek , Orlowski BA, Johnson RL "Transition "Metal 3d States in HgSe-based Diluted Magnetic Semiconductors"	V International School and Symposium on Synchrotron Radiation in Natural Science, Ustroń- Jaszowiec, June 12-17, 2000, poster,	Journal of Alloys and Compounds 328 (2001) 119-125.	2001	materials
236.	Guziewicz E, Kowalski BJ, Orlowski BA, Ghijsen J, Yu LM, Johnson RL	Fe 3p-3d Fano resonances in CdTe(111)/Fe and Cd1-xFexTe	Journal of Electron Spectroscopy and Related Phenomena 88, 321-326 1998	1998	spectroscopy
237.	Guziewicz E, Kowalski BJ, Orlowski BA, Johnson RL	Photoemission study of Sm/CdTe interface formation	Surface Science 482-485 (2001) 512-518	2001	surface science

238.	Guziewicz E, Kowalski BJ, Szamota-Sadowska K, Orlowski BA, J. Mašek, Johnson RL	The Influence of the Fe 3d States on the Electronic Band Structure of CdTe/Fe and Bulk $Cd_{0.985}Fe_{0.015}Te$ Crystal	Journal of Alloys and Compounds 286, 137-142 (1999).	1999	materials
239.	Guziewicz E, Kowalski BJ, Z. Golacki, Orlowski BA, Johnson RL,	The $Cd_{1-x}Fe_xTe$ Ternary Crystal Formation Studied by Resonance Photoemission	Acta Physica Polonica A 92, 793 (1997).	1997	physics: general
240.	Guziewicz E, Orlowski BA, Kowalski BJ ,N. Barrett, R. Belkhou, D. Radosavkic, D. Martinotti, C. Guillot, J.-P. Lacharme, C.A. Sebenne	From Metal-Semiconductor Junction to Ternary Alloy Crystal	Electron Technology, 31, 323-327 (1998)	1998	technology
241.	Guziewicz E, Orlowski BA, Kowalski BJ, I. Grzegory, S. Porowski	Photoemission study of samarium on GaN(0001) and CdTe(100)"	Applied Surface Science 190 (2002) 356-360.	2002	surface
242.	Guziewicz E, Orlowski BA, Kowalski BJ, N. Barrett, D. Martinotti, C. Guillot, J.-P. Lacharme, C.A. Sebenne,	$Cd_{1-x}Fe_xSe$/Fe interface formation observed by means of photoemission Spectroscopy	Acta Physica Polonica A 90, 805 (1996).	1996	physics: general
243.	Guziewicz E, Szamota-Sadowska K, B. J. Kowalski, W. Szuszkiewicz, B. Witowska, B. A. Orlowski,	Reflectivity Study of Cubic $Hg_{1-x}Fe_xS$ and $HgSe_{1-y}S_y$	Zastosowanie Promieniowania Synchrotronowego, Mat. 3. 1995, ed. E. SobczakWyd. Fundacji im. W. Swietosławskiego 1995, p. 65	1995	sources instruments
244.	Guziewicz E, SzamotaSadowska K, Kowalski BJ, Grodzicka E, Story T, Orlowski BA, Johnson R	Cr 3d Surface and Bulk States in $Sn_{1-x}Cr_xTe$/Cr Crystals",	Acta Physica Polonica A 91, 783-787 (1997).	1997	physics: general
245.	Guziewicz E, Szamota-Sadowska K, Kowalski BJ, Orlowski BA, Ghijsen J, Johnson RL	Photoemission study of Gd atoms on CdTe(100) surface	Applied Surface Science, 166 (2000) 231-236	2000	surface
246.	Guziewicz E, T. Durakiewicz, C.G. Olson, J.J. Joyce, M.T. Butterfield, A.J. Arko, J.L. Sarrao, A. Wojakowski	Electronic structure of layered uranium compounds from photoemission spectroscopy"	Surface Science 600 (2006) 1632-1636	2006	surface science
247.	Guziewicz E, T. Durakiewicz, M. T. Butterfield, C.G. Olson, J.J. Joyce, A.J. Arko, J.L. Sarrao, D.P. Moore, L. Morales	Angle-resolved photoemission study of USb_2: the 5f band structure"	Physical Review B -Condensed Matter 69 (2004) 045102	2004	physics: solid state
248.	Guziewicz E, T. Durakiewicz, M.T. Butterfield, C.G. Olson, J.J. Joyce, A.J. Arko, J.L. Sarrao, A. Wojakowski, T. Cichorek	Electronic Structure of UAsSe and USb_2 compounds: the 5f photoemission"	Materials Research Society Symposium Proceedings "Actinides-Basic Science, Applications and Technology", vol.802 (2004) 183	2004	materials
249.	Guziewicz E, T. Durakiewicz, P.M. Oppeneer, J.J. Joyce, J.D. Thompson, C.G. Olson, M.T. Butterfield, A.Wojakowski, D.P. Moore, and A.J. Arko	Angle resolved photoemission study of dispersive and narrow-band 5f states in UAsSe"	Physical Review B -Condensed Matter 73 (2006) 155119 (1-10)	2006	physics: solid state
250.	Guziewicz E., Kopalko K., Sadowski J., Guziewicz M., Gołacki Z.,	Electronic structure of Zn(Mn)Osurface alloy - a resonant photoemission study	Materials Research Society Symposium Proceedings Series, vol.786, 2004, E6.4.1-E6.4.6	2004	materials
251.	Guziewicz E., Kowalski B., Orlowski B., Szczepańska A., Gołacki Z., Kowalik I.A., Grzegory I., Porowski S., Johnson R.L.,	Interaction between Sm and GaN - a photoemisjon study	Surface Science 551, 2004, 132-142	2004	surface science

252.	Guziewiez E, Kowalski BJ, Masek J,Orlowski BA, Johnson RL	Transition metal 3d states in HgSe-based diluted magnetic semiconductors	Journal of Alloys & Compounds 328 (1-2): 119-125 2001	2001	materials
253.	Hakansson MC, L. S. O. Johansson, P. R. Varekamp, U. O. Karlsson, J. Kanski, and B. J. Kowalski	Photoemission study of the band gap on cesiated Ge(111)1×1:As	Physical Review B -Condensed Matter 52, R11646-R11649 (1995)	1995	physics: condensed matter
254.	Hamalainen K, Manninen S, Kao CC, et al.	High resolution Compton scattering study of Be	Physical Review B -Condensed Matter 54 (8): 5453-5459 1996	1996	physics: solid state
255.	Handke B, Kozlowski A, Parlinski K, Przewoznik J, Slezak T, Chumakov AI, Niesen L, Kakol Z, Korecki J	Experimental and theoretical studies of vibrational density of states in Fe3O4 single-crystalline thin films	Physical Review B -Condensed Matter 71 (14): Art. No. 144301 2005	2005	physics: solid state
256.	Haseroth H, Kugler H, Langbein K, et al.	Developments at the CERN laser ion source	Review of Scientific Instruments 69 (2): 1051-1053 Part 2 FEB 1998	1998	sources instruments
257.	Hasik M., Wenda E., Bernasik A., Kowalski K., Sobczak J.W., Sobczak E., Bielańska E.,	Poly(o-toluidine) as the matrix for incorporation of palladium species from PdCl2 aqucous solutions	Polymer, vol.44, 2003, pp. 7809-7819,	2003	materials
258.	Hatherly PA, Fisher BO, Collins DJ, et al.	Recent advances and techniques in synchrotron radiation based molecular physics	Journal of Alloys & Compounds 328 (1-2): 20-26 2001	2001	materials
259.	Hawelek L, Koloczek J, Burian A, Dore J.C, Honkimäki V, Kyotani T.	Application of image plate for structural studies of carbon nanotubes by high-energy X-ray diffraction,	Journal of Alloys & Compounds 401 (2005) 51-54	2005	materials
260.	Haznar A, van der Laan G, Collins SP, Vaz CAF, Bland JAC, Dhesi SS	Soft X-ray resonant magnetic scattering from a Ni layer with modulated magnetic anisotropy.	Journal of Synchrotron Radiation, 2004, 11 Issue 3, p254-260,	2004	sources instruments
261.	Hejny V, Bacelar J, Chernyshev V, et al.	Development of a compact photon detector for ANKE at Cosy	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment) 486 (1-2): 126-130 JUN 21 2002	2002	sources instruments
262.	Helland R, Czapinska H, Leiros I, Olufsen M, Otlewski J, Smalas AO	Structural consequences of accommodation of four non-cognate amino acid residues in the s1 pocket of bovine trypsin and chymotrypsin.	Journal of Molecular Biology 2003, 333 Issue 4, p845-862	2003	biology
263.	Henn R, Bernhard C, Wittlin A, et al.	Far infrared ellipsometry using synchrotron radiation: the out-of-plane response of La2-xSrxCuO4	Thin Solid Films 313: 642-648 FEB 1998	1998	surface science
264.	Henn R, Wittlin A, Cardona M, et al.	Dynamics of the c-polarized infrared-active modes in La2-xSrxCuO4	Physical Review B -Condensed Matter 56 (10): 6295-6301 1997	1997	physics: solid state
265.	Heske C, Groh U, Fuchs O, Weinhardt L, Umbach F, Grün M, Petillon S, Dinger A, Klingshirn C, Szuszkiewicz W, Fleszar A	Studying the local chemical environment of sulfur atoms at buried interfaces in CdS/ZnSe superlattices.	Applied Physics Letters, 9/22/2003, Vol. 83 Issue 12, p2360, 3p	2003	physics: applied
266.	Hilge, M., Gloor, S.M., Rypniewski, W., Sauer, O., Heightman, T.D., Zimmermann, W., Winterhalter, K. & Piontek, K.	High-resolution native and complex structures of thermostable b-mannanase from Thermomonospora fusca - substrate specificity in glycosyl hydrolase family 5.	Structure 6 (1998) 1433-1444.	1998	biology

267.	Hilgeroth A, E.Tykarska, Jaskolski M	Crystal structure of a novel synthetic inhibitor of HIV-1 protease.	Journal of Mol. Struct. 605, 2002 63-70.	2002	biology
268.	Hoffmann P, Schmeisser D, Beck RB, Cuch M, Giedz M, Jakubowski A	Photoemission studies of very thin (< 10 nm) silicon oxynitride (SiOxNy) layers formed by PECVD	Journal of Alloys & Compounds 382 (1-2): 228-233 2004	2004	materials
269.	Holden T, Habermeier HU, Cristiani G, et al.	Proximity induced metal-insulator transition in YBa2Cu3O7/La2/3Ca1/3MnO3 superlattices	Physical Review B -Condensed Matter 69 (6): Art. No. 064505 2004	2004	physics: solid state
270.	Hrynkiewicz AZ, Kisiel A	Electron Spectroscopy Using Synchrotron Radiation	Nucleonika 40 (1995) 3-20	1995	physics: nuclear
271.	Ikeda T, Takata M, Sakata M, et al.	Electron density distribution of wurtzite-type gallium nitride by maximum entropy method	Journal of Physical Society of Japan 67 (12): 4104-4109 DEC 1998	1998	physics: general
272.	Ilver L, Kovacs A, Kanski J, Nilsson PO, Sobczak E.	Angle resolved inverse photoemission from Ag(111) and Pd(111).	Physica Scripta, vol.35, no.5, 1987, pp.726-728.	1987	physics: general
273.	Ipe NE, Fasso A, Kase KR, et al.	Characterisation of the low energy X ray response of Polish TLDs to synchrotron radiation and the determination of some TLD quantities	Radiation Protection & Dosimetry 84 (1-4): 169-173 Part 1 1999	1999	environmental sciences
274.	Itou M, Sakurai Y, Ohata T, et al.	Fermi surface signatures in the Compton profile of Be	Journal of Physics & Chemistry of Solids 59 (1): 99-103 JAN 1998	1998	physics & chemistry: solid state
275.	Iwanowski R.J., Lawniczak-Jablonska K.	Local atomic structure of ZnMnS diluted magnetic semiconductors: an EXAFS study	Zastosowanie promieniowania synchrotronowego, ed.: E. Sobczak (Fundacja im. Wojciecha Świętosławskiego, Gliwice, 1995) pp. 69-74.	1995	sources instruments
276.	Iwanowski RJ	Comment on the covalent radius of Mn (to the papers Chem. Phys. Lett. 283, 313 (1998) and Chem. Phys. Lett. 336, 226 (2001))	Chemical Physics Letters, 350 , 577 (2001)	2001	physics: chemical
277.	Iwanowski RJ and Lawniczak-Jablonska K	EXAFS determination of the bond lengths in ZnFeS ternary alloys"	Acta Physica Polonica A 91, 1997, 797.	1997	physics: general
278.	Iwanowski RJ, Lawniczak-Jablonska K, Golacki Z, Traverse A.	Tetrahedral covalent radii of Mn, Fe, Co and Ni estimated from extended X-ray absorption fine structure studies.	Chemical Physics Letters, vol.283, no.5-6, 1998, pp.313-318.	1998	physics: chemical
279.	Iwanowski RJ, Lawniczak-Jablonska K, Traverse A.	Chemical shifts at K-absorption edges of transition metals admixed to ZnS and ZnSe.	Acta Physica Polonica A vol.91, no.4, 1997 803-808.	1997	physics: general
280.	Iwanowski RJ, Lawniczak-Jablonska K, Winter I, Hormes J.	EXAFS studies of local atomic structure in Zn1-xMnxS.	Solid State Communications, vol.97, no.10, 1996, pp.879-885.	1996	physics: solid state
281.	Iwanowski RJ, Lawniczak-Jablonska K.	EXAFS determination of bond lengths in Zn1-xFexS ternary alloys.	Acta Physica Polonica A vol.91, no.4, 1997 797-801.	1997	physics: general
282. FN	Iwanowski RJ, Paszkowicz W, Lawniczak-Jablonska K, Heinonen MH, Witkowska B, Feldhaus J.	Mn-Te bond in the rocksalt $Sn_{1-x}Mn_xTe$ alloys and octahedral radius of Mn: X-ray absorption- and diffraction study	Chemical Physics Letters, 336 (2001) 226-233.	2001	physics: chemical

283.	Jablonska A, A. Burian, A.M. Burian, J. Szade, O. Proux, J.L. Hazemann, A. Mosset, D. Raoux,	Studies of short-range ordering in amorphous In-Se films by EXAFS,	Journal of Non-Crystalline Solids, (2002) 299-302, 238-242	2002	materials
284.	Jablonska A, A. Burian, A.M. Burian, M. Borowski,	Structural studies of amorphous In-Se by EXAFS,	Journal of Alloys & Compounds, 362 (2004) 167-170.	2004	materials
285.	Jablonska A, Burian A	Separation of vibrational and static disorder in amorphous In-Se films by EXAFS	Journal of Alloys & Compounds 382 (1-2): 211-217 2004	2004	materials
286.	Jablonska A, Burian A, Metzger TH, LeBolloc'h D, Hamilton M, Raoux D.	Differential anomalous X-ray scattering studies of amorphous In–Se	Journal of Alloys & Compounds 401 (2005) 41-45	2005	materials
287.	Jablonski A, Powell CJ	Electron effective attenuation lengths in electron spectroscopies	Journal of Alloys & Compounds 362 (1-2): 26-32 2004	2004	materials
288.	Jamrozik J, G. Zak, J. Grochowski, M. Markiewicz, P. Serda	The structure of substituted spirans derived from benzo-1-5-dithiepine and benzo-1-5-dioxepine systems. Ring-reversal isomers	Journal of Mol. Struct., 687, 79-86 (2004) 916	2004	crystallography
289.	Janicki J	Nanostructure and thermal behaviour of isotactic polypropylene	FIBRES & TEXTILES IN EASTERN EUROPE 10 (1): 62-65 JAN-MAR 2002	2002	materials
290.	Janicki J	Nanostructure and thermal behaviour of liquid crystalline oligoester	Acta Physica Polonica A 101 (5): 761-766 2002	2002	physics: general
291.	Janicki J	Nanostruktura i właściwości termiczne wybranych materiałów polimerowych: rozprawa habilitacyjna	Bielsko-Biała : Wydaw. Akademii Techniczno-Humanistyczne	*2002*	materials
292.	Janicki J	Nanostructure of melt-processable molecular composites	FIBRES & TEXTILES IN EASTERN EUROPE 11 (5): 101-103 Sp. Iss. SI JAN-DEC 2003	2003	materials
293.	Janicki J	Time-resolved small-angle X-ray scattering and wide-angle X-ray diffraction studies on the nanostructure of melt-processable molecular composites	Journal of Applied Crystallography 36: 986-990 Part 4 AUG 2003	2003	crystallography
294.	Janicki J	SAXS and WAXD real time studies on nanostructure of selected polymer materials	Journal of Alloys & Compounds 382 (1-2): 61-67 2004	2004	materials
295.	Janicki J	Synchrotronowe badania nanostruktury izotaktycznego polipropylenu	Materiały Polimerowe Pomerania-Plast 2004: streszczenia,Szczecin-Międzyzdroje, 2-4 czerwca 2004 Politechnika Szczecińska Instytut Polimerów.-Szczecin: Wydawnictwo Uczelniane Politechniki Szczecińskiej, 2004 s.126-127 May 17-21.2004	2004	materials
296.	Janicki J, A. Włochowicz, S. Rabiej.	Synchrotronowe badania nanostruktury polimerów.Synchrotron Investigations of Polymer Nanostructure	Modyfikacja polimerów: XVI Konferencja naukowa : materiały,Polanica Zdrój, 23-26 września 2003/[org.] Instytut Technologii Organicznej i Tworzyw Sztucznych Politechniki Wrocławskiej [i in.].-Wrocław: Oficyna Wydawnicza Politechniki Wrocławskiej,2003	2003	materials

			s.37-40		
297.	Janicki J, Rabiej S, Wlochowicz A	Synchrotron investigations of polyethylene materials nanostructures	POLIMERY-W 49 (4): 248-256 2004	2004	materials
298.	Janowitz C, Orlowski N, Manzke R, Golacki Z.	On the band structure of HgTe and HgSe-view from photoemission.	Journal of Alloys & Compounds, vol.328, 2001, pp.84-89.	2001	materials
299.	Janowski R, Kozak M, E.Jankowska, Z.Grzonka, A.Grubb, M.Abrahamson, Jaskolski M	Human cystatin C, an amyloidogenic protein, dimerizes through three-dimensional domain swapping.	Nature Structural Biology 8, 2001 316-320	2001	biology
300.	Janowski R, Kozak M, M.Abrahamson, A.Grubb, Jaskolski M	3D Domain-swapped human cystatin C with amyloidlike intermolecular β-sheets.	Proteins: Structure, Function, and Bioinformatics 61, 2005 570-578	2005	biology
301.	Janowski R, M.Abrahamson, A.Grubb, Jaskolski M	3D Domain-Swapped Dimers of N-Truncated Human Cystatin C.	Journal of Molecular Biology 341, 2004 151-160	2004	biology
302.	Janowski R. Bujacz G. Gerlach D. Jaskolski M	Crystallization and preliminary crystallographic studies of Streptococcus pyogenes cysteine protease precursor.	Acta Crystallographica D: Biological Crystallography 58, 2002 723-726	2002	crystallography: biological
303.	Jaskolski M	3D domain swapping, protein oligomerization, and amyloid formation	Acta Biochimica Polonica 48 (4): 807-827 2001	2001	chemistry: biological
304.	Jaskolski M, A.Addlagatta	Protein Structure Dissected at Ultra High Resolution	Methods in Macromolecular Crystallograph (NATO Science Series I : Life and Behavioural Sciences, Volume 325)- L.Johnson eds. IOS Press (Amsterdam ; Washington, DC) 2001, pp. 156-172	2001	crystallography
305.	Jaskolski M, Kozak M, J.Lubkowski, G.Palm, A.Wlodawer	Structures of two highly homologous bacterial L-asparaginases: a case of enantiomorphic space groups.	Acta Crystallographica D: Biological Crystallography 57, 2001 369-377	2001	crystallography: biological
306.	Jaskolski M, M.Li, G.Laco, A.Gustchina, A.Wlodawer	Molecular replacement with pseudosymmetry and model dissimilarity: a case study.	Acta Crystallographica D: Biological Crystallography 62, 2006208-215.	2006	crystallography: biological
307.	Jaskolski M, Wlodawer A	A minimalist's approach to the phase problem - Phasing selenomethionyl protein structures using Cu K alpha data	Acta Crystallographica D: Biological Crystallography 52: 1075-1081 1996	1996	crystallography: biological
308.	Jasny J, Teubner U, Theobald W, Wülker C, Bergmann J, Schafer FP	A single-shot spectrograph for the soft x-ray region	Review of Scientific Instruments, May94, Vol. 65 Issue 5, p1631, 5p; (AN 9785827)	1994	sources instruments
309.	Jedrzejczak R, Dauter Z, Dauter M, Piatek R, Zalewska B, Mroz M, Bury K, Nowicki B, Kur J	Structure of DraD invasin from uropathogenic Escherichia coli: a dimer with swapped β-tails.	Acta Crystallographica: Section D, Feb2006, Vol. 62 Issue 2, p157-164	2006	crystallography: biological
310.	Jiricek P, M. Cukr, I. Bartos, J. Sadowski	Electron mean free path for GaAs(1 0 0)-c(4 x 4) at very low energies	Surface Science 566–568, 1196 (2004)	2004	surface science
311.	Joyce JJ, J.M. Wills, T. Durakiewicz, M.T. Butterfield, Guziewicz E, K.S. Graham, J.L. Sarrao, A.J. Arko, E.D. Bauer, D.P. Moore, L.A. Morales and O. Eriksson	Localized and itinerant states in Pu materials"	MRS Proceedings (submitted)	2006	materials

312.	Juha L, Bittner M, Chvostova D, Krasa J, Otcenasek Z, Prag AR, Ullschmied J, Pientka Z, Krzywinski J, Pelka JB, Wawro A, Grisham ME, Vaschenko G, Menoni CS, Rocca JJ	Ablation of organic polymers by 46.9-nm-laser radiation	Applied Physics Letters 86 (2005) 034109	2005	physics: applied
313.	Juha L, Bittner M, Chvostova D, Letal V, Krasa J, Otcenasek Z, Kozlova M, Polan J, Prag AR, Rus B, Stupka M, Krzywinski J, Andrejczuk A, Pelka JB, Sobierajski R, Ryc L, Feldhaus J, Boody FP, Grisham ME, Vaschenko GO, Menoni CS, Rocca JJ	XUV-laser induced ablation of PMMA with nano-, pico-, and femtosecond pulses	Journal of Electron Spectroscopy and Related Phenomena 144 (2005) 929-932 Sp. Iss.	2005	spectroscopy
314.	Juha L, Krasa A., Cejnarova A., Chvostova D., Vorlicek V., Krzywiński J., Sobierajski R., Andrejczuk A., Jurek M., Klinger D., Fiedorowicz H., Bartnik A., Pfeifer M., Kubat P., Pina L., Kravarik J., Kubeś P., Bakshaev Y., Korolev D., Chernenko A., V. D. Korolev, M. I. Ivanov, M. Scholz, L. Ryc, J. Feldhaus, J. Ullschmied, F. P. Boody	Ablation of various masterials with intense XUV radiation	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment), vol.507, 2003, pp. 577-581,	2003	sources instruments
315.	Juha L, Prag A., Krasa A., Cejnarova A., Kralikova B., Skala J., Chvostova D., Vorlicek V., Krzywiński J., Andrejczuk A., Jurek M., Klinger D., Sobierajski R., Fiedorowicz H., Bartnik A., Pina L., Kravarik J., Kubeś P., Bakshaev Y., Chernenko A.,	Ablation of organic polymers and elemental solids induced by intense XUV/EUV radiation	AIP Conference Proceedings, vol.641 (1), 2002, pp. 504-509 (American Institute of Physics)	2002	physics: general
316.	Juha L., Bittner M., Chvostová D., Krása J., Kozlová M., Pfeifer M., Polan J., Präg A.R., Rus B., Stupka M., Feldhaus J., Létal V., Otcenasek Z., Krzywinski J., Nietubyc R., Pelka J.B., Andrejczuk A., Sobierajski R., Ryc L., Boody F.P., Fiedorowicz H., Bartnik A., Mikolajczyk J., Rakowski R., Kubát P., Pína L., Horváth M., Grisham M.E., Vaschenko G.O., Menoni C.S., and Rocca J.J.	Short-wavelength ablation of molecular solids: pulse duration and wavelength effects	Journal of Microlith. Microfab. Microsyst. 4, 033007 (2005)	2005	materials
317.	Juha L., Bittner M., Chvostova D., Letal V., Krasa J., Otcenasek Z., Kozlova M., Polan J., Prag A.R., Rus B., Stupka M., Krzywiński J., Andrejczuk A., Pelka J., Sobierajski R.H., Ryc L., Feldhaus J., Boody F.P., Fiedorowicz H., A. Bartnik, Mikolajczyk J., Rakowski R., Kubat P., Pina L., Grisham M.E., Vaschenko G.O., Menoni C.S., Rocca J.J.	Short-wavelength ablation of solids: pulse duration and wavelength effects	Proceedings of SPIE, vol.5534, (November 2004) pp. 95-107, Fourth Generation X-Ray Sources and Optics II; (Sandra G. Biedron, Wolfgang Eberhardt, Tetsuya Ishikawa, Roman O. Tatchyn; Eds). 95 - 107,	2004	sources instruments
318.	Kaczmarek SM, A. Wojtowicz, W. Drozdowski, C. Koepke, M. Grindberg, J. Kisielewski, R. Jablonski, G. Boulon, G. Zimmerer	Controlling of the charge state in laser crystals	Biuletyn WAT, XL VIII , 105 (1999)	1999	science: general
319.	Kaczmarek,SM, Wojtowicz AJ, Drozdowski W, Koepke C, Wisniewski K, Kisielewski J, Jablonski R, Grinberg M, Barzowska J, Kuklinski B, Zimmerer G, Moroz Z,	Changes in optical properties of YAG:Ce single crystals due to codoping and ionizing radiation treatment	Proceedings of SPIE Vol. 3724 (1999), p. 339-345, International Conference on Solid State Crystals '98: Single Crystal Growth, Characterization, and	1999	physics: solid state

	Rzewuski H		Applications, Andrzej Majchrowski; Jerzy Zielinski; Eds		
320.	Kahn R, Carpentier P, Berthet-Colominas C, et al.	Feasibility and review of anomalous X-ray diffraction at long wavelengths in materials research and protein crystallography	Journal of Synchrotron Radiation 7: 131-138 Part 3 MAY 2000	2000	sources instruments
321.	Kalinowski R, Baczewski LT, Domagala J, Dynowska E, Pelka JB, Wawro A, Szewczyk A.	X-ray and magnetic study of epitaxial W/Gd/W and W/Tb/W thin films.	Journal of Alloys & Compounds 286,1-2, (1999) 333-336.	1999	materials
322.	Kalska B, Haggstrom L, Lindgren B, et al.	Magnetic properties of monocrystal Fe-57/V multilayers investigated by CEMS, nuclear resonance reflectivity in the time domain and polarized neutron scattering	Hyperfine Interactions 136 (3): 295-300 2001	2003	surface
323.	Kang BS, Cooper DR, Jelen F, Devedjiev Y, Derewenda U, Dauter Z, Otlewski J, Derewenda ZS	PDZ tandem of human syntenin: Crystal structure and functional properties	Structure 11 (4): 459-468 APR 2003	2003	crystallography
324.	Kaprzyk S	Spin density in real and momentum space in multi-atom alloys by KKR-CPA method	Acta Physica Polonica A 91 (1): 135-150 1997	1997	physics: general
325.	Kapusta C, Mycielski R, Porebska B, Ahlers D, Attenkofer K, Fischer P, Schutz G	X-MCD study of expanded lattice permanent magnet materials	Acta Physica Polonica A 91 (5): 975-979 MAY 1997	1997	physics: general
326.	Kapusta C, P. Fischer, G. Schutz	Magnetic X-ray absorption spectroscopy	Journal of Alloys & Compounds 286 , 37 (1999)	1999	materials
327.	Kapusta C, PC Riedi, W. Kocemba, G.J. Tomka, M.R. Ibarra, J.M. De Teresa, M. Viret, J.M.D. Coey	A 55Mn nuclear magnetic resonance study of mixed-valence manganites	Journal of Physics-Condensed Matter 11 , 4079 (1999)	1999	physics: solid state
328.	Kapusta C, Riedi PC	NMR spectroscopy in mixed valence manganites	Journal of Magnetism & Magnetic Materials, 196-197 , 446 (1999)	1999	materials
329.	Kapusta Cz.	NMR spectroscopy in rare earth - 3d transition metal alloys	Journal of Alloys & Compounds 275-277 , 161 (1998)	1998	materials
330.	Kapusta Cz., I.S. Oliveira, P.C. Riedi, E. Gratz, G. Wiesinger, H. Figiel, A.P. Guimaraes	A nuclear magnetic resonance study of SmCo2	Journal of Magnetism & Magnetic Materials, 177-181 , 1121 (1998)	1998	materials
331.	Karbowiak M, A. Mech, W. Ryba-Romanowski	Optical properties of Eu3+ : CsGd2F7 downconversion phosphor	Journal of Luminescence 114, 65-70 (2005)	2005	optics
332.	Kaszkur ZA, R.H.Jones, D.Waller, C.R.A.Catlow, J.M.Thomas,	Combined Rietveld- molecular dynamics powder diffraction approach to the location of molecules in porous solids: application to 1,4 dibromobutane in zeolite Y.	Journal of Physical Chemistry 97 ,426-431(1993).	1993	chemistry: physical
333.	Kaszkur ZA, R.H.Jones, J.W.Couves, D.Waller, C.R.A.Catlow, J.M.Thomas,	Locating the sites of sorbed chloroform and dichlorobenzene in a zeolite solid: a synchrotron based diffraction study of zeolite Y at room temperature.	Journal of Physics & Chemistry of Solids 52 ,1219 (1991).	1991	physics: solid state
334.	Kaszkur ZA, R.H.Jones, R.G.Bell, C.R.A.Catlow, J.M.Thomas,	The location of para-xylene in the pores of a model ferrierite catalyst: a powder diffraction and computational study,	Molecular Physics, 89, 1345-1357(1996).	1996	physics: general

335.	Katrusiak A, Dauter Z	Compressibility of lysozyme protein crystals by X-ray diffraction	Acta Crystallographica D: Biological Crystallography 52: 607-608 1996	1996	crystallography: biological
336.	Katrusiak A, Kowalski A, Kucharczyk D, et al.	Crystal structure of (-)-Delta(16(17))-dehydrolupaninium perchlorate from sealed-tube and synchrotron X-ray diffraction data	Journal of Molecular Structure 474: 245-253 Sp. Iss. SI 1999	1999	crystallography
337.	Kim MH, Cierpicki T, Derewenda U, Krowarsch D, Feng YY, Devedjiev Y, Dauter Z, Walsh CA, Otlewski J, Bushweller JH, Derewenda ZS	The DCX-domain tandems of doublecortin and doublecortin-like kinase	Nature Structural Biology 10 (5): 324-333 MAY 2003	2003	biology
338.	Kirm M, A. Andrejczuk, J. Krzywinski, R. Sobierajski	Influence of excitation density on luminescence decay in Y3Al5O12 : Ce and BaF2 crystals excited by free electron laser radiation in VUV	Physica Status Solidi (c), 2, 649-652 (2005)	2005	physics: solid state
339.	Kisiel A	Spektroskopia optyczna w próżniowym nadfiolecie	Postępy Fizyki, 28. 515 (1977)	1977	physics: general
340.	Kisiel A	Promieniowanie synchrotronowe w charakteryzacji kryształów	Materialy Elektroniczne, 25, 3, 56, (1997), Warszawa, ITME, Biuletyn PTWK nr 9.	1997	materials
341.	Kisiel A	XAS characterization of semiconductor compounds and some biological systems	Synchrotorn radiation Studies of Materials (Warsaw 1999 p 73-88	1999	sources instruments
342.	Kisiel A, Ali Dahr A-I, Lee PM, G. Dalba, P. Fornasini, E. Burattini	X-ray near-edge structure of the II-VI compounds containing manganese: Experimental and theoretical studies of Cd1-xMnxTe and Zn1-xMnxTe	Physical Review B -Condensed Matter 44, 11075–11084 (1991)	1991	physics: solid state
343.	Kisiel A, Ali Dahr A-I, Lee PM, G.Dalba, P.Fornasini, E.Burattini	XANES of the II-VI Group Ternary Compounds: Experimental and Theoretical Studies of Te L Edges for $Cd_{0.5}Hg_{0.5}Te$ and $Cd_{0.5}Zn_{0.5}Te$	Proc. "2nd European Conf. on Progress in X -Ray Synchrotron Radiation Research ", vol. 25, ed. A. Balerna, E. Bernieri, and S.Mobilio, SIF, Bologna 1990, p.851	1990	sources instruments
344.	Kisiel A, Ali Dahr A-I, Lee PM, G.Dalba P.Fornasini, E.Burattini	X-Ray Near Edge of the II - VI Group Ternar Compounds: Experimental and Theoretical S CdHgTe and CdZnTe	Physical Review B -Condensed I 11114, (1990)	1990	physics: general
345.	Kisiel A, Ali Dahr A-I, Lee PM, G.Dalba, P.Fornasini, F.Rocca, E.Burattini,	XANES of the II-VI Group Ternary Compounds with Manganese: Experimental and Theoretical Studies of $Cd_{1-x}Mn_xTe$ and $Zn_{1-x}Mn_xTe$	Proc. "2nd European Conf. on Progress in X-Ray Synchrotron Radiation Research", vol. 25, ed A. Balerna, E.Bernieri, and S.Molilio, SIF Bologna 1990, p.855.	1990	sources instruments
346.	Kisiel A, Burattini E, P.M.Lee, G.Dalba, P. Fornasini, W.Giriat,	XANES Spectroscopy of CdFeTe and Hypothetical Zinc Blende FeTe	Journal of Applied Physics, 69, 6119, (1991)	1991	physics: applied
347.	Kisiel A, Burattini E, P.M.Lee, G.Dalba, P.Fornasini, W.Giriat,	XANES Spectroscopy of CdFeTe and Hypothetical Zinc Blende FeTe	X-Ray Absorption Fine Structure in X-Ray Absorption Fine Structure, ed. S. Samar Hasnain Ellis Harwood, New York 1991, p.332	1991	physics: solid state

348.	Kisiel A, Czarnecka-Such E, P.M. Lee, E. Burattini, W. Giriat	An Analysis of Zn and Se K Edges XANES Spectra for ZnMeSe, (Me=Ni, Cr, V and Ti)	Journal de Physique IV France 7, C2, 1199 (1997).	1997	physics
349.	Kisiel A, Czarnecka-Such E, P.M. Lee, E. Burattini, W. Giriat,	Se and Zn Edges XANES Analysis of ZnSe Ternary Compounds with Transition Metals (TM): Experimental and Theoretical Studies	Universitatis Jagellonicae, Folia Physica, XXXIX, 123 (1998).	1998	physics: general
350.	Kisiel A, Dalba G, P. Fornasini, M. Podgórny, J. Oleszkiewicz, F. Rocca, E. Burattini	X-ray-absorption spectroscopy of ZnTe, CdTe, and HgTe: Experimental and theoretical study of near-edge structures	Physical Review B -Condensed Matter 39, 7895–7904 (1989)	1989	physics: solid state
351.	Kisiel A, Dalba G, P.Fornasini, Podgorny M, Oleszkiewicz J, F.Rocca, E.Burattini,	X-ray absorption spectroscopy of ZnTe CdTe and HgTe: experimental and theoretical study of near-edge structures	Proc. 19'"Internat. Conf. on the Physics of Semiconductors, Warsaw, ed. W.Zawadzki, Institute of Physics, Polish Academy of Sciences, p.921,(1988)	1988	physics: solid state
352.	Kisiel A, Lazewski J, ZimnalStamawska M, et al.	Site occupation preferences in CdMnTeSe quaternary alloys. EXAFS data analysis	Journal de Physique IV 7 (C2): 1197-1198 Part 2 APR 1997	1997	physics: general
353.	Kisiel A, Lazewski J, ZimnalStarnawska M, et al.	Manganese distribution in CdMnTeSe crystals. EXAFS data analysis	Acta Physica Polonica A 90 (5): 1032-1034 NOV 1996	1996	physics: general
354.	Kisiel A, Lee PM, Czarnecka-Such E, et al.	XANES analysis of ZnSe ternary compounds with transition metals (TM): experimental and theoretical LMTO studies	Journal of Alloys & Compounds 284 (1-2): 1-9 Mar 4 1999	1999	materials
355.	Kisiel A, Lee PM, E.Burattini, G.Dalba, P. Fornasini, W.Giriat,	X-ray absorption near edge structure analysis of CdFeTe : XANES experiment and theoretical LMTO calculations	Solid State Commun. 81 ,151, (1992)	1992	physics: solid state
356.	Kisiel A, Oleszkiewicz J, A.Rodzik, F.Antonangeli, M.Piacentini, Zema N Balzarotti A and A.Mycielski,	The Influence of 3d Mn Electrons on the Cd_{1-x} Mn_xTe Fundamental Reflectivity Spectra	Acta Physica Polonica A 71, 231 (1987)	1987	physics: general
357.	Kisiel A, Oleszkiewicz J, J.Goniakowski, R.Markowski, E.Burattini, G.Dalba, F.Rocca,	The XANES K-edge Spectra for HgMnSe and HgFeSe	Acta Physica Polonica A 80, 373, (1991)	1991	physics: general
358.	Kisiel A, Oleszkiewicz J, Podgorny M, G.Dalba, F.Rocca, E.Burattini,	The X-Ray Absorption Spectroscopy of $Cd_{0.5}Mn_{0.5}Te$ and MnTe	Proc.IV Internat. Conf. on II-VI Compounds, Berlin(West), (1989)	1989	materials
359.	Kisiel A, Oleszkiewicz J, Podgorny M, G.Galba,F.Rocca, E.Burattini,	The X-ray Absorption Spectroscopy of CdMnTe and MnTe	Journal of Crystal Growth, 101, 237, (1990).	1990	crystal growth
360.	Kisiel A, Piacentini M, Debowska D, N Zema, F Lama, M Zimnal-Starnawskay, W Giriatk, A Ho lday and R Markowskiy	The influence of transition metals on the electronic structure of ZnSe host crystal: fundamental reflectivity analysis	Journal of Physics-Condensed Matter 9 (41): 8767-8786 OCT 13 1997	1997	physics: solid state
361.	Kisiel A, Piacentini M, F Antonangeli, J Oleszkiewicz, A, Rodzik, N Zema and A Mycielski	Room-temperature fundamental reflectivity spectra of Cd1-xMnxTe in the 0.5-30 eV energy range	Journal of Physics C: Solid State Phys. 20 (1987) 5601-5612	1987	physics: condensed matter
362.	Kisiel A, Piacentini M, F.Antonangeli, Zema N, A.Mycielski,	$Cd_{1-x}Fe_xTe$ Room Temerature Fundamental Reflectivity Spectra in 4-10 eV Energy Range	Solid State Commun. 70, 693 (1989)	1989	physics: solid state

363.	Kisiel A, Zajdel P, M. Zimnal-Starnawska, P.M. Lee, F. Boscherini, E. Burattini, W. Giriat,	Conduction band studies of iron monochalcogenides: XANES analysis and LMTO numerical calculations	Universitatis Jagellonicae, Folia Physica, XXXIX, 131 (1998).	1998	physics: general
364.	Kisiel A, Zajdel P, P.M. Lee, E. Burattini, W. Giriat,	XANES Study of K Edges of Fe, Co, Ni, and Se in Transition Metal Selenides. Experiment and Comparison with LMTO Numerical Calculations	Journal of Alloys & Compounds 286, 61-65, (1999).	1999	materials
365.	Kisiel A, Zimnal- Starnawska M, F.Antonangeli, M.Piacentini, Zema N,	d-Core Transitions in ZnTe, CdTe and HgTe	Il Nuovo Cimento, 8D, 436 (1986)	1986	physics: solid state
366.	Kityk IV, Kasperczyk J, Andrievskii BV	Energy band structure of KLiSO4 single crystals	PHYSICS LETTERS A 216 (1-5): 161-166 JUN 17 1996	1996	physics: general
367.	Klepka M, Lawniczak-Jablonska K., Jablonski M., Wolska A., Minikayev R., Paszkowicz W., Przepiera A., Spolnik Z., Van Grieken R.	Combined XRD, EPMA and X-ray absorption study of mineral ilmenite used in pigments production	Journal of Alloys & Compounds 401, 1-2, 2005, pp.281-288	2005	materials
368.	Klik MAJ, Gregorkiewicz T, Yassievich IN, et al.	Terahertz modulation of the blue photoluminescence in ZnSe	Physical Review B -Condensed Matter 72 (12): Art. No. 125205 2005	2005	physics: solid state
369.	Klimczyk P, Benko E., Lawniczak-Jabłońska K., Piskorska E., Heinonen M.H., Ormaniec A., Gorczynska-Zawislan W., Urbanovich V.S.,	Cubic boron nitride-Ti/TiN composites: hardness and phase equilibrium as function of temperature	Journal of Alloys & Compounds, vol.382, 2004, 195-205,	2004	materials
370.	Klinger D., Lefeld-Sosnowska M., Pelka J., Paszkowicz W., Gierłowski P., Pankowski P.,	Study of Si-implanted and thermally annealed layers of silicon by using X-ray grazing incidence methods	Acta Physica Polonica A vol.101(5), 2002, pp. 795-801,	2002	physics: general
371.	Kmiec D, Sepiol B, Sladecek M, et al.	Diffusion of iron in an near-surface of Fe3Si investigated by-nuclear resonant scattering of synchrotron radiation	Defect Diffus Forum 237-240: 1222-1224 2005	2005	physics: solid state
372.	Koellner G, Luic M, Shugar D, et al.	Crystal structure of calf spleen purine nucleoside phosphorylase in a complex with hypoxanthine at 2.15 angstrom resolution	Journal of Molecular Biology 265 (2): 202-216 JAN 17 1997	1997	biology
373.	Koellner G, Luic M, Shugar D, et al.	Crystal structure of the ternary complex of E-coli purine nucleoside phosphorylase with formycin B, a structural analogue of the substrate inosine, and phosphate (sulphate) at 2.1 angstrom resolution	Journal of Molecular Biology 280 (1): 153-166 JUL 3 1998	1998	biology
374.	Koloczek J, A. Brodka, A. Burian, J.C. Dore, V. Honkimaki, T. Kyotani,	Structural studies of carbon nanotubes obtained by template deposition using highenergy X-ray scattering	Diamond and Related Materials, (2005) in print	2005	materials
375.	Koloczek J, Burian A	Computation of powder diffraction patterns for carbon nanotubes	Journal of ALLOY COMPD 382 (1-2): 123-127 NOV 17 2004	2004	materials
376.	Koloczek J, Hawelek L, Burian A, Dore J.C, Honkimäki, V, Kyotani, T.	Modelling studies of carbon nanotubes—Comparison of simulations and X-ray diffraction data,	Journal of Alloys & Compounds 401 (2005) 46-50	2005	materials
377.	Kolodziejczyk R. Kochman M. Bujacz G. Dobryszycki P. Ozyhar A. Jaskolski M.	Crystallization and preliminary crystallographic studies of Juvenile Hormone Binding Protein from Galleria mellonella hemolymph.	Acta Crystallographica D: Biological Crystallography 59, 2003 519-521.	2003	crystallography: biological

378.	Konior J, Kisiel A	Statistical models of the local structure in ternary and quaternary zinc-blende structures	Journal of Alloys & Compounds 371 (1-2): 20-24 2004	2004	materials
379.	Konior J, Oleszkiewicz J, Kisiel A, Czarnecka-Such E, Burattini E, Mycielski A	Electronic properties of CdSe and Cd1-xFexSe wurtzite compounds: XANES measurements and analysis	Journal of Alloys & Compounds 2001; 328: 143-8	2001	materials
380.	Kontrym-Sznajd G, Samsel M, West RN	Reconstruction of densities from Compton profiles with applying Jacobi polynomials	Acta Physica Polonica A 95 (4): 591-595 1999	1999	physics: general
381.	Korecki P, G. Materlik	Real-space imaging of atomic structure with white x-rays	Physical Review Letters 86 , 2333 (2001)	2001	physics: general
382.	Korecki P, G. Materlik, J. Korecki	Complex x-ray hologram: solution of twin images problem in atomic resolution imaging	Physical Review Letters 86 , 1534 (2001)	2001	physics: general
383.	Korecki P, Novikov DV, Tolkiehn M, Materlik G	Extinction effects in x-ray holographic imaging with internal reference	PHYSICAL REVIEW B 69 (18): Art. No. 184103 2004	2004	physics: solid state
384.	Korecki P, Tolkiehn M, Novikov DV, Materlik G, Szymonski M	X-ray tomographic imaging of crystal structure at atomic level	Physical Review Letters 96, 035502 (2006)	2006	physics: general
385.	Kovacs P, Husek I, Melisek T, Grivel JC, Pachla W, Strbik V, Diduszko R, Homeyer J, Andersen NA	The role of MgO content in ex-situ MgB2 wires	Superconductor Science & Technology 17, L41 - 46 (2004)	2004	physics: solid state
386.	Kowalik IA, Kowalski B., Orlowski B., Łusakowska E., Iwanowski R., Mickevicius S., Johnson R.L., Grzegory I., Porowski S.,	Photoemission study of Mn/GaN	Surface Science 566-568, 2004, 457-461	2004	surface science
387.	Kowalik IA, Kowalski BJ, Kaczor P, Orlowski BA, Lusakowska E, Johnson RL, Houssiau L, Brison J, Grzegory I, Porowski S	Resonant photoemission study of Ti interaction with GaN surface	Surface Science 600 (4): 873-879 FEB 15 2006	2006	surface science
388.	Kowalski B, Iwanowski R, Sadowski J, Kowalik IA, Kanski J, Grzegory I, Porowski S	Electronic structure of GaN(0001)-(1x1) surface - an angle resolved photoemission study	Institute of Physics Conference Series, vol.171, 2003, pp. C4.5 (1-8)	2003	physics: general
389.	Kowalski B., Iwanowski R., Sadowski J., Kanski J., Grzegory I., Porowski S.,	Surface states on GaN(0001)(1x1) - an angle-resolved photoemission study	Surface Science 507-510, 2002, 186-191	2002	surface science
390.	Kowalski B., Iwanowski R., Sadowski J., Kowalik I.A., Kanski J., Grzegory I., Porowski S	Electronic structure of GaN (0001)-(1x1) surface	Surface Science 548, 2004, 220-230	2004	surface science
391.	Kowalski B., Kowalik I.A., Iwanowski R., Łusakowska E., Sawicki M., Sadowski J., Grzegory I., Porowski S.,	MnAs overlayer on GaN(0001)-(1x1) - its growth, morphology and electronic structure	Acta Physica Polonica A vol.105 (6), 2004, 645-650	2004	physics: general
392.	Kowalski BJ, A. Cricenti, Guziewicz E, W.M. Tong, Orlowski BA	Surface Electronic Structure of CdTe Studied by Means of Optical and Electron Spectroscopies	Proc. 23 Inter. Conf.Phys.Semiconductors, 2, 867 (1996), Berlin, Germany 1996	1996	physics: solid state
393.	Kowalski BJ, Ghijsen J, Golacki Z, Guziewicz E, Story T, Arciszewska M, Orlowski BA, Johnson RL.	Resonant photoemission study of rare earth 4f states in Sn1-xGdxTe.	Journal of Electron Spectroscopy & Related Phenomena, vol.88-91, 1998, pp.327-331.	1998	spectroscopy

			pp.327-331.		
394.	Kowalski BJ, Golacki Z, Guziewicz E, Kozanecki A, Orlowski BA, Ghijsen J, Johnson RL.	Rare earth 4f states in A1-xREx IVB VI diluted magnetic semiconductors.	Journal of Alloys & Compounds, vol.286, no.1-2, 1999, pp.121-127.	1999	materials
395.	Kowalski BJ, Golacki Z, Guziewicz E, Orlowski BA, Ghijsen J, Johnson RL.	4f contribution to valence band of Pb1-xRExS (RE=Eu, Gd) studied by resonant photoemission.	Acta Physica Polonica A, vol.90, no.5, 1996, pp.1035-1039.	1996	physics: general
396.	Kowalski BJ, Golacki Z, Guziewicz E, Orlowski BA, Ghijsen J, Johnson RL.	Resonant photoemission study of Gd 4f states in IV-VI crystals.	Acta Physica Polonica A vol.91, no.4, 1997 819-823.	1997	physics: general
397.	Kowalski BJ, Golacki Z, Guziewicz E, Orlowski BA, Ghijsen J, Johnson RL.	Resonant photoemission study of rare earth 4f states in AIV1-xRExBVI diluted magnetic semiconductors.	Institute of Physics Conference Series. 152 G : Magnetic Materials, 1998, pp.885-888.	1998	materials
398.	Kowalski BJ, Golacki Z, Guziewicz E, Orlowski BA, Johnson RL.	4f shell of Gd2+ and Gd3+ ions in Sn1-xGdxTe - resonant photoemission study.	Acta Physica Polonica A 92, no.5, 1997, pp.875-878.	1997	physics: general
399.	Kowalski BJ, Golacki Z, Guziewicz E, Orlowski BA, Masek J, Ghijsen J, Johnson R.	Resonant photoemission spectra of $Zn_{1-x}Co_xS$ valence band.	Acta Physica Polonica A, vol.86, no.5, 1994, pp.831-836.	1994	physics: general
400.	Kowalski BJ, Guziewicz E, B.A. Orlov Z. Gołacki, E. Janik, T. Wojtowicz, Ghi J,Johnson RL,	Resonant Photoemission - a Tool For Semiconductor Band Structure Studies	Synchrotron Radiation Studies of Materials, ISBN 83-913171-0-2, Warsaw University Press, 1999, pp.89-100	1999	sources instruments
401.	Kowalski BJ, Guziewicz E, K. Kopalko, Orlowski BA, E. Janik, T. Wojtowicz	Valence band density of states and Mn 3d contribution in Sn1-xMnxTe	Acta Physica Polonica A 94, 454 (1998).	1998	physics: general
402.	Kowalski BJ, Guziewicz E, K. Kopalko, Orlowski BA, E. Janik, T. Wojtowicz	Valence Band Density of States and Mn3d Contribution in Mn(1-x)Mg(x)Te	Acta Physica Polonica A 94, 401 (1998)	1998	physics: general
403.	Kowalski BJ, Guziewicz E, Orlowski BA, A. Cricenti	Optical and Photoemission Study of Surface Electronic States and Surface Oxidation on CdTe(110)	Applied Surface Science 142 (1999) 33-37	1999	surface
404.	Kowalski BJ, Guziewicz E, Orlowski BA, et al.	Band structure of MBE-grown ZB-MnTe/CdTe-optical and photoemission studies	Thin Solid Films 267 (1-2): 69-73 OCT 15 1995	1995	surface science
405.	Kowalski BJ, Iwanowski RJ, J. Sadowski, I.A. Kowalik, J. Kanski, I. Grzegory, S. Porowski	Electronic structure of GaN(0001) surface	Surface Science. 548, 220 (2004)	2004	surface science
406.	Kowalski BJ, Iwanowski RJ, K. Kopalko, Orlowski BA, J. Sadowski, J. Kanski, L. Plucinski, R.L.Johnson, I. Grzegory, S. Porowski,	Azotek galu - nowy rozdzial w badaniach powierzchniowej struktury polprzewodnikow"	Elektronika 8, 923 (2001)	2001	technology
407.	Kowalski BJ, Kowalik IA, Iwanowski RJ, Sadowski J, Kanski J, Orlowski BA, Ghijsen J, Mirabella F, Lusakowska E, Perlin P, Porowski S, Grzegory I, Leszczynski M	Surface and electronic structure of Ga0.92In0.08N thin film investigated by photoelectron spectroscopy	Thin Solid Films 476 (2005) 396-404	2005	surface science
408.	Kowalski BJ, Orlowski BA, Ghijsen J	XPS study of CdTe (110) surface oxidation process	Surface Science 412/413, 544-554 (1998)	1998	surface science

409.	Kowalski BJ, Orlowski BA, Ghijsen J,	Oxide Formation on the CdTe(111)A(1x1) Surface	Applied Surface Science 166 (2000) 237-241	2000	surface
410.	Kowalski BJ, Orlowski BA, Janik E, Johnson RL	Mn 3d derived contribution to the valence band of MBE grown cubic MnTe	Journal of Alloys & Compounds 328 (1-2): 149-155 2001	2001	materials
411.	Kowalski BJ, Orlowski BA, P. Kaczor, M. Pietrzyk, K. Kopalko, S. Mickievicius, Johnson RL	Band structure of Mn/ZnTe studied by angle-resolved photoelectron spectroscopy	Acta Physica Polonica A 108 (2005) 735-740	2005	physics: general
412.	Kowalski BJ, Plucinski L, Kopalko K, Iwanowski RJ, Orlowski BA, Johnson RL, Grzegory I, Porowski S.	Photoemission studies on GaN(0001) surfaces.	Surface Science 482-485 (2001)740-745	2001	surface science
413.	Kowalski BJ, W. Szuszkiewicz, Orlowski BA, Z.Q. He, L. Ilver, J. Kanski, P.-O. Nilson	Photoemission study of beta-HgS	Journal of Electron Spectroscopy and Related Phenomena 85, 17 (1997)	1997	spectroscopy
414.	Kowalski BJ, Z. Golacki, Guziewicz E, Orlowski BA, Johnson RL	The 4f Shell of Gd2+ and Gd3+ Ions in Sn1-xGdxTe - A Resonant Photoemission Study	Acta Physica Polonica A 92, 875 (1997)	1997	physics: general
415.	Kowalski G, Gronkowski J, Harasimowicz T, et al.	X-ray diffraction study of porous silicon layers etched on (111)-oriented p(+) substrate	NUOVO CIMENTO D 19 (2-4): 561-570 1997	1997	physics: general
416.	Kowalski G, Moore M, Nailer S	Application of x-ray phase-contrast imaging to polycrystalline CVD diamond	Journal of Physics D: Applied Physics 32 (10A): A166-A171 Sp. Iss. SI MAY 21 1999	1999	physics: applied
417.	Kozak M	Direct comparison of the crystal and solution structure of xylanase from Trichoderma longibrachiatum.	Protein & Peptide Letters. 11(4):301-6, 2004 .	2004	biology
418.	Kozak M	Direct comparison of the crystal and solution structure of glucose/xylose isomerase from Streptomyces rubiginosus	Protein & Peptide Letters 12 (6): 547-550 AUG 2005	2005	biology
419.	Kozak M	Glucose isomerase from Streptomyces rubiginosus - potential molecular weight standard for small-angle X-ray scattering	Journal of Applied Crystallography 38: 555-558 Part 3 JUN 2005	2005	crystallography
420.	Kozak M, D.Borek, R.Janowski, Jaskolski M	Crystallization of D90E mutant of Escherichia coli L-asparaginase II in five crystal forms.	Acta Crystallographica D: Biological Crystallography 58, 2002 130-132.	2002	crystallography: biological
421.	Kozak M, E.Jankowska, R.Janowski, Z.Grzonka, A.Grubb, M.Alvarez-Fernandez, M.Abrahamson, Jaskolski M,	Expression of a selenomethionyl derivative and preliminary crystallographic studies of human cystatin C.	Acta Crystallographica D: Biological Crystallography 55, (1999)1939-1942.	1999	crystallography: biological
422.	Kozak M, Jaskolski M,	Crystallization and preliminary crystallographic studies of a new crystal form of Escherichia coli L-asparaginase II (S58A mutant).	Acta Crystallographica D: Biological Crystallography 56, (2000) 509-511	2000	crystallography: biological
423.	Kozak M, Jaskolski M, K.H.Rohm	Preliminary crystallographic studies of Y25F mutant of periplasmic Escherichia coli asparaginase.	Acta Biochimica Polonica 47, 2000 807-814.	2000	chemistry: biological
424.	Kozak M, Jurga S	A comparison between the crystal and solution structures of Escherichia coli asparaginase II	Acta Biochimica Polonica 49 (2): 509-513 2002	2002	chemistry: biological

425.	Kozlowski M, Marciak-Kozlowska J	Possible thermal waves generation by femtosecond TESLA free electron laser (FEL)	LASER ENG 12 (2): 95-101 2002	2002	sources instruments
426.	Kralj, M.; Bailly, A.; Saint-Lager, M.-C.; Degen, S.; Krupski, A.; Becker, C.; Dolle, P.; De Santis, M.; et. al.	Temperature- and coverage-dependent evolution of the Au/Pd(110) surface structure	Surface Science Volume: 600, Issue: 12, June 15, 2006, pp. 2614-2622	2006	surface science
427.	Krawczyk TKV	Analytical applications of inhibition of enzymatic reactions	CHEM ANAL-WARSAW 43 (2): 135-158 1998	1998	chemistry
428.	Krukowski S, Witek A, Adamczyk J, Jun J, Bockowski M, Grzegory I, Lucznik B, Nowak G, Wroblewski M, Presz A, Gierlotka S, Stelmach S, Palosz B, Porowski S, Zinn P.	Thermal properties of indium nitride	Journal of Physics & Chemistry of Solids 59 , 289-295 (1998)	1998	physics & chemistry: solid state
429.	Krzywinski J, Saldin EL, Schneidmiller EA, Yurkov MV.	A new method for ultrashort electron pulse-shape measurement using synchrotron radiation from a bending magnet	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment) 401 (2-3): 429-441 1997	1997	sources instruments
430.	Krzywiński J., Jurek M., Klinger D., Nietubyc R., Pelka J., Wawro A., Sikora M., Saldin E., Schneidmiller E., Steeg B., Treusch R., Yurkov M., Bittner M., Chvostova D., Juha L., Letal V., Vorlicek V., Andrejczuk A., Reniewicz H., Sobierajski R., Kauch A.	Interaction of intense ultrashort XUV pulses with different solid - results from the TESLA test facility fel phase I	Proceedings of the 26th International FEL Conference & 11th FEL Users Workshop, August 29-September 3, 2004, Trieste, Italy, (eds.: R. Barker, L. Grannessi, M. Marsi, R. Walker) pp. 675-678	2004	sources instruments
431.	Kuck S, Soklska I, Henke M, et al.	Photon cascade emission in Pr3+-doped fluorides	Journal of Luminescence 102: 176-181 2003	2003	optics
432.	Kuck S, Sokolska I	High energetic transitions in Pr3+-doped polycrystalline LiCaAlF6 and LiSrAlF6	Journal of Electrchemical Society 149 (2): J27-J30 FEB 2002	2002	chemistry
433.	Kuck S, Sokolska I	Observation of photon cascade emission in Pr (3+)-doped LuF3 and BaMgF4	Chemical Physics Letters 364 (3-4): 273-278 2002	2002	physics: chemical
434.	Kuck S, Sokolska I	Room temperature emission from the Pr3+1S0-level in PrF3	Applied Physics A (Materials Science Processing) 77 (3-4): 469-474 AUG 2003	2003	physics: applied
435.	Kuck S, Sokolska I, Henke M, et al.	Quantum efficiency of (1)So and P-3(0,1) levels of Pr3+ doped YF3	Chemical Physics 310 (1-3): 139-144 APR 4 2005	2005	physics: chemical
436.	Kuck S, Sokolska I, Henke M, T. Scheffler, and E. Osiac	Emission and excitation characteristics and internal quantum efficiencies of vacuum-ultraviolet excited Pr3+-doped fluoride compounds	Physical Review B -Condensed Matter 71 (16): Art. No. 165112 2005	2005	physics: solid state
437.	Kuczumow A	Microprobe investigations of patterned natural and petrified biological objects	Journal of Alloys & Compounds 362 (1-2): 71-82 2004	2004	materials
438.	Kuczumow A, Chevallier P, Dillmann P, Wajnberg P, Rudas M	Investigation of petrified wood by synchrotron X-ray fluorescence and diffraction methods	Spectrochimica Acta Part B: Atomic Spectroscopy, Volume 55, Number 10, 2 October 2000, pp. 1623-1633(11)	2000	spectroscopy

439.	Kuczumow A, Chevallier P, Ro CU, et al.	Microspectrometric investigation of petrified wood from south-eastern Poland	MIKROCHIMICA ACTA 137 (3-4): 173-183 2001	2001	chemistry
440.	Kuczumow A, Genty D, Chevallier P, et al.	X-ray and electron microprobe investigation of the speleothems from Godarville tunnel	X-Ray Spectrometry 34 (6): 502-508 NOV-DEC 2005	2005	spectroscopy
441.	Kuczumow A, Genty D, Chevallier P,Nowak J, Ro C-U	Annual resolution analysis of a SW-France stalagmite by X-ray synchrotron microprobe analysis	Spectrochimica Acta B 58 (5): 851-865 MAY 30 2003	2003	spectroscopy
442.	Kuczumow A, Vekemans B, Schalm O, et al.	Analyses of petrified wood by electron, X-ray and optical microprobes	Journal of Analytical Atomic Spectrometry 14 (3): 435-446 MAR 1999	1999	spectroscopy
443.	Kuczumow A, Vekemans B, Schalm O, et al.	Application of auxiliary signals in X-ray fluorescence and electron microprobe analysis for density evaluation	X-Ray Spectrometry 28 (4): 282-291 JUL-AUG 1999	1999	spectroscopy
444.	Kuczumow A, Vekemans B, Schalm O, et al.	Analysis of speleothems by electron and X-ray microprobes	Journal of Analytical Atomic Spectrometry 16 (1): 90-95 JAN 2001	2001	spectroscopy
445.	Kuczumow, Andrzej.	Microprobe investigations of patterned natural and petrified biological objects.	Journal of Alloys & Compounds, Jan2004, Vol. 362 Issue 1/2, p71, 12p	2004	materials
446.	Kuepper K, Bondino F, Prince KC, et al.	Direct investigation of orbital ordering in a colossal magnetoresistance manganite by means of X-ray linear dichroism at the Mn L edge	Journal of Physical Chemistry B 109 (33): 15667-15670 AUG 25 2005	2005	chemistry:physical
447.	Kukk E, Riu JRI, Stankiewicz M, P. A. Hatherly, P. Erman, E. Rachlew, P. Winiarczyk, M. Huttula, S. Aksela	Dissociation of deuteromethane following carbon 1s core ionization	Physical Review A 66 (1): Art. No. 012704 2002	2002	physics: general
448.	Kupcik, V. Grochowski, J. Serda, P	model for a new pseudo-hexagonal BN	Zeitschrift fur Kristallographie 209, 1994, 236	1994	crystallography
449.	Kwiatek WM	Synchrotron radiation induced X-ray emission - SRIXE	Acta Physica Polonica A Vol.82 (1992) 263 - 271.	1992	physics: general
450.	Kwiatek WM	Bio-medical applications of synchrotron X-ray fluorescence	Acta Physica Polonica A Vol.86 (1994) 695-703.	1994	physics: general
451.	Kwiatek WM	Analiza fluorescencyjna	in: „Fizyczne metody badań w biologii, medycynie i ochronie środowiska" Praca zbiorowa pod red. A.Z. Hrynkiewicza i E. Rokity, *PWN, Warszawa 1999*	1999	physics: general
452.	Kwiatek WM	Analiza materiałów biomedycznych wybranymi metodami spektroskopowymi	Raport Nr 1928/PI, Instytut Fizyki Jądrowej im. Henryka Niewodniczańskiego, Polska Akademia Nauk, Kraków	2003	medicine
453.	Kwiatek WM, A. Banas, K. Banaś, G. Cinque, G. Dyduch, G. Falkenberg, Kisiel A, A. Marcelli, ,M. Podgórczyk	Micro and bulk analysis of prostate tissues clasified as hyperplasia	Proc. Internat. Conf. X-ray Optics and Microanalysis, Frascati Roma, (2006) – in press	2006	spectroscopy
454.	Kwiatek WM, A. Banas, K.Banas, G. Dyduch, C. Paluszkiewicz, M. Podgorczyk	Micro and bulk analysis of prostate tissues classified as hyperplasia	Spectrochimica Acta B, submitted (2005) 1229	2005	spectroscopy

	Podgorczyk				
455.	Kwiatek WM, Banas A, Banas K, et al.	Iron and other elements studies in cancerous and non-cancerous prostate tissues	Journal of Alloys & Compounds 401 (1-2): 178-183 2005	2005	materials
456.	Kwiatek WM, Banas A, Banas K, Kisiel A, Cinque G, Falkenberg G	Preliminary study on chemical speciation of sulphur in cancerous tissues	Acta Physica Polonica A 109 (2006): 383-387 MAR	2006	physics: general
457.	Kwiatek WM, Banas A, Banas K, Podgorczyk M, Dyduch G, Falkenberg G, Gajda M, Cichocki T	Distinguishing prostate cancer from hyperplasia	Acta Physica Polonica A 109 (2006): 377-381 MAR	2006	physics: general
458.	Kwiatek WM, Banas A, Gajda M, et al.	Cancerous tissues analyzed by SRIXE	Journal of Alloys & Compounds 401 (1-2): 173-177 2005	2005	materials
459.	Kwiatek WM, Cichocki T, Galka M, Paluszkiewicz C	Microanalysis using synchrotron radiation	Nuclear-Instruments-&-Methods-in-Physics-Research,-Section-B-Beam-Interactions-with-Materials-and-Atoms. May 1992; B68(1-4): 122-4	1992	sources instruments
460.	Kwiatek WM, Drewniak T, Lekka M, et al.	Investigation of trace elements in cancer kidney tissues by SRIXE and PIXE	Nuclear Instruments and Methods in Physics Research, Section B (Beam Interactions with Materials and Atoms) 109: 284-288 APR 1996	1996	sources instruments
461.	Kwiatek WM, Galka M, Hanson AL, et al.	XANES as a tool for iron oxidation state determination in tissues	Journal of Alloys & Compounds 328 (1-2): 276-282 2001	2001	materials
462.	Kwiatek WM, Hanson AL, Paluszkiewicz C, et al.	Application of SRIXE and XANES to the determination of the oxidation state of iron in prostate tissue sections	Journal of Alloys & Compounds xxx 2004	2004	materials
463.	Kwiatek WM, Kubica B, Paluszkiewicz C, et al.	Trace element analysis by means of synchrotron radiation, XRF, and PIXE: selection of sample preparation procedure	Journal of Alloys & Compounds 328 (1-2): 283-288 2001	2001	materials
464.	Kwiatek WM. Drewniak T. Gajda M. Galka M. Hanson AL. Cichocki T	Preliminary study on the distribution of selected elements in cancerous and non-cancerous kidney tissues	Journal of Trace Elements in Medicine & Biology. 16(3):155-160, 2002.	2002	medicine
465.	Laarmann T, Rusek M, Wabnitz H, J. Schulz, A. R. B. de Castro, P. Gürtler, W. Laasch, and T. Möller	Emission of thermally activated electrons from rare gas clusters irradiated with intense VUV light pulses from a free electron laser	Physical Review Letters 95 (6): art. no. 063402 AUG 5 2005	2005	physics: general
466.	Lagomarsino S, A. Cedola, S. Di Fonzo, W. Jark, V. Mocella, J.B. Pełka, C. Riekel;	Advances in microdiffraction with x-ray waveguide	Crystal Research & Technology. 37 (2002) pp. 758-769	2002	crystal growth
467.	Lagomarsino S, S. Di Fonzo, W. Jark, B. Müller, A. Cedola, J.B. Pełka	Interference effects in x-ray specular reflectivity from thin films	Materials Research Society Symposium Proceedings, Structure and Properties of Multilayered Thin Films Vol. 382, Edited By: T. D. Nguyen, B. M. Lairson, B. M. Clemens, K. Sato, and S-C. Shin, pp. 381-389	1995	materials
468.	Lama F, Debowska D, Felici AC, Kisiel A, Piacentini M, Zema N	Synchrotron radiation photoemission study of Fe 3d electronic states in Cd1-xFexSe and Zn1-xFexSe compounds	Journal of Electron-Spectroscopy and Related Phenomena 1999 104 185-94	1999	spectroscopy

		and Zn1-xFexSe compounds	Phenomena 1999 104 185-94		
469.	Lambrecht WRL, Rashkeev SN, Segall B, Lawniczak-Jablonska K, Suski T, Gullikson EM, Underwood JH, Perera RCC, Rife JC.	X-ray absorption and reflection as probes of the GaN conduction bands: theory and experiment of the N K-edge and Ga M2,3 edges.	Materials Research Society Symposium Proceedings: III-V Nitrides. Symposium. Mater. Res. Soc. 1997, pp.881-886.	1997	materials
470.	Lambrecht WRL, Rashkeev SN, Segall B, Lawniczak-Jablonska K, Suski T, Gullikson EM, Underwood JH, Perera RCC, Rife JC, Grzegory I, Porowski S, Wickenden DK.	X-ray absorption, glancing-angle reflectivity, and theoretical study of the N K- and Ga M2,3-edge spectra in GaN.	Physical Review B-Condensed Matter, vol.55, no.4, 1997, pp.2612-2622.	1997	physics: condensed matter
471.	Lambrecht WRL, S.N. Rashkeev, B.Segall, Lawniczak-Jablonska K, T. Suski, E.M. Gullikson, J.H. Underwood, R.C.C. Perera, J.C. Rife,	X-ray absorption and reflection as probes of the GaN conduction bands: theory and experiment of the N-Kedge and Ga M2,3 - edges.",	III-V Nitrides, ed. T. Moustakas, I. Akasaki, B. Monemar, and F. Ponce, Mater. Res. Soc. Symp. Proc. Vol. 449, p 881-886 (1997).	1997	physics: materials
472.	Lang A.R., A.P.W. Makepeace, M. Moore, W. Wierzchowski	Optical and synchrotron double-crystal studies of nitrogen in diamond	Second International Conference on the New Diamond Science Technology, Washington, DC (USA), wrzesien 1990, s. 990.	1990	materials
473.	Lang AR, M. Moore, A.P.W. Makepeace, W. Wierzchowski, C.M. Welbourn	On the dilatation of synthetic type Ib diamond by substitutional nitrogen	Philosophical Transactions of the Royal Society of London A A 337 (1991) 497.	1991	physics: general
474.	Langridge S, J. A. Paixão, N. Bernhoeft, C. Vettier, G. H. Lander, D. Gibbs, S. Aa. Sørensen, A. Stunault, D. Wermeille, and E. Talik	Changes in 5d band polarization in rare-earth compounds	Physical Review Letters 82, 2187-2190 (1999)	1999	physics: general
475.	Lankinen A, Tuomi T, Karilahti M, Zytkiewicz ZR, Domagala JZ, McNally PJ, Sun YT, Olsson F, Lourdudoss S	Crystal defects and strain of epitaxial InP layers laterally overgrown on Si	Crystal Growth & Design 6 (5): 1096-1100 2006	2006	crystal growth
476.	Lankosz M, Szczerbowska-Boruchowska M, Chwiej J, Ostachowicz J, Simionovici A, Bohic S	Research in quantitative microscopic X-ray fluorescence analysis	Spectrochimica Acta B 59 (10-11): 1517-1521 2004	2004	spectroscopy
477.	Laukkanen P, Kuzmin M, Perala RE,M. Ahola, S. Mattila, and I. J. Väyrynen, J. Sadowski, J. Konttinen, T. Jouhti, C. S. Peng, M. Saarinen, M. Pessa	Electronic and structural properties of GaAs(100)(2x4) and InAs(100)(2x4) surfaces studied by core-level photoemission and scanning tunneling microscopy	Physical Review B -Condensed Matter 72 (4): Art. No. 045321 2005	2005	physics: solid state
478.	Laukkanen P, M.Ahola, M.Kuzmin, R.E. Perälä, I.J. Vayrynen, J. Sadowski	Bi-induced (2x6), (2x8), and (2x4) reconstructions on the InAs(100) surface	Surface Science 598, L361 (2005)	2005	surface science
479.	Laukkanen P, Perala RE, Vaara RL, I. J. Väyrynen, M. Kuzmin, J. Sadowski	Electronic and structural analysis of Sb-induced GaAs(100)(2x4) and (2x8) surfaces	Physical Review B -Condensed Matter 69 (20): Art. No. 205323 2004	2004	physics: solid state
480.	Lawniczak-Jablonska K, Duda LC, Guo J, Butorin SM, Nordgren J.	Changes in electronic structure of Ni3Mo caused by modification of atomic order.	Physica B, vol.217, no.1-2, 1996, pp.78-86.	1996	physics: general
481.	Lawniczak-Jablonska K, Golacki Z.	Extended X-ray absorption fine structure studies of Co doped ZnS and ZnSe alloys.	Acta Physica Polonica A, vol.86, no.5, 1994, pp.727-735.	1994	physics: general

482.	Lawniczak-Jablonska K, Inoue J, Tohyama T, Czyzyk MT.	Correlation effects in X-ray spectra of Ni and Ni in Ni_3Mo.	Physical Review B -Condensed Matter, vol.49, no.20, 1994, pp.14165-14171.	1994	physics: solid state
483.	Lawniczak-Jablonska K, Iwanowski RJ, Demchenko IN, Boettcher T, Einfeldt S, Hommel D, Cortes R, Perera RCC.	Polarization dependent X-ray absorption studies of the chemical bonds anisotropy in wurtzite GaN grown at different conditions.	Journal of Alloys & Compounds, vol.328, 2001, pp.77-83.	2001	materials
484.	Lawniczak-Jablonska K, Iwanowski RJ, Golacki Z	Local structure of ZnS anf ZnSe doped by Mn,Fe, Co, and Ni	Zastosowanie Promieniowania Synchrotronowego (ed. E. Sobczak), Warszawa, 1995, I-7.	1995	sources instruments
485.	Lawniczak-Jablonska K, Iwanowski RJ, Golacki Z, Traverse A, Pizzini S, Fontaine A.	Correlation between XANES of the transition metals in ZnS and ZnSe and their limit of solubility.	Physica B, vol.208-209, no.1-4, 1 1995, pp.497-499.	1995	physics: general
486.	Lawniczak-Jablonska K, Iwanowski RJ, Golacki Z, Traverse A, Pizzini S, Fontaine A, Winter I, Hormes J.	Local electronic structure of ZnS and ZnSe doped by Mn, Fe, Co, and Ni from X-ray-absorption near-edge structure studies.	Physical Review B -Condensed Matter, vol.53, no.3, 1996, pp.1119-1128.	1996	physics: condensed matter
487.	Lawniczak-Jablonska K, Iwanowski RJ.	Role of 3d electrons in formation of ionic-covalent bonds in II-VI-based ternary compounds.	Electron Technology (Warsaw), vol.31, no.2, 1998, pp.162-169.	1998	technology
488.	Lawniczak-Jablonska K, J. Kachniarz, Z. Spolnik, J. Libera, E. Dynowska, A.Nadolny, J. Sadowski	The use of Mn L - line chemical effects in X-ray analysis to probe sample homogeneity	Journal of Analytical Atomic Spectrometry 14 (1999), 461.	1999	spectroscopy
489.	Lawniczak-Jablonska K, Jia JJ, Lin L, Grush MM, Callcott TA, Asfaw A, Carlisle JA, Terminello LJ, Himpsel FJ, Ederer DL, Underwood JH, Perera RCC.	Resonant inelastic scattering in dilute magnetic semiconductors by soft X-ray fluorescence spectroscopy.	Applied Physics A (Materials Science Processing), vol.65, no.2, 1997, pp.173-177.	1997	physics: applied
490.	Lawniczak-Jablonska K, Libera J, Iwanowski RJ.	EXAFS determination of local atomic structure of selected transition metals in CdSe matrix.	Journal of Alloys & Compounds, 286 1999 89-92.	1999	materials
491.	Lawniczak-Jablonska K, Pascarelli S, Boscherini F, Kozubski R.	Lattice site occupancy in ternary ordered $Ni_3Al_{1-x}Fe_x$ alloys estimated by EXAFS.	Acta Physica Polonica A, vol.82, no.2, 1992, pp.315-322.	1992	physics: general
492.	Lawniczak-Jablonska K, Perera RCC, Underwood JH, Gullikson EM, Iwanowski RJ.	Hybridization of the 3d states of transition metals with the states of the ZnS matrix.	Physical Review B -Condensed Matter, vol.55, no.16, 1997, pp.10376-10381.	1997	physics: solid state
493.	Lawniczak-Jablonska K, Suski T, Gorczyca I, Christensen NE, Attenkofer KE, Perera RCC, Gullikson EM, Underwood JH, Ederer DL, Liliental Weber Z.	Electronic states in valence and conduction bands of group-III nitrides: Experiment and theory.	Physical Review B -Condensed Matter, vol.61, no.24, 2000, pp.16623-16632.	2000	physics: solid state
494.	Lawniczak-Jablonska K, Suski T, Libera J, Kachniarz J,Lagarde P, Grzegory I	Localization of p-type dopants in GaN bulk crystals	Synchrotron Radiation Studies of Materials, eds.: M. Lefeld-Sosnowska, J. Gronkowski, (Instytut Fizyki Doświadczalnej Uniwersytetu Warszawskiego, Warszawa, 1999), pp.101-108	1999	sources instruments
495.	Lawniczak-Jablonska K, Suski T, Liliental-Weber Z, Gorczyca I, Christensen NE, Gullikson EM, Underwood JH, Drummond TJ.	X-ray absorption study of the electronic states in GaN polycrystal and epitaxial layers.	Molecular Physics Reports, vol.21, 1998, pp.93-98.	1998	physics: general

496.	Lawniczak-Jablonska K, Suski T, Liliental-Weber Z, Gullikson EM, Underwood JH, Perera RCC, Drummond TJ.	Anisotropy of the nitrogen conduction states in the group III nitrides studied by polarized X-ray absorption.	Applied Physics Letters 70,.20, 1997, 2711-2713.	1997	physics: applied
497.	Lawniczak-Jablonska K, Suski T., Gorczyca I., Christensen N.E., Libera J., Kachniarz J., Lagarde P., Cortes R., Grzegory I.,	Anisotropy of atomic bonds formed by p-type dopants in bulk GaN crystals	Applied Physics A (Materials Science Processing), vol.75, 2002,pp. 577-583,	2002	applied physics: materials
498.	Lawniczak-Jablonska K, T. Suski, J. Kachniarz, P. Lagarde and I. Gregory,	Location of p-type dopants in GaN bulk crystals" ,	Proceedings 5th National Symposium on Synchrotron Radiation, May 1999, Warsaw University, pp 101-108	1999	sources instruments
499.	Lawniczak-Jablonska K., Mobilio S., Inoue J.,Tohyama K.	Influence of order-disorder transition on valence band structure in MoNi alloy	Proceedings of 2nd European Conference on Progress in X-ray Synchrotron Radiation Research, eds. A.Balerna, E.Bernieri, Mobilio S, Bologna, 1990, p.701.	1990	sources instruments
500.	Lawson PK, Cooper MJ, Dixon MAG,D. N. Timms, E. Zukowski, F. Itoh, and H. Sakurai	Magnetic-Compton-scattering study of spin moments in UFe2	Physical Review B -Condensed Matter 56 (6): 3239-3243 1997	1997	physics: solid state
501.	Lecante P, J. Jaud, A. Mosset, J. Galy, A. Burian,	A laboratory EXAFS spectrometer in transmission dispersive mode,	Review of Scientific Instruments (1994) 65, 845-849.	1994	sources instruments
502.	Lee PM, A Kisiel, E Burattini and M Demianiuk	X-ray near-edge structure analysis of ZnSe, ZnMnSe and ZnFeSe: experimental ahd theoretid studies .	Journal of Physics: Condensed Matter 6 (1994) 5771-5781	1994	physics: solid state
503.	Lefeld-Sosnowska M, Olszynska E, Wierzchowski W, et al.	Conventional and synchrotron radiation back reflection topography of GdCa4O(BO3)(3) crystals	Journal of Alloys & Compounds 382 (1-2): 153-159 2004	2004	materials
504.	Leiro JA, Laajalehto K, Peltoniemi MS, et al.	Surface core-level shift and AFM study of the galena (100) surface	SURF INTERFACE ANAL 33 (12): 964-967 DEC 2002	2002	surface science
505.	Leszczynski M, Prystawko P, Suski T, Lucznik B, Domagala J, Bak-Misiuk J, Stonert A, Turos A, Langer R, Barski A.	Lattice parameters of GaN single crystals, homoepitaxial layers and heteroepitaxial layers on sapphire.	Journal of Alloys & Compounds, vol.286, no.1-2, 1999, pp.271-275.	1999	materials
506.	Lewandowska R, Bacewicz R, Filipowicz J	EXAFS study of in-rich phases in Cu-In-Se system	Crystal Research & Technology 37 (2-3): 235-241 2002	2002	crystal growth
507.	Lewerenz H.J. Aggour M, Murrell C, Kanis M,Jungblut H, Jakubowicz J, Cox PA, Campbell SA, Hoffmann P, Schmeißer D	Initial stages of structure formation on silicon electrodes investigated by photoelectron spectroscopy using synchrotron radiation and in-situ atomic force microscopy	J. Electrochemical Society 150 (2003) E185-E189	2003	chemistry
508.	Lewerenz HJ, Jakubowicz J, Jungblut H	Nascent, metastable and induced nanostructures on silicon electrodes	Comptes Rendus Chimie 9 (2): 289-293 FEB 2006	2006	chemistry
509.	Lewerenz, H.J.; Jakubowicz, J.; Jungblut, H	Nascent, metastable and induced nanostructures on silicon electrodes	Comptes rendus - Chimie Volume: 9, Issue: 2, February, 2006, pp. 289-293	2006	chemistry
510.	Li M, G.Laco, Jaskolski M, J.Rozycki, J.Alexandratos, A.Wlodawer, A.Gustchina	Crystal structure of HTLV protease: From treating AIDS to fighting cancer.	Proc. Natl. Acad. Sci. USA 102, 2005 18332-18337	2005	physics: general

	A.Gustchina				
511.	Littner A, Francois M, Tobola J, Elkaim E, Malaman B, Vilasi M	Ab-initio crystal structure of Mo4+xRu9-xSi5 (0 <= x <= 1) by synchrotron powder diffraction and electronic properties calculation (KKR method)	INTERMETALLICS 13 (10): 1048-1055 OCT 2005	2005	materials
512.	Littner A, Francois M, Tobola J, Elkaim E, Malaman B, Vilasi M	Molten glass corrosion resistance of new Mo-Ru-Si compounds	Materials and Corrosion-Werkstoffe und Korrosion 56 (11): 796-800 NOV 2005	2005	materials
513.	Lochynski S, B. Frackowiak, T. Librowski, R. Czarnecki, J. Grochowski, P. Serda, M. Pasenkiewicz-Gierula	Stereochemistry of terpene derivatives Part 3: Hydrolytic kinetic resolution as a convenient approach to chiral aminohydroxyiminocaranes with local anaesthetic activity	Umschau, 13 , 873 (2002)	2002	chemistry
514.	Lubbers R, Pleines M, Hesse HJ, et al.	Magnetism under high pressure studied by Fe-57 and Eu-151 nuclear scattering of synchrotron radiation	Hyperfine Interactions 121 (1-8): 49-58 1999	1999	surface
515.	Luic M, Koellner G, Shugar D, et al.	Calf spleen purine nucleoside phosphorylase: structure of its ternary complex with an N(7)-acycloguanosine inhibitor and a phosphate anion	Acta Crystallographica D: Biological Crystallography 57: 30-36 2001	2001	crystallography: biological
516.	Luic M, Koellner G, Yokomatsu T, Shibuya S, Bzowska A	Calf spleen purine-nucleoside phosphorylase: crystal structure of the binary complex with a potent multisubstrate analogue inhibitor	Acta Crystallographica D: Biological Crystallography 60: 1417-1424 2004	2004	crystallography: biological
517.	Luzny W, Kaniowski T, Pron A	Structural and transport properties of thermally processable conducting polymer: polyaniline protonated with diphenyl phosphate	POLYMER 39 (2): 475-483 JAN 1998	1998	materials
518.	Luzny W, Samuelsen EJ, Breiby DW	Polyaniline thin films - structural anisotropy study by use of synchrotron radiation surface diffraction	SYNTHETIC METALS 119 (1-3): 203-204 Sp. Iss. SI MAR 15 2001	2001	materials
519.	Luzny W, Samuelsen EJ, Breiby DW	The structural properties of the PANI/CSA conducting polymer system studied synchrotron radition surface diffraction	FIBRES & TEXTILES IN EASTERN EUROPE 11 (5): 97-100 Sp. Iss. SI JAN-DEC 2003	2003	materials
520.	Mackowski S., Sobczak E., Nietubyć R., Goerigk G., Kret S., Dłużewski P., Szczepańska A., Janik E., Kossut J., Karczewski G.	Three-dimensional quantum dot "crystal" formation in CdTe/ZnTe superlattices	Physica Status Solidi B - Basic Research, vol.229 (1), 2002, pp. 445-448,	2002	physics: condensed matter
521.	Mallinson PR, Barr G, Coles SJ, et al.	Charge densities from high-resolution synchrotron X-ray diffraction experiments	Journal of Synchrotron Radiation 7: 160-166 Part 3 MAY 2000	2000	sources instruments
522.	Mannix D, Stunault A, Bernhoeft N, L. Paolasini, GH Lander, C Vettier, F de Bergevin, D Kaczorowski, A. Czopnik	Resonant enhancements at nonmagnetic ions: New possibilities for magnetic x-ray scattering	Physical Review Letters 86 (18): 4128-4131 2001	2001	physics: general
523.	Markowski R, M Piacentini, D Debowska, M Zimnal-Starnawska,F Lama, N ZemaJ and A Kisiel	Electronic structure of zincblende ZnSe: theory and experiment	Journal of Physics: Condensed Matter 6 (1994) 3207-3219. Printed in the UK	1994	physics: condensed matter
524.	Markowski R, Oleszkiewicz J Kisiel A,	Theoretical Study Optical and XANES Spectra for CdTe within the k-dependent Matrix Element Approach	Acta Physica Polonica A 82, 785, (1992)	1992	physics: general

		Matrix Element Approach			
525.	Markowski R, Oleszkiewicz J, Kisiel A,	The Influence of the Dipol Transitions Matrix Element on the XANES and Optical Spectra for CdTe	Acta Physica Polonica A 80, 369, (1991)	1991	physics: general
526.	Matsumoto I, J. Kwiatkowska, F. Maniawski, M. Itou, H. Kawata, N. Shiotani, S. Kaprzyk, P.E. Mijnarends, B. Barbiellini, A. Bansil	Two-dimensional folding technique for enhancing Fermi surface signatures in the momentum density: Application to Compton scattering data from an Al-3 at. % Li disordered alloy	Physical Review B -Condensed Matter 64, 045121 (2001)	2001	physics: condensed matter
527.	Mayer S, Golnik N, Kyllonen JE, et al.	Dose equivalent measurements in a strongly pulsed high-energy radiation field	Radiation Protection & Dosimetry 110 (1-4): 759-762 Sp. Iss. SI 2004	2004	environmental sciences
528.	Medway SL, Lucas CA, Kowal A, Nichols R.J, Johnson D	In situ studies of the oxidation of nickel electrodes in alkaline solution	Journal of Electroanalytical Chemistry 587 (1): 172-181 FEB 1 2006	2006	chemistry
529.	Melero Garcia EM, Ruiz JA, Erman P, Kivimäki A, Rachlew-Källne E, Rius i Riu J, Stankiewicz M, Veseth L	Neutral dissociation of superexcited states in nitric oxide	Chemical Physics 293 (1): 65-73 AUG 15 2003	2003	physics: chemical
530.	Metoki N, Kaneko K, Raymond S, Sanchez JP, Piekarz P, Parlinski K, Oles AM, Ikedaa S, Matsuda TD, Haga Y, Onuki Y, Landerg GH	Phonons in UCoGa5	Physica B 378–380 (2006) 1003–1004	2006	physics: general
531.	Michalska K, Bujacz G, Jaskolski M	Crystal structure of plant asparaginase.	Journal of Molecular Biology 2006 accepted	2006	biology
532.	Michalska K, K.Brzezinski, Jaskolski M	Crystal structure of isoaspartyl aminopeptidase in complex with L-aspartate.	Journal of Biol. Chem. 280, 2005 28484-28491	2005	physics: applied
533.	Mickevicius S, Orlowski BA, M. Andrulevicius, S. Tamulevicius, J. Puico, L.T. Baczewski, A. Maneikis	X-ray photoelectron spectroscopy study of MBE grown Gd/EuTe multilayers	Journal of Alloys & Compounds, 401, 150-154 (2005)	2005	materials
534.	Mickevicius S, Sadowski J, Balakauskas S, Leandersson M	Photoemission study of LT-GaAs	Journal of Alloys & Compounds 382 (1-2): 234-238 2004	2004	materials
535.	Mierzwa B., Kaszkur Z., Moraweck B., Pielaszek J.,	In situ EXAFS study of the alloy catalyst Pd-Co(50%/50%)/SiO2,	Journal of Alloys and Compounds, 286, 93-97(1999)	1999	materials
536.	Mikhailik VB, Kraus H, Balcerzyk M, et al.	Low-temperature spectroscopic and scintillation characterisation of Ti-doped Al2O3	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment) 546 (3): 523-534 JUL 11 2005	2005	sources instruments
537.	Mikkelsen A, B. Sanyal, J. Sadowski, L. Ouattara, J. Kanski, S. Mirbt, O. Eriksson, and E. Lundgren	Defect structure of Ga1−xMnxAs: A cross-sectional scanning tunneling microscopy study	Physical Review B -Condensed Matter 70, 085411 (2004)	2004	physics: condensed matter
538.	Mikkelsen A, Ouattara L, Davidson H, Lundgren E, Sadowski J, Pacherova O	Mn diffusion in Ga1-xMnxAs/GaAs superlattices	Applied Physics Letters, 11/15/2004, Vol. 85 Issue 20, p4660-4662,	2004	physics: applied
539.	Minor W, Schonfeld B, Lebech-B, Buras B, Dmowski W	Crystallization of Fe-Si-B metallic glasses studied by X-ray synchrotron radiation	Journal-of-Materials-Science. Nov. 1987; 22(11): 4144-52	1987	materials

540.	Minor W, Steczko J, Stec B, et al.	Crystal structure of soybean lipoxygenase L-l at 1.4 angstrom resolution	BIOCHEMISTRY-US 35 (33): 10687-10701 AUG 20 1996	1996	chemistry: biological
541.	Mirabella F, Ghijsen J, Johnson RL, Golacki Z, Orlowski BA.	Photoemission study of Sn1-xMnxSe2.	Journal of Alloys & Compounds, vol.328,. 2001, pp.166-170.	2001	materials
542.	Mirabella F., Schmerber G., Gołacki Z., Johnson R.L., Ghijsen J.,	Structural and photoemission investigations of a new pseudo binary semimagnetic semiconductor: Sn1-xMnxSe2	Materials Science & Engineering B Solid-State Materials for Advanced Technology, vol.110, 2004, 143-151,	2004	materials
543.	Misiuk A, A. Barcz, V. Raineri, J. Ratajczak, J. Bak-Misiuk, I.V. Antonova, W. Wierzchowski, K. Wieteska	Effect of stress on accumulation of oxygen in silicon implanted with helium and hydrogen	Physica B 308 (2001) 317-320	2001	physics: general
544.	Misiuk A, Härtwig J, Bak-Misiuk J., Tkacz M.	Investigation of defect creation in Si-SiO_{2-x} system at pressures up to 11 GPa	Universitatis Iagellonicae Folia Physica (Zeszyty Naukowe Uniwersytetu Jagiellońskiego) 39 (1998) 37-42	1998	physics: general
545.	Misiuk A, Hartwig J, Prieur E, Ohler M, Bak-Misiuk J, Domagala J, Surma B.	Defect structure of pressure treated Czochralski grown silicon investigated by X-ray topography and diffractometry.	Acta Physica Polonica A vol.91, no.5, 1997 987-991.	1997	physics: general
546.	Misiuk A, Härtwig J., Prieur E., Bak-Mi Surma B., Leszczyński M.	Synchrotron diffraction topography of pressu Czochralski grown Si and $Al_xGa_{1-x}As$/GaAs	Zastosowanie Promieniowania Synchrotronowego, Warszawa, (113	1995	sources instruments
547.	Misiuk A, Surma B, Hartwig J	Stress-induced oxygen precipitation in Cz-Si	Materials Science And Engineering B-Solid State Materials For Advanced Technology 36 (1-3): 30-32 JAN 1996	1996	physics: condensed matter
548.	Misiuk A, Surma HB, Bak-Misiuk J, Lopez M, Romano-Rodriguez A, Hartwig J.	Microstructure of Czochralski silicon annealed at enhanced stress conditions.	Journal of Alloys & Compounds, vol.328,2001, pp.90-96.	2001	materials
549.	Misiuk A, Surma HB, Jun J, et al.	Dependence of photoluminescence of silicon on conditions of pressure-annealing	Journal of Alloys & Compounds 286 (1-2): 258-264 1999	1999	materials
550.	isiuk A, Vanhellemont J, Claeys C., Hartwig J., Prieur E., Datsenko L., Khrupa V., .Antonova I.V, Bak-Misiuk J.	reation and dissolution of oxygen related defects in Czochralski grown silicon treated at high pressures - high temperatures	pplied Crystallography, ed. H. Morawiec, D. Stroz, World Scientific (1995) pp. 328-	995	ystallography
551.	Misiuk A, Wierzchowski W, Wieteska K, et al.	Synchrotron topography of high temperature-pressure treated silicon implanted with helium	Nuclear Instruments and Methods in Physics Research, Section B (Beam Interactions with Materials and Atoms) 200: 358-362 JAN 2003	2003	sources instrument*s
552.	Misiuk A, Wierzchowski W, Wieteska K, et al.	Synchrotron topography of high temperature-pressure treated silicon implanted with helium (vol 200, pg 358, 2003)	Nuclear Instruments and Methods in Physics Research, Section B (Beam Interactions with Materials and Atoms) 207 (2): 233-234 JUN 2003	2003	sources instruments
553.	Misiuk A, Zaumseil P, Antonowa I., Bak-Misiuk J., Bugiel E., Härtwig J., Romano-Rodriguez A.	Defects in pressure-annealed Cz-Si and SiGe/Si	Institute of Physics Conference Series 160 (1997) pp. 273-276	1997	physics: general

554.	Misiuk A., Surma H.B., Londos A., Bak-Misiuk J., Wierzchowski W., Wieteska K., Graeff W.,	Oxygen precipitation and creation of defects in neutron irradiated Cz-Si annealed under high pressure	Physica Status Solidi C, vol.2 (2005) 1812-1816	2005	physics: condensed matter
555.	Modrzynski M, Zawisza E	Specific nasal provocation tests, in patients hypersensitive to cat and dog allergens	MEDYCYNA WETERYNARYJNA 61 (8): 890-893 AUG 2005	2005	medicine
556.	Moore M, A.R. Lang, W. Wierzchowski	The sterescopic observation of synthetic diamond with Haruta-pairs of synchrotron double-crystal topographs	Acta Physica Polonica A 85 (1994) 53.	1994	physics: general
557.	Moore M, Golshan M, Kowalski G, et al.	Reciprocal-space mapping of synthetic and natural diamond	Journal of Physics D: Applied Physics 32 (10A): A37-A41 Sp. Iss. SI MAY 21 1999	1999	physics: applied
558.	Moore M, R. Waggett, W. Wierzchowski	Synchrotron spike topography of natural type Ia diamond	Diamond and Related Materials 2 (1993) 115.	1993	materials
559.	Moore M, W. Wierzchowski	The Transmission Double-Crystal Synchrotron Studies of Synthetic Diamond with Haruta Stereo-Pairs Technique	Philosophical Transactions of the Royal Society of London A 357 (1999) 2671-2679.	1999	physics: general
560.	Moraczewska J, StrzeleckaGolaszewska H, Moens PDJ, dosRemedios CG	Structural changes in subdomain 2 of G-actin observed by fluorescence spectroscopy	BIOCHEMICAL JOURNAL 317: 605-611 Part 2 JUL 15 1996	1996	chemistry: biological
561.	Morgenstern M, Wiebe J, Wachowiak A, Getzlaff M, Klijn J, Plucinski L, Johnson RL, Wiesendanger R	Co on p-InAs(110): An island-induced two-dimensional electron system consisting of electron droplets	Physical Review B -Condensed Matter 65 (15): Art. No. 155325 2002	2002	physics: solid state
562.	Morin B., Fischer M., Szuszkiewicz W., Dynowska E., Paszkowicz W., Domagala J., Lathe C.,Fleszar A., Gross E.K.U.	Pressure dependence of HgSe elastic properties: ultrasound propagation, X-ray diffraction measurements and ab initio calculations	Institute of Pure and Applied Physics (IPAP) Conf. Series 2 (2001), 86-88	2001	physics: condensed matter
563.	Mosset A, Lecante P, Baules P, et al.	Laboratory dispersive EXAFS spectrometer	Acta Physica Polonica A 91 (4): 825-828 1997	1997	physics: general
564.	Mosset A, P. Lecante, P. Baules, J. Jaud, J. Galy, A. Burian,	A laboratory dispersive EXAFS spectrometer,	Acta Physica Polonica A, (1997) 91, 825-828.	1997	physics: general
565.	Motta N, Balzarotti A, P.Letardi, Kisiel A, M.T.Czyżyk, M.Zimnal-Starnawska Podgorny M,	EXAFS of $Cd_{1-x}Zn_xTe$: A test of the Random Distribution in Zincblende Ternary Alloys	Solid State Commun. 53, 509 (1985)	1985	physics: solid state
566.	Motta N, Balzarotti A, P.Letardi, Kisiel A, M.T.Czyżyk, M.Zimnal-Starnawska, Podgorny M,	Random Distribution and Miscibility of $Cd_{1-x}Zn_xTe$ Alloy from EXAFS	Journal of Crystal Growth, 72,205 (1985)	1985	crystal growth
567.	Mroczka R, Zukocinski G, Kuczumow A	Geometrical description of the X-ray capillaries with assumed reflection features	Journal of Alloys & Compounds 382 (1-2): 311-319 2004	2004	materials
568.	Mroczka R, Zukocinski G, Kuczumow A	Investigations of different trajectories of X-rays in capillaries	Journal of Alloys & Compounds 362 (1-2): 88-95 2004	2004	materials
569.	Mroczka R, Zukocinski G, Kuczumow A	Investigations of X-ray metallic capillaries	Journal of Alloys & Compounds 401 (1-2): 108-117 2005	2005	materials
570.	Mroz W., Prokopiuk A., Kozlov B., Czujko T., Jozwiak S., Krzywinski J., Stockli M.P	Quantitative measurements of the chemical composition of unprepared samples, using a reflectron mass analyzer with a microchannelplate detector assembly	Review of Scientific Instruments, vol.71, no.3, March 2000, pp.1425-8	2000	sources instruments

571.	Murphy BM, Collins SP, Golshan M, et al.	SRS station 16.3: high-resolution applications	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment) 467: 1014-1018 Part 2 JUL 21 2001	2001	sources instruments
572.	Muziol T. Cody V. Luft JR. Pangborn W. Wojtczak A.	Complex of rat transthyretin with tetraiodothyroacetic acid refined at 2.1 and 1.8 A resolution.	Acta Biochimica Polonica 48(4):877-84, 2001.	2001	chemistry: biological
573.	Nadolny AJ, Guziewicz E, Kowalski BJ, Orlpwski BA Johnson RL	Contribution of Mn 3d Electrons to the Valence Band of $Sn_{0.9}Mn_{0.1}Te$	Acta Physica Polonica A 94 (3): 454-458 1998	1998	physics: general
574.	Nietubyć R, Sobczak E, Attenkofer KE.	X-ray absorption fine structure study of manganese compounds.	Journal of Alloys & Compounds, vol.328, 2001, pp.126-131.	2001	materials
575.	Nietubyć R, Sobczak E, Pelka JB, Mackowski S, Janik E, Karczewski G, Goerigk G.	Anomalous small angle X-ray scattering study of CdTe quantum dots in ZnTe.	Journal of Alloys & Compounds, vol.328, 2001, pp.206-210.	2001	materials
576.	Nowak J, Florek M, Kwiatek W, Lekki J, Chevallier P, Zięba E, Mestres N, Dutkiewicz EM, Kuczumow A	Composite structure of wood cells in petrified wood	Materials Science & Engineering C-BIO S 25 (2): 119-130 APR 28 2005	2005	materials
577.	Nowicki W, Darul J, Piszora P, et al.	High resolution diffraction studies with synchrotron radiation on the structure of Li0.95Mn2.05O4 spinel	Journal of Alloys & Compounds 401 (1-2): 55-59 2005	2005	materials
578.	Odintsov SG, Sabala I, Bourenkov G, Rybin V, Bochtler M	Staphylococcus aureus Aminopeptidase S Is a Founding Member of a New Peptidase Clan.	Journal of Biological Chemistry, 7/29/2005, Vol. 280 Issue 30, p27792-27799,	2005	chemistry: biologiocal
579.	Ohata T, M. Itou, I. Matsumoto, Y. Sakurai, H. Kawata, N. Shiotani, S. Kaprzyk, P. E. Mijnarends, and A. Bansil	High-resolution Compton scattering study of the electron momentum density in Al	Physical Review B -Condensed Matter 62, 16528-16535 (2000)	2000	physics: condensed matter
580.	Olczak A, Cianci M, Hao Q, Rizkallah PJ. Raftery J. Helliwell JR	S-SWAT (softer single-wavelength anomalous technique): potential in high-throughput protein crystallography	Acta Crystalographica A 59: 327-334 2003	2003	crystallography
581.	Oleszkiewicz J, Konior J, Kisiel A, R.Markowski, S.Kaprzyk, E.Burattini,	X-Ray Near Edge Spectra of CdFeSe, ZnFeSe and ZnMnSe	Universitatis Iagellonicae Folia Physica [[eszyty Naukowe UJ, Folia Physica] XXXVI, p.29 (1994)	1994	physics: general
582.	Oleszkiewicz J, Markowski R, Kisiel A,	X-ray absorption near edge spectra for CdTe- theoretical study	Acta Physica Polonica A 82, 323, (1992)	1992	physics: general
583.	Oleszkiewicz J, Podgorny M, A. Kisiel, E. Burattini	Theoretical and experimental analysis of the near-edge x-ray absorption structure in MnTe and Cd1-xMnxTe alloys	Physical Review B -Condensed Matter 60, 4920-4927 (1999)	1999	physics: condensed matter
584.	Oleszkiewicz J, Podgorny M, Kisiel A, G.Dalba, F.Rocca, E.Burattini,	The X-ray Absorption Spectroscopy of CdMnTe	Acta Physica Polonica A 77, 199 (1990)	1990	physics: general
585.	Oleszkiewicz J, Podgorny M, Kisiel A, G.Dalba, F.Rocca, E.Burattini,	X-ray absorption spectroscopy of CdMnTe	Proc. " 2nd European Conf. on Progress in X-Ray Synchrotron Radiation Research " vol 25, ed. A. Balerna, E.Bernieri, and S. Mobilio, SIF, Bologna 1990 p.863	1990	sources instruments

586.	Oleszkiewicz J, Podgorny M, Kisiel A, G.Dalba, P.Fornasini, F.Rocca, E.Burattini,.	The Study of CdMnTe and MnTe by XANES Spectroscopy	Proc. 2nd Internat. Seminar on Z-Ray and Electron Spectroscopy, Mądralin 1989, ed. Institute of Phys. Pol. Acad. Sci. Warsaw 1990, p. 4	1990	spectroscopy
587.	Olson CG, J.J. Joyce, T. Durakiewicz, Guziewicz E, and M. Butterfield	VUV and Soft X-ray Spectroscopy of Actinides"	MRS Symposium Proceedings, "Actinides-Basic Science, Applications and Technology", vol.802 (2004) 59	2004	materials
588.	Olsson LO, L. Ilver, J. Kanski, P. O. Nilsson, B. J. Kowalski, M. C. Håkansson, and U. O. Karlsson	Anomalous quenching of photoemission from bulk states by deposition of Cs on InAs(100)	Physical Review B -Condensed Matter 52, 1470-1473 (1995)	1995	physics: condensed matter
589.	Onsgaard J, Bech L, Svensgaard C, et al.	Reactions on alkali-modified low-index stepped copper surfaces	PROG SURF SCI 67 (1-8): 205-216 MAY-AUG 2001	2001	surface
590.	Onsgaard J, Godowski PJ, Nerlov J, et al.	Interactions between H, CO and CO2 on an K-modified Cu(110) surface	Surface Science 398 (3): 318-331 FEB 20 1998	1998	surface science
591.	Onsgaard J, Hoffmann SV, Godowski PJ, et al.	Dissociation of CO and formation of carbonate on a stepped, K-modified Cu(115) surface	Chemical Physics Letters 322 (3-4): 247-254 2000	2000	physics: chemical
592.	Orlowski B., Guziewicz E., Kowalski B., Story T., Mickevicius S., Sipatov A.Y., Chernyshova M., Demchenko I., Barrett N., Taniguchi M., Kimura A., Sato H., Sebenne C.A., Lacharm J.P., Medicherla R., Drube W.,	Photoemission study of EuS/PbS electronic structure	Journal of Alloys & Compounds, vol.362, 2004, 198-201,	2004	materials
593.	Orlowski B., Mickevicius S., Chernyshova M., Demchenko I., Sipatov A.Y., Story T., Medicherla R., Drube W.,	Photoemission study of EuS layers buried in PbS	Journal of Electron Spectroscopy and Related Phenomena,vol.137-140, 2004, 763-767	2004	spectroscopy
594.	Orlowski B.A., Bonnet J., Hricovini C., Pinchaux R., Górecka J., Kowalski B.J., Mycielski A.	Fe 3d contribution to $Hf_{1-x}Fe_xSe$ valence band by means of angle-resolved photoemission	Acta Physica Polonica A 80 (1992) 389	1992	physics: general
595.	Orlowski BA	Electronic surface states investigated by means of photoemission spectroscopy	Surface-Science. July 1988; 200 (2-3): 144-56	1988	surface science
596.	Orlowski BA, B.J. Kowalski, L. van Khoi, R.R. Galazka, J. Ghijsen, and R.L. Johnson	Resonant photoemission study of Mn 3d electrons contribution to the $Pb_{0.92}Mn_{0.08}Se$ valence band	Acta Physica Polonica A 87, 329-332 (1995)	1995	physics: general
597.	Orlowski BA, Bonnet J, Hricovini C, Pinchaux R, Gorecka J, Kowalski BJ, Mycielski A.	Fe 3d contribution to $Hf_{1-x}Fe_x$ Se valence band by means of angle-resolved photoemission.	Acta Physica Polonica A vol.80, no.3, 1991, pp.389-392.	1991	physics: general
598.	Orlowski BA, Golacki Z, Janowitz C, Kipp L, Manzke R.	CdTe valence band structure in the direction Gamma -K-X determined by angle-resolved photoemission.	Acta Physica Polonica A 77, 2-3, 1990, pp.295-298.	1990	physics: general
599.	Orlowski BA, Guziewicz E, E. Nossarzewska-Orlowska, A. Bukowski, Johnson RL	Photoemission study of Gd doped clean Si(111) surface"	Surface Science, 507-510 (2002) 218-222.	2002	surface science
600.	Orlowski BA, Guziewicz E, Kowalski BJ, N. Barrett, R. Belkhou, D. Radosavkic, D. Martinotti, C. Guillot,	From CdTe/Fe Schottky barrier to Cd1-xFexTe semimagnetic semiconductor	Applied Surface Science 123: 631-6351998	1998	surface

	J.P. Lacharme, C.A. Sebenne,				
601.	Orlowski BA, Guziewicz E, Nossarzewska-Orlowska E, et al.	Photoemission study of Gd on clean Si(111) surface	Surface Science 507: 218-222 JUN 1 2002	2002	surface science
602.	Orlowski BA, Kowalik IA, Kowalski BJ, Suffczynski M, Mycielski A, Colonna S, Ottaviani C, Ronci F, Cricenti A	Differential reflectivity and photoemission study of ZnTe and CdTe (110) surface	Journal of Alloys & Compounds 382 (1-2): 224-227 2004	2003	materials
603.	Orlowski BA, Kowalski BJ, Barrett N, et al.	Valence band of Cd1-xFexSe/Fe in resonant photoemission spectra	Applied Surface Science 104: 282-2851996	1996	surface
604.	Orlowski BA, Kowalski BJ, Dziawa P, Pietrzyk M, S. Mickievicius, I.A. Kowalik, V.Osinniy, B. Taliashvili, T. Story, Johnson RL	Fano resonance of Eu2+ and Eu3+ in (Eu,Gd)Te MBE layers	Acta Physica Polonica A 108 (2005) 803-807	2005	physics: general
605.	Orlowski BA, Kowalski BJ, Fronc K, Zuberek R, Mickevicius S, Mirabella F, Ghijsen J	Study of Fe/Si multilayers by photoemission spectroscopy	Journal of Alloys & Compounds 362 (1-2): 202-205 2004	2004	materials
606.	Orlowski BA, Kowalski BJ, Golacki Z, Story T, Johnson RL.	Gd 4f and 5d electrons in Sn0.96Gd0.04Te valence band.	Acta Physica Polonica A, vol.88, no.5, 1995, pp.857-860.	1995	physics: general
607.	Orlowski BA, Kowalski BJ, Guziewicz E, Szamota-Sadowska K,	Tunable ultraviolet source for resonant photoemission spectroscopy	Acta Physica Polonica B 30 (6): 2097-2106 1999	1999	physics: general
608.	Orlowski BA, Kowalski BJ, Guziewicz E,Szamota-Sadowska K, N. Barrett, C. Guillot, Johnson RL, Ghijsen J	Clean and doped surface electronic structure in angle-resolved and resonant photoemission study	Progress in Surface Science 67 (2001) 323-338.	2001	surface
609.	Orlowski BA, Kowalski BJ, N.Barrett, D.Martinotti, C.Guillot, J.P.Lacharme, C.A.Sebenne	Valence Band of CdFeSe\Fe in Resonant Photoemission Spectra	Applied Surface Science, 104/105, 282 (1996)	1996	surface
610.	Orlowski BA, Kowalski BJ, P. Dziawa	Fano resonance of Eu $^{2+}$ and Eu $^{3+}$ in (Eu,Gd)Te MBE layers	Acta Physica Polonica A 108 (2005) 803	2005	physics: general
611.	Orlowski BA, Mickevicius S, Kowalski BJ, I.A. Kowalik, K. Kopalko, A. Mycielski, Johnson RL	Mn doped ZnTe(110)-(1 x 1) surface in resonant photoemission study	Journal of Alloys & Compounds 382 (1-2): 218-223 2004	2004	materials
612.	Orlowski BA, Mickevicius S, Kowalski BJ,A.J. Nadolny, B. Taliashvili, J.Ghijsen, F. Mirabella, Johnson RL	X-ray and ultraviolet photoemission study of electronic structure of Sn1-xMnxTe MBE layers	Surface Science, 507-510C, 155 -159 (2002)	2002	surface science
613.	Orlowski BA, Mickievicius S, Osinniy V,A. Nadolny, B. Taliashvili, P. Dziawa, T. Story, R. Medicherla, W. Drube	High-energy x-ray photoelectron spectroscopy study of MBE grown (Eu, Gd) Te layers	Nuclear Instruments and Methods in Physics Research, Section B (Beam Interactions with Materials and Atoms) 238 (1-4): 346-352 2005	2005	sources instruments
614.	Orlowski N, Augustin J, Golacki Z, Janowitz C, Manzke R.	Direct evidence for the inverted band structure of HgTe.	Physical Review B -Condensed Matter, vol.61, no.8, 2000, pp.R5058-R5061.	2000	physics: condensed matter
615.	Orlowski N, C. Janowitz, A. Muller, R. Manzke, Kowalski BJ, Orlowski BA	Resonant Photoemission Study of Sn(0.96)Gd(0.4)Te	Acta Physica Polonica A 91, 847 (1997)	1997	physics: general
616.	Orlowski N, C. Janowitz, R. Manzke, Z. Golacki	Bulk band structure and negative band gap of HgTe by angle-resolved photoemission spectroscopy	Narrow Gap Semiconductors, N. Puhlmann, H.-U. M ller, M. von Ortenberg (eds.), Berlin, 2000, p. 128	2000	physics: solid state

			2000, p. 128		
617.	Oscarsson H, L. Ilver, J. Kanski, P. O. Nilsson, U. Sodervall, J. Sadowski	Thickness dependent valence band width in InAs layers on GaAs(111)A	Proceedings of the 24th International Conference on the Physics of Semiconductors Jerusalem, Israel (2 - 7 August 1998), World Scientific Publishing, Singapore (1999)	1999	physics: solid state
618.	Otwinowski Z, R. W. Schevitz, R.-G. Zhang, C. L. Lawson, A. Joachimiak, R. Q. Marmorstein, B. F. Luisi, P. B. Sigler	Crystal structure of trp represser/operator complex at atomic resolution	Nature 335, 321-329 (22 Sep 1988)	1988	science: general
619.	Paixao JA, M. R. Silva, S. Aa. Sørensen, B. Lebech, G. H. Lander, P. J. Brown, S. Langridge, E. Talik, A. P. Gonçalves	Neutron-scattering study of the magnetic structure of DyFe4Al8 and HoFe4Al8	Physical Review B -Condensed Matter61, 6176-6188 (2000)	2000	physics: condensed matter
620.	Palosz B	Application of powder diffraction methods to analysis of the atomic structure of nanocrys and experiment; I. The capabilities and limit conventional powder diffractometry: the con II High pressure studies of nanocrystalline n	Mechanics of Advanced Materials (Lecture Notes 4): Proceedings AMAS Course - MAM-2001, Ed.Z.Mróz, Center of Excellence for Advanced Materials and Structures, Warsaw 2002 pp. 235-306.	2002	materials
621.	Palosz B	Synthesis of ceramic-based nanocomposites under high pressures and their characterization using diffraction methods,	Proc. International Workshop: Processing and Characterization of Nanomaterials, 8-10 October, 2003	2003	materials
622.	Palosz B	Single- and nano-crystals: similarities and differences from the perspective of powder diffraction	Annals of the Polish Chemical Society, Vol.3 (1) 760-763 (2004).	2004	chemistry: general
623.	Palosz B, Gierlotka S, A. Swiderska-Sroda, K. Fietkiewicz, G. Kalisz, Grzanka E, Stelmakh S, and W. Palosz,	Combining hard with soft materials in nanoscale under high-pressure high-temperature conditions	Innovative Superhard Materials and Sustainable Coatings for Advanced Manufacturing, Eds. J.Lee and N.Novikov, 2005 Springer, 43-62,	2005	materials
624.	Palosz B, Gierlotka S, Grzanka E, K.Akimow, Pielaszek R, P.Biczyk, A.Grzegorczyk, Stelmakh S, U.Bismayer and J.F.Janik	Distribution of Strain in GaN and SiC Nanocrystals Under Extreme Pressures	Material Science Forum 378-381, 735-740 (2001)	2001	materials
625.	Palosz B, Gierlotka S, Stel'makh S, Pielaszek R, Zinn P, Winzenick M, Bismayer U, Boysen H	High-pressure high-temperature in situ diffraction studies of nanocrystalline ceramic materials at HASYLAB	Journal of Alloys & Compounds 286 (1-2): 184-194 1999	1999	materials
626.	Palosz B, Grzanka E, C. Pantea, T. W. Zerda, Y. Wang, J. Gubicza, T. Ungar	Microstructure of nanocrystalline diamond powder studied by powder diffractometry	Journal of Applied Physics, 97, 064316 (2005).	2005	physics: applied
627.	Palosz B, Grzanka E, Gierlotka S, Stelmakh S, P. Pielaszek, U. Bismayer, J. Neuefeind, H.-P. Weber, W. Palosz	Diffraction studies of nanocrystals: theory and experiment	Acta Physica Polonica A 102 , 57 (2002)	2002	physics: general
628.	Palosz B, Grzanka E, Gierlotka S, Stelmakh S, Pielaszek R, U. Bismayer, J. Neuefeind, J.F. Janik	Surface strain in nanocrystalline GaN and SiC: x-ray diffraction study	Zeitschrift fur Kristallographie Suppl., 18 , 181 (2001)	2001	crystallography

629.	Palosz B, Grzanka E, Gierlotka S, Stelmakh S, Pielaszek R, U. Bismayer, J. Neuefeind, H.-P. Weber, Th. Proffen, R. Von Dreele, & W. Palosz	Analysis of short and long range atomic order in nanocrystalline diamonds with application of powder diffractometry	Zeitschrift für Kristallographie Vol.217, 497-509 (2002).	2002	crystallography
630.	Palosz B, Grzanka E, Gierlotka S, Stelmakh S, Pielaszek R, W. Lojkowski, U. Bismayer, J. Neuefeind, H.-W. Weber, W. Palosz	Application of X-ray powder diffraction to nano-materials - Determination of the atomic structure of nanocrystals with relaxed and strained surfaces	Phase Transitions 76, 171-185 (2003)	2003	physics: solid state
631.	Palosz B, Grzanka E, Stelmakh S, Gierlotka S, Pielaszek R, U. Bismayer, H.-P. Weber, Th. Proffen, and W. Palosz	Application of Powder Diffraction Methods to the Analysis of Short- and Long-range Atomic Order in Nanocrystalline Diamond and SiC; the Concept of the Apparent Lattice Parameter (alp)	Solid State Phenomena, Ed.W.Lojkowski &.J.R.Blizzard, Scitec Publications, 94, 203-216 (2003).	2003	physics: solid state
632.	Palosz B, Stelmakh S, Gierlotka S, M. Aloszyna, Pielaszek R, P. Zinn, Th. Peun, U. Bismayer, D.G. Keil	High pressure diffraction studies of flame-generated silicon carbide powders	Ceramic Transactions, Vol. 85: Innovative Processing and Synthesis of Ceramics, Glasses, and Composites, NP. Bansal, K.V. Logan, J.P. Singh (eds.), American Ceramic Soc., Westerville,OH/USA, 1998, p. 77-88	1998	materials
633.	Palosz B, Stelmakh S, Grzanka E, Gie Pielaszek R, U. Bismayer, S. Werner, Palosz	High Pressure X-ray Diffraction Studies on Nanocrystalline Materials	Journal of Physics-Condensed M S353-S377 (2004)	2004	materials
634.	Palosz B, Stelmakh S, Grzanka E, Gierlotka S, U.Bismayer, S.Werner & W.Palosz	Application of high pressure diffraction techniques for examination of structural properties of nanocrystals	Ed. A.K.Bandyopadhyay, D.Varandani & Krishnan Lal, "Advances in High Pressure Science and Technology", Proceedings of the International Conference on High Pressure Science and Technology, New Delhi, India, 27-30 November 2001, str. 262-267.	2001	high pressure
635.	Palosz B, Stelmakh S, Grzanka E, Gierlotka S, Y. Zhao, and W. Palosz	Investigation of the surface stress in SiC nanocrystals by in-situ high pressure powder diffraction technique	Materials Research Society Symposium Proceedings 778, U1.11.1-6 (2003)	2003	materials
636.	Palosz B, Stelmakh S, M.Aloshina, Gierlotka S, P.Zinn, Th.Peun, U.Bismayer	High-Pressure High-Temperature in situ Diffraction Study of Sintering of SiC: α-, β- and Nanocrystalline Ceramics	Proceedings Q-MAT '97, Warsaw, 16-19 April (1997).	1997	materials
637.	Palosz B., Stelmakh S, Gierlotka S, M. Aloszyna, Pielaszek R, P. Zinn, Th. Peun, U. Bismayer, D.G. Keil	Evolution of disordering in SiC under high pressure high temperature conditions: in-situ powder diffraction study	Materials Science Forum 278-281 , 612 (1998)	1998	materials
638.	Palosz W, Gillies D, Grasza K, et al.	Characterization of cadmium-zinc telluride crystals grown by 'contactless' PVT using synchrotron white beam topography	Journal of Crystal Growth 182 (1-2): 37-44 DEC 1997	1997	crystal growth
639.	Palosz W, Grasza K, Durose K, Halliday D.P, Boyall N.M, Dudley M, Raghothamachar B, Cai L	The effect of the wall contact and post-growth cool-down on defects in CdTe crystals grown by 'contactless' physical vapour transport.	Journal of Crystal Growth, 2003 254 3/4, 316-329	2003	crystal growth

640.	Paluszkiewicz C, Kwiatek WM	Analysis of human cancer prostate tissues using FTIR microspectroscopy and SRIXE techniques	Journal of Molecular Structure 565: 329-334 Sp. Iss. SI 2001	2001	crystallography
641.	Pankowski P., Pizzini S., Pelka J., Wawro A., Baczewski L.,	Growth mode and structural characterization of epitaxial TM/RE thin films	Journal of Alloys & Compounds, vol.362, 2004, 56-60,	2004	materials
642.	Parlinski K, Jochym PT, Leupold O, A. I. Chumakov, R. Rüffer, H. Schober, A. Jianu, J. Dutkiewicz, and W. Maziarz	Local modes of Fe and Co atoms in NiAl intermetallics	Physical Review B -Condensed Matter 70 (22): Art. No. 224304 2004	2004	physics: solid state
643.	Pascarelli S, F. Boscherini, S. Mobilio, Lawniczak-Jablonska K, R. Kozubski,	The local structure of L1 -ordered $Ni_{75}(Al_{1-x}Fe_x)$ alloys",	Physical Review B -Condensed Matter 49, 1994, 14 984.	1994	physics: solid state
644.	Pasenkiewicz-Gierula M , T. Rog, J. Grochowski, P. Serda, R. Czarnecki, T. Librowski, S. Lochynski	Effects of a Carene Derivative Local Anesthetic on aPhospholipid Bilayer Studied by Molecular Dynamics	Biophys. J., 85, 1248 -1258 (2003)	2003	biophysics
645.	Pasternak O, Bujacz GD, Y.Fujimoto, Y.Hashimoto, M.M.Sikorski, Jaskolski M	Unusual zeatin binding revealed by atomic-resolution structure of cytokinin-specific binding protein.	The Plant Cell, 2005 submmitted	2005	biology
646.	Pasternak O, J.Biesiadka, R.Dolot, Bujacz G, M.M.Sikorski, Jaskolski M	Crystal structure of a yellow lupine pathogenesis-related PR-10 protein belonging to a novel subclass.	Acta Crystallographica D: Biological Crystallography 61, 2005 99-107	2005	crystallography: biological
647.	Paszkowicz W, Cerny R, Krukowski S	Rietveld refinement for indium nitride in the 105-295 K range	Powder Diffraction 18 (2): 114-121 JUN 2003	2003	crystallography
648.	Paszkowicz W, Domagala JZ, Sokołowski J.A, Kamler G., Podsiadło S., Knapp M.	Thermal expansion of GaN in the temperature range 11 K - 296 K	Synchrotron Radiation Studies of Materials, eds.: M. Lefeld-Sosnowska, J. Gronkowski, (Instytut Fizyki Doświadczalnej Uniwersytetu Warszawskiego, Warszawa, 1999), pp. 183-189. ISBN 83-913171-0-2	1999	sources instruments
649.	Paszkowicz W, Dynowska E	High pressure high temperature diffraction study of MnTe using synchrotron radiation	Acta Physica Polonica A 91 (5): 939-944 1997	1997	physics: general
650.	Paszkowicz W, Dynowska E, Zytkiewicz ZR, Dobosz D, Otto JW.	High-pressure diffraction study of Ga1-xAlxAs.	Acta Physica Polonica A vol.91, no.5, 997 993-996.	1997	physics: general
651.	Paszkowicz W, Dynowska E., Peun T	High pressure-high temperature diffraction study of MnTe using synchrotron radiation.	Acta Physica Polonica A vol.91, no.5, 1997 939-944.	1997	physics: general
652.	Paszkowicz W, Gorecka J, Domagala J, Dmitruk N, Varshava SS, Hartwig J, Ohler M, Pietraszko A.	X-ray characterization of GaAs:Zn gas-transport grown whiskers using conventional and synchrotron sources.	Acta Physica Polonica A vol.91, no.5, 1997 997-1002.	1997	physics: general
653.	Paszkowicz W, Knapp M, Domagala JZ, Kamler G, Podsiadlo S.	Low-temperature thermal expansion of Mg3N2.	Journal of Alloys & Compounds, vol.328, 2001, pp.272-275.	2001	materials
654.	Paszkowicz W, Szuszkiewicz W, Domagala J, Dynowska E, Witkowska B, Marczak M, Zinn P	Sphalerite-cinnabar phase transition in $Hg_{1-x}Fe_xS$	Materials Science Forum 321-324 (2000) 893-897	2000	materials
655.	Paszkowicz W, Szuszkiewicz W, Dynowska E, Domagala J, Witkowska B, Marczak M, Zinn P.	High-pressure-high-temperature study of $Hg_{1-x}Mn_x$ S.	Journal of Alloys & Compounds, vol.286, no.1-2,1999, pp.208-212.	1999	materials

656.	Paszkowicz W, Szuszkiewicz W, Dynowska E, Domagala JZ, Lathe C	Pressure distribution in a large-anvil pressure cell	Journal of Alloys & Compounds, vol.362 (2004) 96-98	2004	materials
657.	Paszkowicz W, Szuszkiewicz W, Dynowska E., Domagala J.Z., Truckenbrodt J., Skierbiszewski C.	High-pressure study of $Hg_{1-x}TM_xS$ (TM = Mn, Fe, Co)	Synchrotron Radiation Studies of Materials, eds.: M. Lefeld-Sosnowska, J. Gronkowski, (Instytut Fizyki Doświadczalnej Uniwersytetu Warszawskiego, Warszawa, 1999), pp. 191-198. ISBN 83-913171-0-2	1999	sources instruments
658.	Paszkowicz W, Szuszkiewicz W, Szamota-Sadowska K., Domagala J.Z., Witkowaka B., Marczak M., Zinn P.	X-ray diffraction study of sphalerite-cinnabar phase transition in $Hg_{0,985}Co_{0,015}S$,	Materials Structure in Chemistry, Biology, Physics and Technology 6 (2), 102-103, (1999)	1999	materials
659.	Paszkowicz W. Knapp M., Bähtz C., Minikayev R., Piszora P., Jiang J.Z., Bacewicz R.	Synchrotron X-ray wavelength calibration using a diamond internal standard: application to low-temperature thermal-expansion studies	Journal of Alloys & Compounds, vol.382 1-2 (2004) 107-111	2004	materials
660.	Paszkowicz W.,	High-pressure powder X-ray diffraction at the turn of the century	Nuclear Instruments and Methods in Physics Research, Section B (Beam Interactions with Materials and Atoms), vol.198, 2002, pp. 142-182,	2002	sources instruments
661.	Paszkowicz W., Dynowska E., Peun T.	Investigation of compression and thermal expansion of α-MnTe using a cubic-anvil X-ray diffraction press	Advances in X-Ray Analysis 40 (1998) 698-703	1998	crystallography
662.	Paszkowicz W., Knapp M., Podsiadło S., Kamler G., Pelka J.,	Lattice parameters of aluminium nitride in the range 10-291 K	Acta Physica Polonica A vol.101 (5), 2002, pp. 781-785,	2002	physics: general
663.	Paszkowicz W., Minikayev R., Piszora P., Knapp M., Bahtz C., Recio J., Marques M., Mori-Sanchez P., Gerward L., Jiang Y.	Thermal expansion of spinel-type Si3N4	Physical Review B -Condensed Matter,Vol.69, 2004, 52103-1-4,	2004	physics: solid state
664.	Paszkowicz W., Pelka J., Knapp M., Szyszko T., Podsiadło S.,	Lattice parameters and anisotropic thermal expansion of hexagonal boron nitride in the 10-297.5 K temperature range	Applied Physics A (Materials Science Processing) 75 (3), 2002, pp. 431-435,	2002	physics: applied
665.	Paszkowicz W., Szuszkiewicz W., Dynowska E., Domagala J.Z., Firszt F., Męczyńska H., Łęgowski S., Lathe C.,	High-pressure structural and optical properties of wurzite-type Zn1-xMgxSe	Journal of Alloys & Compounds, vol.371, 2004, 168-171,	2004	materials
666.	Paszkowicz W., W. Szuszkiewicz, Szamota-Sadowska K, J. Domagala, B. Witkowska, M. Marczak, P. Zinn	X-ray diffraction study of sphalerite-cinnabar phase transition in Hg1-xCoxS	Bull. Czech Slovak Crystallogr. Assoc. 5B, 180 (1998)	1998	crystallography
667.	Patkowski A, Thurn-Albrecht T, Banachowicz E,W. Steffen, P. Bösecke, T. Narayanan, and E. W. Fischer	Long-range density fluctuations in orthoterphenyl as studied by means of ultrasmall-angle x-ray scattering	Physical Review E 61 (6): 6909-6913 Part B 2000	2000	physics: general
668.	Patrykiejew A	Phase transitions in adsorbed layers	Studies in Surface Science and Catalysis 99: 599-627 1996	1996	surface science
669.	Patrykiejew A, Sokolowski S, Binder K	Incommensurate phases in adsorbed monolayers: structure and energy of domain walls	Surface Science 512 (1-2): 1-15 JUN 20 2002	2002	surface science

670.	Pelka J., Andrejczuk A., Reniewicz H., Schell N., Krzywiński J., Sobierajski R., Wawro A., Żytkiewicz Z., Klinger D., Juha L.,	Structure modifications in silicon irradiated by ultra-short pulses of XUV free electron laser	Journal of Alloys & Compounds, vol.382, 2004, 264-270,	2004	materials
671.	Pelka J., Paszkowicz W., Gierlowski P., Lewandowski S., Zielinski M., Barbanera S., Knapp M.,	X-ray characterization of films formed by pulsed laser deposition on cold substrates from YBaCuO targets	Acta Physica Polonica A, 101, 2002, pp. 787-794,	2002	physics: general
672.	Pelka J.B., A. Cedola,S. Lagomarsino, S. Di Fonzo, W. Jark, G. Soullie	Application of resonance-enhanced x-ray propagation effect to the study of layered structures by GIXR and secondary radiation	Journal of Alloys & Compounds 286 (1999) 313-321	1999	materials
673.	Pelka J.B., J. Auleytner, J. Domagała, M. Janik-Czachor, A. Werner	Study of near-surface layers modified by ion implantation in Si wafers by grazing incidence x-ray reflectometry	Journal of Alloys and Compounds 286 (1999) 337-342	1999	materials
674.	Pelka J.B., S. Lagomarsino, A. Cedola,S. Di Fonzo, W. Jark, B. Müller, and J. Domagała	Secondary effects excited by standing waves in x-ray waveguide layers	Zastosowanie Promieniowania Synchrotronowego", ed. E. Sobczak, Wydawnictwo Fundacji im. Wojciecha Świętosławskiego, Warszawa 1995, pp. 130-135.	1995	sources instruments
675.	Pelka JB, Brust M, Gierłowski P, Paszkowicz W, Schell N	Structure and conductivity of self-assembled films of gold nanoparticles	Applied Physics Letters (2006) accepted	2006	physics: applied
676.	Pelka JB, Paszkowicz W, Dluzewski P, Brust M, Kiely CJ, Knapp M, Czerwosz E.	Characterisation of thin films containing Au and Pd nanoparticles by grazing-incidence X-ray diffraction and related methods.	Journal of Alloys & Compounds, vol.328, 2001, pp.248-252.	2001	materials
677.	Pelka JB, Paszkowicz W, Dluzewski P, Dynowska E, Wawro A, Baczewski LT, Kozlowski M, Wisniewski A, Seeck O, Messoloras S, Gamari-Seale H.	Structural and magnetic study of Co/Gd multilayers deposited on Si and Si-N substrates. I	Journal of Physics D-Applied Physics, vol.34, no.10A, 2001, pp.A208-A213.	2001	physics: applied
678.	Pelka JB, Paszkowicz W, Wawro A, Baczewski LT, Seeck O.	Structural study of Co/Gd multilayers by X-ray diffraction and GIXR.	Journal of Alloys & Compounds, vol.328, 2001, pp.253-258.	2001	materials
679.	Pelka JB, S. Lagomarsino	Metrological applications of x-ray waveguide thin film structures in x-ray reflectometry and diffraction	Acta Physica Polonica A102 (2002) 307-312	2002	physics: general
680.	Pernot-Rejmankova P, Laprus W, Baruchel J	Focusing effect in X-ray diffraction imaging of LiNbO3 crystals under static electric field	European Physical Journal-APPL PHYS 8 (3): 225-232 DEC 1999	1999	physics: applied
681.	Persson P, Lunell S, Szoke A, et al.	Shake-up and shake-off excitations with associated electron losses in X-ray studies of proteins	Protein Science 10 (12): 2480-2484 DEC 2001	2001	biology
682.	Petit M, Baca D, Arabasz S, Bideux, L, Tsud, N, Fabik, S, Gruzza, B, Chab, V, Matolin, V, Prince, K.C.	Nitridation of InP(100) surface studied by synchrotron radiation	Surface Sciencel 583 (2-3): 205-212 2005	2005	surface science
683.	Piacentini M, D Debowska, A Kisiel, R Markowski, A Mycielski, N Zema	Cdl-xFexSe room-temperature reflectivity in the 10-25 eV energy range	Journal of Physics: Condensed Matter 5 (1993) 3707-3716	1993	physics: condensed matter
684.	Piacentini M, Debowska D, Kisiel A, R.Markowski, A.Mycielski, Zema N,	Cd_{1-x} Fe_xSe Room Temperature Reflectivity in the 10-25 eV Energy Range	Journal of Physics: Condensed Matter, 5, 3707, (1993)	1993	physics: solid state

685.	Piccinini M, Guidi MC, Marcelli A, Calvani P, Burattini E, Nucara A, Postorino P, Sacchetti A, Arcangeletti E, Sheregii E, Polit J, Kisiel A	Far-infrared synchrotron radiation spectroscopy of solids in normal and extreme conditions	Physica-Status-Solidi-C. 2005; (1): 236-239	2005	physics: solid state
686.	Pieczka A, Kraczka J	Oxidized tourmalines - a combined chemical, XRD and Mossbauer study	EUR J MINERAL 16 (2): 309-321 MAR-APR 2004	2004	mineralogy
687.	Pielaszek R, Gierlotka S, Grzanka E, Stelmakh S, B.. Palosz,	X-Ray Characterization of Nanostructured Materials	Defect and Diffusiom Forum, Vol.208-209, 187-200 (2002).	2002	physics: solid state
688.	Pielaszek R, Gierlotka S, Grzanka E, Stelmakh S, Palosz B,	Influence of high pressure on the polytype structure of nanocrystalline GaN	Defect and Diffusion Forum, Vol.208-209, 201-208 (2002) .	2002	physics: solid state
689.	Pielaszek RM. Aloshina, Palosz B, Gierlotka S, Stelmakh S	Modelling of strain distribution in non-hydrostatically pressed nanocrystalline SiC: in situ diffraction study	Materials Research Society Symposium Proceedings 501, 305-310 (1998).	1998	materials
690.	Pikul A, D. Kaczorowski, Z. Bukowski, G. Gofryk, U. Burkhardt, Yu. Grin, F. Steglich	On the localization of magnetic moments of cerium in single crystalline CePt4In	Physical Review B -Condensed Matter, accepted (2005)	2005	physics: solid state
691.	Piskorska E, Lawniczak-Jabłońska K., Demchenko I., Minikayev R., Benko E., Klimczyk P., Witkowska A., Welter E., Heinonen M.H.,	Characterization of the c-BN/TiC, Ti3SiC2 systems by element selective spectroscopy	Journal of Alloys & Compounds, vol.382, 2004, 187-194,	2004	materials
692.	Piskorska E., Lawniczak-Jabłońska K., Benko E., Demchenko I., Benko E., Welter E.,	X-ray absorption studies of phases formation in a Ti/TiN coating on cubic boron nitride	Journal of Alloys & Compounds, vol.362, 2004, 171-177,	2004	materials
693.	Piszora P	Temperature dependence of the order and distribution of Mn3+ and Mn4+ cations in orthorhombic LiMn2O4	Journal of Alloys & Compounds 382 (1-2): 112-118 2004	2004	materials
694.	Piszora P	Temperature dependent structural studies on LiMn2O4	Applied Crystallography, H. Morawiec & D. Stroz, World Scientific, New Jersey, London, XIX, 146-149 (2004)	2004	crystallography
695.	Piszora P	Inequality of quenched and high temperature structure of lithium deficient LiMn2O4	Journal of Alloys & Compounds 401 (1-2): 34-40 2005	2005	materials
696.	Piszora P, J. Darul, W. Nowicki, E. Wolska	Synchrotron X-ray powder diffraction studies on the phase transitions in LiMn2O4	Journal of Alloys & Compounds 362, 231-235 (2004)	2004	materials
697.	Piszora P, W. Nowicki, J. Darul, E. Wolska	Synthesis and characterization of the lithium deficient Fe-substituted Li-Mn oxide spinel phases	Materials Letters 58, 1321-1326 (2004)	2004	materials
698.	Piszora P, W. Paszkowicz, C. Baehtz, E. Wolska	High-resolution X-ray diffraction studies on the phase transitions in the spinel lithium-manganese oxide	Solid State Communications in press (2003)	2003	physics: solid state
699.	Piszora P., Paszkowicz W., Baehtz C., Wolska E.,	X-ray diffraction studies on the nature of the phase transition in the stoichiometric LiMn2O4	Journal of Alloys & Compounds, vol.382, 2004, 119-122,	2004	materials
700.	Pivak Ye, L. Vasylechko, A. Senyshyn, M. Berkowski, M. Knapp	Structure, thermal expansion and phase transition in La0.92Sr0.08Ga0.92Ti0.08O3 single crystal	Fuel Cell Technologies: State & Perspectives, NATO Science Series, N. Sammes and O. Vasyliev, Kluwer Academic	2005	technology

			Publishers, Boston/Dordrecht/London, 202, 287-293 (2005)		
701.	Pivak Ye. , L. Vasylechko, A. Matkovskii, M. Berkowski	Thermal expansion of La0.92Sr0.08Ga0.92Ti0.08O3 crystal	Bull. Lviv Polytechn. Nat. Univ. Electr., 514, 142-148 (2004)	2004	science: general
702.	Plucinski L, Johnson RL, A. Fleszar, W. Hanke, W. Weigand, C. Kumpf, C. Heske, E. Umbach, T. Schallenberg, L.W. Molenkamp	Valence band electronic structure of ZnSe(001): Theory and Experiment	Physical Review B -Condensed Matter, 70, 125308 (2004)	2004	physics: solid state
703.	Plucinski L, Johnson RL, Kowalski BJ,, Kopalko K, Orlowski BA, Kovalyuk ZD, Lashkarev GV	Electronic band structure of GaSe(0001): Angle-resolved photoemission and ab initio theory	Physical Review B -Condensed Matter 68 (12): Art. No. 125304 2003	2003	physics: solid state
704.	Plucinski L, Learmonth T, Colakerol L, Bernardis S, Zhang YF, Glans PA, Smith KE, Zakharov AA, Nyholm R, Grzegory I, Suski T, Porowski S, Friel I, Moustakas TD	Resonant shake-up satellites in photoemission at the Ga 3p photothreshold in GaN	Solid State Communications 136 (4): 191-195 2005	2005	physics: solid state
705.	Plucinski L, Strasser T, Kowalski BJ, Rossnagel K, Boetcher T, Einfeldt S, Hommel D, Grzegory I, Porowski S, Orlowski BA, Schattke W, Johnson RL	Electronic band structure of gallium nitride: a comparative angle-resolved photoemission study of single crystals and thin films	Surface Science 507-510C 223-228 2002	2002	surface science
706.	Plucinski Li, W. Weigand, C. Kumpf, C. Heske, R. Kosuch, T. Schallenberg, L.W. Molenkamp, E. Umbach, Johnson RL	Two-fold symmetry in the surface electronic structure of ZnSe(001)-c(2x2):Theory and experiment	Surface Science 585, 95-100 (2005) 95	2005	surface science
707.	Podgorny M, Czyzyk M, A. Balzarotti, P.Letardi, N.Motta, Kisiel A, M.Zimnal- Starnawska	Crystalographic structure of semiconducting alloys	Solid State Commun., 55, 413 (1985)	1985	physics: solid state
708.	Podgorny M, Kisiel A, Oleszkiewicz J, G.Galba, P.Fornasini, E.Burattini,	The Conduction Band Structure of the Hexagonal and Cubic Phases of MnTe	Proc. "2nd European Conf. on Progress in X-Ray Synchrotron Radiation Research", vol. 25, ed. A. Balerna , E.Bernieri and S.Mobilio, SIF,Bologna 1990, p.859.	1990	sources instruments
709.	Podsiadlo,-S, Szyszko,-T, Gebicki,-W, Gosk,-J, Bacewicz,-R, Dobrzycki,-L, Wozniak,-K, Zajac,-M, Twardowski,-A.	Synthesis of bulk Ga1-xMnxN: a prospective spintronic material	Chemistry-of-Materials. 2 Dec. 2003; 15(24): 4533-5	2003	chemistry: materials
710.	Polewski K, Kramer SL, Kolber ZS, Trunk JG, Monteleone DC, Sutherland JC.	Time-resolved fluorescence using synchrotron radiation excitation: A powered fourth-harmonic cavity improves pulse stability.	Review of Scientific Instruments, Aug94, Vol. 65 Issue 8, p2562-2568	1994	sources instruments
711.	Polit J, Sheregii EM, Cebulski J, Pociask M, Kisiel A, Mycielski A, Robouch BV, Burattini E, Marcelli A, Guidi MC, Piccinni M, Calvani P, Nucara A	Manifestation of defects in phonon spectra of binary zinc-blende compounds	European Physical Journal-APPL PHYS 27 (1-3): 321-324 JUL-SEP 2004	2004	physics: applied
712.	Polit J, Sheregii EM, Robouch BV, P. Zajdel, A. Marcelli, J. Cebulski, M. Castelli-Guidi, M. Piccinini, E. Burattini, Kisiel A, Mycielski A	Phonon and Vibrational Spectra of Hydrogenated CdTe	Journal of Applied Physics, (2006) - in Press	2006	physics: applied

713.	Polit J., Kisiel A, Mycielski A, Marcelli A, Sheregii E, Cebulski J, Piccinini M, Cestelli-Guidi M, Robouch BV, Nucara A	Vibrational spectra of hydrogenated CdTe	Physica-Status-Solidi-C. 2005; (3): 1147-54	2005	physics: solid state
714.	Polit JJ, Sheregii EM, Burattini E, Marcelli A, Guidi MC, Calvani P, Nucara A, Piccinini M, Kisiel A, Konior J, Sciesinska E, Sciesinski J, MycielskiA	Analysis of phonon spectra of the ZnxCd1-xTe solid-solution	Journal of Alloys & Compounds 371 (1-2): 172-176 2004	2004	materials
715.	Powell CJ, Jablonski A	Comparisons of calculated and measured effective attenuation lengths for silicon dioxide over a wide electron energy range	Surface Science 488 (1-2): L547-L552 AUG 1 2001	2001	surface science
716.	Prieur JY, Joffrin J, Szuszkiewicz W, Dynowska E, Gorecka J, Witkowska B.	Elastic constants of beta -HgS	Acta Physica Polonica A vol.94, no.3, 1998 487-491.	1998	physics: general
717.	Proost K, Vincze L, Janssens K, et al.	Characterization of a polycapillary lens for use in micro-XANES experiments	X-Ray Spectrometry 32 (3): 215-222 MAY-JUN 2003	2003	spectroscopy
718.	Prudnikov A, Misiuk A, Hartwig J, Efros B, Bak-Misiuk J.	Influence of oxygen dopants in silicon on pressure induced phase transitions	Fizika i Tekhnika Vysokich Davlenij 11, 1 (2001) 117-121.	2001	physics: solid state
719.	Przenioslo R, Sosnowska I, Fischer P, et al.	Determination of the Fe/Sn atoms distribution in BaSn2Fe4O11 by neutron and synchrotron radiation diffraction	PHYSICA B 234: 931-933 JUN 1997	1997	physics: general
720.	Przenioslo R, Sosnowska I, Suard E, et al.	Phase coexistence in the charge ordering transition in CaMn7O12	Journal of Physics-Condensed Matter 14 (23): 5747-5753 JUN 17 2002	2002	physics: solid state
721.	Przenioslo R, Sosnowska I, Suard E, Hewat, A, Fitch, A.N.	Charge ordering and anisotropic thermal expansion of the manganese perovskite CaMn7O12	PHYSICA B 344 (1-4): 358-367 FEB 15 2004	2004	physics: general
722.	Przenioslo R, Sosnowska I, Van Beek W, et al.	Phase separation in CaCuxMn7-xO12 (x=0.38)	Journal of Alloys & Compounds 362 (1-2): 218-223 Jan 14 2004	2004	materials
723.	Przenioslo R, Sosnowska I, Zoltek M, et al.	Domain size effects in neutron and SR powder diffraction studies of some oxides	Journal of Alloys & Compounds 286 (1-2): 180-183 May 5 1999	1999	materials
724.	Przenioslo R, van Beek W, Sosnowska I	Phase coexistence in annealed CaMn7O12	Solid State Communications 126 (9): 485-488 MAY 2003	2003	physics: solid state
725.	Przysłupski P., Komissarov I., Dłużewski P., Pelka J., Dynowska E., Sawicki M.,	Structure characterization and magnetic properties of oxide multilayers $Nd_{0.67}Sr_{0.33}MnO_3/YBa_2Cu_3O_{7-x}$	Physica C, vol.387 (1-2), 2003, pp. 40-43	2003	physics: general
726.	Rabiej M, Rabiej S	Analysis of synchrotron WAXD curves of semicrystalline polymers by means of the Optifit computer program	FIBRES & TEXTILES IN EASTERN EUROPE 13 (5): 75-78 Sp. Iss. SI JAN-DEC 2005	2005	materials
727.	Rabiej M., Rabiej S	Analysis of synchrotron WAXS curves of semicrystalline polymers by means of The “OptiFit” computer program	Fibres & Textiles in Eastern Europe 2005, 13, no.5, s.75.	2005	materials
728.	Rabiej S	On the origin of the multiple melting observed after isothermal crystallization of homogeneous ethylene/1-octene	POLIMERY-W 49 (6): 414-423 2004	2004	materials

		copolymers			
729.	Rabiej S	The influence of side branches on the structure of crystalline phase in ethylene-1-alkene copolymers	EUR POLYM J 41 (2): 393-402 FEB 2005	2005	materials
730.	Rabiej S, Goderis B, Janicki J, et al.	Characterization of the dual crystal population in an isothermally crystallized homogeneous ethylene-1-octene copolymer	POLYMER 45 (26): 8761-8778 DEC 9 2004	2004	materials
731.	Raboud PA, Berset M, Dousse JC, Y.-P. Maillard, O. Mauron, J. Hoszowska, M. Polasik, and J. Rzadkiewicz	Energy-dependent KL double photoexcitation of argon	Physical Review A 65 (6): Art. No. 062503 2002	2002	physics: general
732.	Rantamaki R, Tuomi T, Z.R. Zytkiewicz, D. Dobosz, P.J. McNally and A.N. Danilewsky	Epitaxial lateral overgrowth of gallium arsenide studied by synchrotron topography	Materials Research Society Symposium Proceedings 570, pp. 181-186 (1999).	1999	materials
733.	Rantamaki R, Tuomi T, Z.R. Zytkiewicz, J. Domagala, P.J. McNally and A.N. Danilewsky	Synchrotron x-ray topographic analysis and high-resolution diffraction analysis of mask-induced strain in epitaxial laterally overgrown GaAs layers	Journal of Applied Physics 86, pp. 4298-4303 (1999)	1999	physics: applied
734.	Rantamaki R, Tuomi T, Z.R. Zytkiewicz, P.J. McNally and A.N. Danilewsky	Comparative analysis of synchrotron x-ray transmission and reflection topography techniques applied to epitaxial laterally overgrown GaAs layers	Journal of X-Ray Science and Technology 8 1998 277 - 288 Options	1998	sources instruments
735.	Rantamaki R, Tuomi T, Zytkiewicz ZR, Domagala J, McNally PJ, Danilewsky AN.	Synchrotron X-ray topographic and high-resolution diffraction analysis of mask-induced strain in epitaxial laterally overgrown GaAs layers.	Journal of Applied Physics, vol.86, no.8, 1999, pp.4298-4303.	1999	physics: applied
736.	Rantamaki R, Tuomi T, Zytkiewicz ZR, et al.	Synchrotron x-ray topography analysis of GaAs layers grown on GaAs substrates by liquid phase epitaxial lateral overgrowth	Journal of Physics D: Applied Physics 32 (10A): A114-A118 Sp. Iss. SI MAY 21 1999	1999	physics: applied
737.	Richert M, Stuwe HP, Zehetbauer MJ, et al.	Work hardening and microstructure of AlMg5 after severe plastic deformation by cyclic extrusion and compression	Materials Science & Engineering A-STRUCT 355 (1-2): 180-185 AUG 25 2003	2003	materials
738.	Riu JRI, Karawajczyk A, Stankiewicz M, et al.	Non Franck-Condon effects in the photoionization of molecular nitrogen to the N-2(+) A (2)Pi(u) state in the 19-34 eV photon energy region	Chemical Physics Letters 338 (4-6): 285-290 2001	2001	physics: chemical
739.	Rius i Riu J, Alvarez J, Karawajczyk A, Stankiewicz M, Winiarczyk P, Veseth L	Non-Franck-Condon effects in the photoionization of N-2 to the N-2(+) A (2)Pi(u) state and of O-2 to the O-2(+) X (2)Pi(g) state in the 19-34 eV photon energy region	Surface Review & Letters 9 (1): 147-152 FEB 2002	2002	surface science
740.	Robouch BV, Burattini E, Kisiel A, A.L. A.G. Zaluzhnyi,	Strained –tetrahedra statistical model for atomic distances and site occupations in ternary intermetalic M3XX' structures; Ni3AlFe case	Journal of Alloys & Compounds 359, 73 (2003),	2003	materials
741.	Robouch BV, Kisiel A	Probabilistic Analysis of Site - Occupation Preferences in $Ga_xIn_{1-x}As_ySb_{1-y}$ and $Cd_xMn_{1-x}Se_yTe_{1-y}$ Quaternary Compounds	Acta Physica Polonica A 94, 3, 497 (1998)	1998	physics: general

742.	Robouch BV, Kisiel A	EXAFS data resolved into individual site occupation preferences in quaternary compounds with tetrahedral coordinated structure	Journal of Alloys & Compounds 1999; 286(1-2): 80-8	1999	materials
743.	Robouch BV, Kisiel A	Site occupation preferences in second coordination shells of zinc blende ZnMnSe	Proc. of 5th National Symposium of Synchrotron Radiation Users, Warsaw 1999, .	1999	sources instruments
744.	Robouch BV, Kisiel A	Ternary elemental zinc blende tetrahedra size, shapes, preferences as deduced from EXAFS obserwations	Uzhhorod University Scientific Herald, Series Physics, Issue 8, Part 1 (2000).	2000	physics: solid state
745.	Robouch BV, Kisiel A and E. M. Sheregii	Consideration of the Verleur model of far-infrared spectroscopy of ternary compounds	Physical Review B -Condensed Matter. 64, 073204 (2001).	2001	physics: general
746.	Robouch BV, Kisiel A, A. Marcelli, M. Castelli-Guidi, M. Piccinini, E. Burattini, Mycielski A	Statistical model of sphalerite structured quaternary $A_{1-x}B_xY_yZ_{1-y}$ systems	Journal of Alloys & Compounds (2006) (in press)	2006	materials
747.	Robouch BV, Kisiel A, J. Konior	Statistical model for atomic distances and si occupation in zinc-blende diluted magnetic semiconductors (DMSs)	Journal of Alloys & Compounds 3 (2002)	2002	materials
748.	Robouch BV, Kisiel A, J. Konior	Statistical model for site occupation preferences and shapes of elemental tetrahedra in zinc-blende semiconductors GaInAs, GaAsP, CdZnTe	Journal of Alloys & Compounds 339, 1 (2002)	2002	materials
749.	Robouch BV, Sheregii EM, Kisiel A,	Statistical analysis of inter-ionic distances and occupation preferences in ternary zincblende and wurzite structurated crystals	Physica Status Solidi (c) 1, 3015 (2004),	2004	physics: solid state
750.	Robouch BV, Sheregii EM, Kisiel A,	Statistical strained-tetrahedron model of local ternary zincblende crystal structures	Fizika Nizkikh Temperatur, 30, 1225 (2004),	2004	physics: solid state
751.	Rokita E, Chevallier P, Mutsaers PHA, Tabor Z, Wróbel A	Studies of crystal orientation and calcium distribution in trabecular bone	Nuclear Instruments and Methods in Physics Research, Section B (Beam Interactions with Materials and Atoms) 240 (1-2): 69-74 OCT 2005	2005	sources instruments
752.	Rokita E, Lazewski J, Hermes C, Nolting HF	Heating-induced conversion of Sr-contaminated brushite-EXAFS data analysis	Acta-Physica-Polonica-A. Nov. 1994; 86(5): 767-770	1994	physics: general
753.	Rokita E., Hermes C., Nolting H-F., Ryczek J.	Substitution of calcium by strontium within selected calcium phosphates	Journal of Crystal Growth 130 (1993) 543-552	1993	crystal growth
754.	Ruebenbauer K, Wdowik UD	Coherent quasielastic Bragg scattering from single crystals containing fast diffusers	Physical Review B -Condensed Matter 58 (18): 11896-11904 1998	1998	physics: solid state
755.	Ruf T, Serrano J, Cardona M, Pavone P, Pabst M, Krisch M, D'Astuto M, Suski T, Grzegory I, Leszczynski M	Phonon dispersion curves in wurtzite-structure GaN determined by inelastic x-ray scattering	Physical Review Letters 86 (5): 906-909 JAN 29 2001	2001	physics: general
756.	Ruiz JA, Erman P, Rachlew-Kallne E, et al.	Neutral dissociation of superexcited states in carbon monoxide	Journal of Physics B-AT MOL OPT 35 (13): 2975-2983 JUL 14 2002	2002	physics: general

757.	Ruiz JM, Erman P, Kivimaki A, et al.	Selective excitation of the np sigma(1)Sigma(+)(u) and np pi(1)Pi(u) to E,F (1)Sigma(+)(g) emission systems in molecular hydrogen using synchrotron radiation	Chemical Physics Letters 388 (1-3): 31-35 2004	2004	physics: chemical
758.	Rupprecht K, Friedmann T, Giefers H,, Wortmann G, Doyle B, Zukrowski J	High-pressure/high-temperature NFS study of magnetism in LuFe2 and ScFe2	HIGH PRESSURE RESEARCh 22 (1): 189-194 Sp. Iss. SI APR 2002	2002	physics: general
759.	Rusek M, Orlowski A	Explosion of atom clusters in a free-electron intense laser pulse	Acta Physica Polonica A 105 (5): 425-436 2004	2004	physics: general
760.	Ryba-Romanowski W, S. Golab, G. Dominiak-Dzik, P. Solarz	Eu3+ luminscence and Gd3+ - Eu3+ energy transfer in K5Li2GdF10:Eu3+	Applied Physics A (Materials Science Processing) 74 , 581 (2002)	2002	physics: applied
761.	Rypniewski WR, S. Hastrup, Ch. Betzel, M. Dauter, Z. Dauter, G. Papendorf, S. Branner and K.S. Wilson	The sequence and X-ray structure of the trypsin from Fusarium oxysporum	Protein Engineering 6, 4 341-348, 1993	1993	biology
762.	Rzadkiewicz J, Chmielewska D, Sujkowski Z, Berset M, Dousse JC, Maillard Y.-P, Mauron O, Raboud P.-A, Polasik M, Słabkowska K, Hoszowska J, Pajek M..	Natural widths of hypersatellite K-X-ray lines and lifetimes of double K-hole states in mid-Z atoms.	Nuclear Instruments & Methods in Physics Research Section B, Jul2005, Vol. 235 Issue 1-4, p110-115, 6p; DOI: 10.1016/j.nimb.2005.03.155; (AN 17926314)	2005	sources instruments
763.	Rzodkiewicz W., Kudla A., Misiuk A., Surma H.B., Bak-Misiuk J., Hartwig J., Ratajczak J.,	Structures prepared by implantation of silicon with nitrogen and annealing under high hydrostatic pressure	Materials Science in Semiconductor Processing,vol.7, 2004, 399-403,	2004	materials
764.	Sadowski J, Domagala J, Bak-Misiuk J, Swiatek K, Kanski J, Ilver L, Oscarsson H.	MBE growth and properties of GaMnAs(100) films.	Acta Physica Polonica A 94, 3, 1998, 509-513.	1998	physics: general
765.	Sadowski J, Domagala JZ, Bak-Misiuk J, Kolesnik S, Sawicki M, Swiatek K, Kanski J, Ilver L, Strom V.	Structural and magnetic properties of molecular beam epitaxy grown GaMnAs layers.	Journal of Vacuum Science & Technology B, vol.18, no.3, 2000, pp.1697-1700.	2000	cryst growth
766.	Sadowski J, Domagala JZ, Bak-Misiuk J, Kolesnik S, Swiatek K, Kanski J, Ilver L.	Structural properties of MBE grown GaMnAs layers.	Thin Solid Films, vol.367, no.1-2, 2000, pp.165-167.	2000	surface science
767.	Sadowski J, Mathieu R, Svedlindh P, Domagala JZ, Bak-Misiuk J, Swiatek K, Karlsteen M, Kanski J, Ilver L, Asklund H, Sodervall U.	Structural and magnetic properties of GaMnAs layers with high Mn-content grown by migration-enhanced epitaxy on GaAs(100) substrates.	Applied Physics Letters, vol.78, no.21, 2001, pp.3271-3273.	2001	physics: applied
768.	Sadowski J, Mathieu R, Svedlindh P, Karlsteen M, Kanski J, Ilver L, Asklund H, Swiatek K, Domagala JZ, Bak-Misiuk J, Maude D.	Properties of GaMnAs layers grown by migration enhanced epitaxy at very low substrate temperatures.	Physica E, vol.10, no.1-3, 2001, pp.181-185.	2001	physics: general
769.	Sadowski J., Mathieu R., Svedlindh P., Kanski J., Karlsteen M., Świątek K., Domagala J.Z.,	Magnetic properties of short period InGaMnAs/InGaAs superlattices	Acta Physica Polonica A vol.102 (4-5), 2002, pp. 687-694	2002	physics: general
770.	Sadowski J., Mathieu R., Svedlindh P., Karlsteen M., Kanski J., Fu Y., Domagala J.Z., Szuszkiewicz W., Hennion B., Maude D.K., Airey R.,	Ferromagnetic GaMnAs/GaAs superlattice-MBE growth and magnetic properties	Thin Solid Films, vol.412, 2002, pp. 122-128,	2002	surface science

	Hill G.,				
771.	Salamakha PS, Sologub OL, Rizzoli C, Hester J.R, Stepien-Damm J, Gonçalves A.P, Lopes E.B, Almeida M..	Ternary RPt4B (R = La, Ce, Pr, Nd) compounds; structural and physical characterisation	Intermetallics12 (12): 1325-1334 2004	2004	materials
772.	Saluda-Gorgul A. Jaworski J. Greger J.	Nucleotide sequence of satellite I and II DNA from alpaca (Lama pacos) genome.	Acta Biochimica Polonica 37(2):283-97, 1990.	1990	chemistry: biological
773.	Sass J, Mazur K, Eichhorn F, Strupiński W, Turos A, Schell N	Determination of In concentration in InGaAs/GaAs 001 epilayers in the early stage of anisotropic stress relaxation.	Journal of Alloys & Compounds, Sep2005, Vol. 401 Issue 1/2, p249-253,	2005	materials
774.	Satula D, Dobrzynski L, Waliszewski J, Szymanski K, Recko K, Malinowski A, Bruckel T, Scharpf O, Blinowski K	Structural and magnetic properties of Fe-Cr-Al alloys with DO3-type structure	Journal of Magnetism & Magnetic Materials 169 (3): 240-252 MAY 1997	1996	materials
775.	Savytskii D, A. Matkovskii	Twin structure of La0.95Sr0.05Ga0.9Mg0.1O2.925 crystals.	Bull. Lviv Polytechn. Nat. Univ. Electr., 514, 72-109 (2004)	2004	science: general
776.	Savytskii D, A. Senyshyn, K. Wieteska, W. Wierzchowski, Z. Frukacz, U. Bismayer, L. Vasylechko, A. Matkovskii	White beam synchrotron X-ray topography studies of twinning in GdFeO3-type perovskite crystals	Zeitschrift fur Kristallographie 218 (1): 17-25 2003	2003	crystallography
777.	Savytskii D, D. Trots, A. Matkovskii, C. Paulmann, U. Bismayer, M. Berkowski	Real structure of LSGMO crystal studied by Laue method	Mixed Ionic Electronic Conducting (MIEC) Perovskites for Advanced Energy Systems, NATO Science Series, Nina Orlovskaya, Nigel Browning, Kluwer Academic Publishers, Boston/Dordrecht/London, in press (2003)	2003	materials
778.	Savytskii D, D. Trots, A. Matkovskii, C. Paulmann, U. Bismayer, M. Berkowski	Real structure of LSGMO crystal studied by Laue method	Mixed Ionic Electronic Conducting (MIEC) Perovskites for Advanced Energy Systems, NATO Science Series, Nina Orlovskaya, Nigel Browning, Kluwer Academic Publishers, Boston/Dordrecht/London, 173, 239-245 (2004)	2004	materials
779.	Savytskii D, D. Trots, A. Matkovskii, C. Paulmann, U. Bismayer, M. Berkowski	Real structure of LSGMO crystal studied by Laue method Mixed Ionic Electronic Conducting (MIEC) Perovskites for Advanced Energy Systems	NATO Science Series, Nina Orlovskaya, Nigel Browning, Kluwer Academic Publishers, Boston/Dordrecht/London, 173, 239-245 (2004)	2004	technology
780.	Savytskii D, L. Vasylechko, U. Bismayer, C. Paulmann, M. Berkowski	Configuration of twin walls in LSGMO	Fuel Cell Technologies: State & Perspectives, NATO Science Series, N. Sammes and O. Vasyliev, Kluwer Academic Publishers, Boston/Dordrecht/London 202, 135-147 (2005)	2005	technology
781.	Savytskii D, Vasylechko L, Senyshyn A, A. Matkovskii, C. Bähtz, M. L. Sanjuán, U. Bismayer, and M. Berkowski	Low-temperature structural and Raman studies on rare-earth gallates	Physical Review B -Condensed Matter 68 (2): Art. No. 024101 2003	2003	physics: solid state
782.	Sayers Z, Brouillon P, Svergun DI, et al.	Biochemical and structural characterization of recombinant copper-metallothionein	EUR J BIOCHEM 262 (3): 858-865 JUN 1999	1999	biochemisty

	al.	from Saccharomyces cerevisiae	865 JUN 1999		
783.	Schad R, Barnas J, Belien P, et al.	Influence of different kinds of interface roughness on the giant magnetoresistance in Fe/Cr superlattices	Journal of Magnetism & Magnetic Materials 156 (1-3): 339-340 APR 1996	1996	materials
784.	Schmidt W.R., G. Mccarthy, Palosz B, Stelmakh S, M. Aloshina, Gierlotka S, P.Zinn, D.G .Keil, H.F. Calcote	Microstructural Evaluation of Sintered Nanoscale SiC Powders Prepared by Various Processing Routes	Materials Research Society Symposium Proceedings01 21- 26 (1998)	1998	materials
785.	Schoenes J, Barkow U, Broschwitz M, P. M. Oppeneer, D. Kaczorowski, A. Czopnik	Optical properties of itinerant UGa3: Ellipsometric measurements and first-principles theory	Physical Review B -Condensed Matter 61 (11): 7415-7420 2000	2000	physics: solid state
786.	Schroder E, R. Fasel, and A. Kiejna	Mg(0001) surface oxidation: A two-dimensional oxide phase	Physical Review B -Condensed Matter 69, 193405 (2004)	2004	physics: condensed matter
787.	Schroder E, R. Fasel, and A. Kiejna	O adsorption and incipient oxidation of the Mg(0001) surface	Physical Review B -Condensed Matter 69, 115431 (2004)	2004	physics: condensed matter
788.	Seal S, Underwood H, Uda M, et al.	Effect of temperature on Ti and TiN films deposited on a BN substrate	Journal of Vacuum Science & Technolog A 16 (3): 1901-1906 Part 2 MAY-JUN 1998	1998	materials
789.	Seinfeld JH, Carmichael GR, Arimoto R, Conant WC, Brechtel FJ, Bates TS, Cahill TA, Clarke AD, Doherty SJ, Flatau PJ, Huebert BJ, Kim J, Markowicz KM, Quinn PK, Russell LM, Russell PB, Shimizu A, Shinozuka Y, Song CH, Tang Y	ACE-ASIA: Regional Climatic and Atmospheric Chemical Effects of Asian Dust and Pollution.	Bulletin of the American Meteorological Society, 2004, 85, 3, 367-380,	2004	environmental sciences
790.	Senczyk D	Nieniszczące badania stanu naprężenia w cienkich warstwach za pomocą promieniowania synchrotronowego	Zeszyty Problemowe - Badania nieniszczące, nr 3, s.303÷308, Wyd. Polskiego Towarzystwa Badań Nieniszczących i Diagnostyki Technicznej, Warszawa 1998	1998	materials science
791.	Senyshyn A, L. Vasylechko, A. Matkovskii	Thermal expansion of orthorhombic RGaO3(R=La-Gd) perovskites	Bull. Lviv Polytechn. Nat. Univ. Electr., 514, 130-141 (2004)	2004	science: general
792.	Senyshyn A, Oganov AR, Vasylechko L, H. Ehrenberg, U. Bismayer, M. Berkowski, A. Matkowskii	The crystal structure and thermal expansion of the perovskite-type Nd0.75Sm0.25GaO3: powder diffraction and lattice dynamical studies	Journal of Physics-Condensed Matter 16 (3): 253-265 JAN 28 2004	2004	physics: solid state
793.	Senyshyn A, Vasylechko L, Knapp M, U. Bismayer, V. Berkowski, A. Matkovskii	Thermal expansion of the perovskite-type NdGaO3	Journal of Alloys & Compounds 382 (1-2): 84-91 2004	2004	materials
794.	Sepiol B, Sladecek M, Stadler LM, et al.	Synchrotron radiation - A versatile tool for diffusion studies	ARCH METALL MATER 49 (2): 411-430 2004	2004	materials
795.	Serda P, Grochowski J, Duddeck H	The structure of marmesinin by powder and single-crystal diffraction methods	Journal of Alloys & Compounds 362 (1-2): 224-230 2004	2004	materials

796.	Shalimov A, J. Bak-Misiuk, J. Kaniewski, J. Trela, W.Wierzchowski, K.Wieteska,W. Graeff	Defect structure of InAlAs/InP layers	Journal of Alloys & Compounds, 401, 221-225 (2005)	2005	materials
797.	Shaporenko A, Elbing M, Blaszczyk A, C von Hanisch, M Mayor, M Zharnikov.	Self-assembled monolayers from biphenyldithiol derivatives: Optimization of the deprotection procedure and effect of the molecular conformation	Journal of Physical Chemistry B 110 (9): 4307-4317 MAR 9 2006	2006	chemistry:physical
798.	Shastri SD, Maser JM, Lai B, et al.	Microfocusing of 50 keV undulator radiation with two stacked zone plates	Optical Communications 197 (1-3): 9-14 SEP 15 2001	2001	optics
799.	Sheregii E, J. Polit, J. Cebulski, P. Śliż, Kisiel A, M. Piccinini, A. Marcelli, Robouch BV, M. Castelli-Guidi, P. Calvani,	First interpretation of phonon spectra of quaternary solid solutions using fine structure far-IR reflectivity by synchrotron radiation	Infrared Physics & Technology, (2006) - in press	2006	physics: solid state
800.	Shukla A, Calandra M, d'Astuto M, Lazzeri M, Mauri F, Bellin C, Krisch M, Karpinski J, Kazakov SM, Jun J, Daghero D, Parlinski K	Phonon dispersion and lifetimes in MgB2	Physical Review Letters 90 (9): art. no. 095506 2003	2003	physics: general
801.	Sikora B	The many faces of FOPI from fragment to strangeness detector	ACTA PHYSICA POLONICA B 31 (1): 135-148 JAN 2000	1999	physics: general
802.	Sikora M, Cz. Kapusta, D. Zajac, W. Tokarz, C.J. Oates, M. Borowiec, D. Rybicki, E. Goering, P. Fischer, G. Sch utz, J.M. De Teresa, M.R. Ibarra	X-MCD magnetometry of CMR perovskites La0.67-yREyCa0.33MnO3	Journal of Magnetism & Magnetic Materials, 272-276, 21482150 (2004)	2004	materials
803.	Sikora M, Cz. Kapusta, D. Zajac, W. Tokarz, K. Attenkofer, P. Fischer, E. Goering, G. Schütz	X-MCD study of mixed valence manganites	Journal of Alloys & Compounds, 328 , 100 (2001)	2001	materials
804.	Sikora M, Cz. Kapusta, L. Maksymowicz, M. Lubecka, B. Cieciwa, R. Szymczak, E. Welter, M. Borowiec, D. Zajac	EXAFS study of indium doped magnetic semiconductor CdCr2Se4	Journal of Alloys & Compounds, 362, 151-155 (2004)	2004	materials
805.	Sikora M., Cz. Kapusta, K. Knízek, Z. Jirak, C. Autret, M. Borowiec, C. J. Oates, V. Prochazka, D. Rybicki, D. Zajac	X-ray absorption near-edge spectroscopy study of Mn and Co valence states in LaMn1−xCoxO3 (x=0–1)	Physical Review B -Condensed Matter 73, 094426 (2006)	2006	physics: condensed matter
806.	Siurek J, Chevallier P, Ro CU, Hee-Young-Chun; Hwa-Shik-Youn; Zieba,-E, Kuczumow A	Studies on the wood tissue substitution by silica and calcite during the preservation of fossil wood	Journal of Alloys & Compounds. 14 Jan. 2004; 362: 107-15	2004	materials
807.	Skrzypek SJ, Baczmanski A, Ratuszek W, et al.	New approach to stress analysis based on grazing-incidence X-ray diffraction	Journal of Applied Crystallography 34: 427-435 Part 4 AUG 2001	2001	crystallography
808.	Sladecek M, Sepiol B, Kaisermayr M, Korecki J, Handke B, Thiess H, Leupold O, Rüffer R, Vogl G	Enhanced iron self-diffusion in the near-surface region investigated by nuclear resonant scattering	Surface Science 507: 124-128 2002	2002	surface science
809.	Sladecek M, Sepiol B, Korecki J, et al.	Dynamics in submonolayer Fe-films	Surface Science 566: 372-376 20 2004	2004	surface science
810.	Sladecek M, Sepiol B, Korecki J, et al.	Hyperfine relaxation in an iron submonolayer	Defect Diffus Forum 237-240: 1225-1229 2005	2005	physics: general
811.	Slusarczyk C	Time-resolved SAXS investigations of morphological changes in a blend of linear	Journal of Alloys & Compounds 382 (1-2): 68-74 2004	2004	materials

		and branched polyethylenes during crystallization and subsequent melting	382 (1-2): 68-74 2004		
812.	Sniechowski M, Luzny W, Djurado A, Dufour B, Rannou P, Pron A, Bee M, Johnson M, Gonzales M	Structure and dynamics of plast-doped conducting polyaniline compounds	FIBRES & TEXTILES IN EASTERN EUROPE 13 (5): 96-99 Sp. Iss. SI JAN-DEC 2005	2005	materials
813.	Sobczak E, Mobilio S.	Extended structure of Fe BIS as compared to Fe K EXAFS.	Acta Physica Polonica A, vol.82, no.2, 1992, pp.333-335.	1992	physics: general
814.	Sobczak E, Nietubyć R, Pelka J.B., Maćkowki S., Janik E., Karczewski G., Goerigk G.	Anomalous small angle X-ray scattering study of self-assembled quantum dots	Applied Crystallography, World Scientific, Singapore 2001, pp. 112-	2001	crystallography
815.	Sobczak E, Nietubyć R, Sobczak JW.	Photoemission and inverse photoemission studies of SiO2.	Acta Physica Polonica A, vol.86, no.5, 1994, pp.837-843.	1994	physics: general
816.	Sobczak E, Nietubyć R, Traverse A, Zymierska D, Swilem Y, Byszewski P.	XAFS study of Fe intercalated fullerite.	Journal de Physique IV, vol.7, no.C2, pt.2, 1997, pp.1235-1236.	1997	physics: general
817.	Sobczak E, Nilsson PO, Kanski J.	Inverse photoemission from Ag(111) calculated by a multiple-scattering method.	Physical Review B -Condensed Matter, vol.37, no.14, 1988, pp.8150-8153.	1988	physics: condensed matter
818.	Sobczak E, Nilsson PO, Karlsson K.	Photoemission of Cd(0001) using synchrotron radiation.	Acta Physica Polonica A, vol.82, no.2, 1992, pp.337-339.	1992	physics: general
819.	Sobczak E, Swilem Y, Dorozhkin NN, Nietubyć R, Dluzewski P, Slawska-Waniewska A.	X-ray absorption studies of Fe-based nanocrystalline alloys.	Journal of Alloys & Compounds, vol.328, 2001, pp.57-63.	2001	materials
820.	Sobczak E, Swilem Y, Nietubyć R, Slawska-Waniewska A, Tischer M.	EXAFS studies of Fe66Cr8Cu1Nb3Si13B9 amorphous and nanocrystalline alloys.	Applied Crystallography, ed. H. Morawiec, D. Stroz, World Scientific. 1998, pp.148-151.	1998	crystallography
821.	Sobczak E, Swilem Y, Nietubyć R., Ślawska-Waniewska A., Traverse A., Dynowska E.	XANES studies of Fe-based amorphous and nanocrystalline alloys using synchrotron radiation	Zastosowanie promieniowania synchrotronowego, ed.: E. Sobczak (Fundacja im. Wojciecha Świętosławskiego, Gliwice, 1995) p. 148-153.	1995	sources instruments
822.	Sobczak E, Traverse A, Nietubyć R, Swilem Y, Byszewski P, Zymierska D	C60/FeC60/ complexes in Fe intercalated fullerite studied by X-ray absorption.	Acta Physica Polonica A vol.91, no.5, 1997 877-881.	1997	physics: general
823.	Sobczak E, Zymierska D, Byszewski P, Traverse A.	Fe clusters in Fe intercalated fullerite.	Acta Physica Polonica A vol.91, no.2, 1997 447-450.	1997	physics: general
824.	Sobczak E., Byszewski P., Traverse A.	Fe K-edge XANES studies of Fe intercalated fulleride	Zastosowanie promieniowania synchrotronowego, ed.: E. Sobczak (Fundacja im. Wojciecha Świętosławskiego, Gliwice, 1995) 143-147	1995	sources instruments
825.	Sobczak E., Sobczak J.W., Hasik M., Wenda E.	XAFS study of local structure in Pt-doped conjugated polymers	Applied Crystallography, ed. H. Morawiec, D. Stroz, World Scientific2004, pp. 385-388,	2004	crystallography
826.	Sobczak J.W., Kosiński A., Sobczak E.,	X-ray absorption study of Pd-doped polyaniline	Proceedings XIX Conference on Applied Crystallography and Summer School on Polycrystalline Structure Determination, Poland, 01-09-	2004	crystallography

			2003, 2004, 377-380,		
827.	Sobczak J.W., Sobczak E., Drelinkiewicz A., Hasik M., Wenda E.,	Local structure of a Pd-doped polymer investigated using a linear combination of XANES spectra	Journal of Alloys & Compounds, vol.362, 2004, 162-166,	2004	materials
828.	Sobczak JW, Sobczak E, Kosinski A, Bilinski A.	XANES investigations of Pd-doped polyaniline.	Journal of Alloys & Compounds, vol.328, 2001, pp.132-134.	2001	materials
829.	Sobczak JW, Sobczak E, Lesiak B, Palczewska W, Kosinski A.	EXAFS investigations of Pd-doped conductive polymers.	Journal of Alloys & Compounds, vol.286, no.1-2, 1999, pp.98-102.	1999	materials
830.	Sobierajski R, Krzywinski J, Andrejczuk A, Hahn U, Treusch R, Jurek M, Klinger D, Nietubyc R, Pelka JB, Reniewicz H, Sikora M, Sobala W	Experimental station to study the interaction of intense femtosecond vacuum ultraviolet pulses with matter at TTF1 free electron laser	Review of Scientific Instruments 76 (2005) 013909	2005	sources instruments
831.	Sobierajski R., Krzywinski J., Andrejczuk A., Faatz B., Felten F., Jacobi S., Juha L., Jurek M., Kauch A., Klinger D., Pelka J.B., Saldin E., Schneidmiller E., Sikora M., Steeg B., Yurkov M.	Structural changes at solid surface irradiated with femtosecond, intense XUV pulses generated by TTF-FEL	Proceedings of the 24th Intern. Free Electron Laser Conf (FEL 2002). and the 9th FEL Users Workshop, Argonne, Illinois, U.S.A., September 9-13, 2002 [UK] Ed: K.-J. Kim, S.V. Milton, E. Gluskin, North-Holland July, 2003; pp. II-77-78	2003	sources instruments
832.	Sokolowski J, Kotarba A	The structure of potassium aluminium oxide KAlO2	Materials Science Forum 321-3: 954-959 Part 1&2 2000	2000	materials
833.	Sokolowski JA	Analysis of some aspects of synchrotron radiation measurements reported in the inorganic crystal structure database	Journal of Alloys & Compounds 286 (1-2): 219-223 1999	1999	materials
834.	Sokolska I, Kuck S	Observation of photon cascade emission in the Pr3+-doped perovskite KMgF3	Chemical Physics 270 (2): 355-362 AUG 1 2001	2001	physics: chemical
835.	Solarz P, G. Dominiak-Dzik, R. Lisiecki, W. Ryba-Romanowski	Conversion of VUV to UV and visible in K5Li2LnF10containing rare-earth from cerium group (Ln= La3+, Ce3+, Pr3+Nd3+)	Radiation Measurements 38, 603-606 (2004)	2004	sources instruments
836.	Solarz P, G. Dominiak-Dzik, W. Ryba-Romanowski	Conversion of VUV to visible in K5Li2LnF10containing rare earth ions (Ln=Pr-Gd)	Journal of Alloys & Compounds, 362, 61-66 (2004)	2004	materials
837.	Sosnowska IM, Shiojiri M	Oxides: neutron and synchrotron X-ray diffraction studies	Journal of Electron Microscopy 48 (6): 681-687 1999	1999	crystallography
838.	Sosnowska IM, Willis BTM	Neutrons and synchrotron X-rays in materials science	Journal of Alloys & Compounds 286 (1-2): 174-179 May 5 1999	1999	materials
839.	Stanek J, M. Stanek, Li Zhang, S.S. Hafner, J. Metge, H. Gruesteudel	Nuclear Forward Scattering of Synchrotron Radiation Applied for High-Pressure Studies of Minerals	Zeszyty Naukowe Uniwersytetu Jagiellonskiego, Folia Physica 39 (1998) 21-28	1998	physics: general
840.	Stankiewicz M, Garcia EM, Ruiz JA, Erman P, Hatherly P. A, Kivimaki A, Rachlew E, Rius i Riu J.	Experimental station for gas phase fluorescence spectroscopy	Review of Scientific Instruments 75 (7): 2402-2408 JUL 2004	2004	sources instruments
841.	Stankiewicz M, Riu JRI, Ruiz JA, et al.	Relaxation dynamics of SF6 studied by energy-resolved electron ion coincidence technique	Journal of Electron Spectroscopy 137: 369-375 Sp. Iss. 2004	2004	spectroscopy

842.	Stankiewicz M, Winiarczyk P, Rius i Riu J, Alvarez J, Erman P, Karawajczyk A, Rachlew E, Kukk E, Huttula M, Hatherly P	Selective fragmentation of valence- and core-electron-excited CD4 and SF6 molecules.	Surface Review & Letters, 2002, 9, 1, 117-124	2002	surface science
843.	Steeg B., Juha L., Feldhaus J., Jacobi S., Sobierajski R., Michaelsen C., Andrejczuk A., Krzywiński J.,	Total reflection amorphous carbon mirrors for vacuum ultraviolet free electron lasers	Applied Physics Letters,vol.84, 2004, 657-659	2004	physics: applied
844.	Stel'makh S, Gierlotka S, Grzanka E, Weber H.-P, Palosz B	X-ray diffraction studies of thermal properties of the core and surface shell of isolated and sintered SiC nanocrystals	Journal of Alloys & Compounds 382 (1-2): 138-145 2004	2004	materials
845.	Strocov VN, Cirlin GE, Sadowski J, J Kanski, R Claessen	GaSb/GaAs quantum dot systems: in situ synchrotron radiation x-ray photoelectron spectroscopy study	NANOTECHNOLOGY 16 (8): 1326-1334 AUG 2005	2005	technology
846.	Styczynski J, Cheung YK, Garvin J, et al.	Outcomes of unrelated cord blood transplantation in pediatric recipients	BONE MARROW TRANSPL 34 (2): 129-136 JUL 2004	2004	medicine
847.	Suortti P, Buslaps T, Honkimaki V, Shukla A, Kwiatkowska J, Maniawski F, Kaprzyk S, Bansil A	Electron momentum distribution in Al and Al0.97Li0.03	Journal of Physics & Chemistry of Solids 62 (12): 2223-2231 DEC 2001	2000	physics & chemistry: solid state
848.	Surma B, Misiuk A, Hartwig J, et al.	Modification of the SOI-like structures by annealing under high hydrostatic pressure	Journal of Alloys & Compounds 362 (1-2): 269-274 2004	2004	materials
849.	Swiderska-Sroda A, Kozubowski JA, Maranda-Niedbala A, Grzanka E, Palosz BF, Presz A, Gierlotka S, Stelmakh S, Kalisz G, Herlin-Boime N, Lathe C	Investigation of the microstructure of SiC-Zn nanocomposites by microscopic methods: SEM, AFM and TEM	Solid State Phenomena, 102, 151-156 (2004)	2004	physics: solid state
850.	Swilem Y, Sobczak E, Nietubyc R, Slawska-Waniewska A	EXAFS analysis of nanocrystallization process in Fe85Zr7B6Cu2 alloys by using cumulant method	Physica B-Condensed Matter 364 (2005) 71-77	2005	physics: condensed matter
851.	Swilem Y, Sobczak E, Nietubyć R, Dluzewski P, Slawska-Waniewska A.	EXAFS analysis of grain boundaries in nanocrystalline Fe85Zr7B6Cu2 alloys.	Journal of Alloys & Compounds, vol.286, no.1-2,1999, pp.103-107.	1999	materials
852.	Swilem Y, Sobczak E, Nietubyć R, Slawska-Waniewska A, Dynowska E.	X-ray absorption studies of Fe73.5Cu1Nb3Si15.5B7 amorphous and nanocrystalline alloys.	Acta Physica Polonica A vol.91, no.5, 1997 883-886.	1997	physics: general
853.	Swilem Y, Sobczak E, Nietubyć R, Slawska-Waniewska A, Tischer M.	Amorphous and nanocrystalline Fe85Zr7B6Cu2 alloys.	Journal of Non-crystalline Solids, vol.232-234, 1998, pp.665-670.	1998	physics: solid state
854.	Swilem Y, Sobczak E, Nietubyć R., Ślawska-Waniewska A., Tischer M.	EXAFS study of amorphous and nanocrystalline $Fe_{85}Zr_7B_6Cu_2$ alloys	Universitatis Iagellonicae Folia Physica 39 (1998) 145	1998	physics: general
855.	Szade J, Burian W, Celinski Z, et al.	Resonance induced divalent Eu states in EuF3 ultrathin layer	Surface Science 580 (1-3): 163-166 2005	2005	surface science
856.	Szade J, Karla I, Gravel D, et al.	Photoemission investigation of Gd-Cu compounds	Journal of Alloys & Compounds 286 (1-2): 153-157 May 5 1999	1999	materials
857.	Szade J, Neumann M, Karla I, et al.	Photon energy dependence of the Gd 4d photoemission	Solid State Communications 113 (12): 709-712 2000	1999	physics: solid state
858.	Szade J, Skorek G, Neumann M, et al.	Investigation of resonant photoemission from GdCu2 and Gd5Si4	Surface Science 497 (1-3): 29-36 JAN 20 2002	2002	surface science

859.	Szade J, Skorek G, Neumann M, Schneider B, Fangmeyer F, Matteucci M, Paolucci G, Goldoni A	Investigation of resonant photoemission from GdCu2 and Gd5Si4	Surface Science 2002, 497 1-3, 29-37	2002	surface science
860.	Szade J, Tyszka B, Burian W	Photoemission investigation of GdTiGe	Journal of Alloys & Compounds 401 (1-2): 160-164 2005	2005	materials
861.	Szamota-Sadowska K, Golacki Z, Orlowski BA, Boyn R, Johnson RJ.	Analysis of 4f level in samarium-rich MBE grown CdSmTe sample.	Acta Physica Polonica A 94, 3, 1998, pp.560-564.	1998	physics: general
862.	Szamota-Sadowska K, Guziewicz E, Kowalski BJ, J. Sadowski, Orlowski BA, B. Lesiak-Orlowska, C. Guillot, N. Barrett, Johnson RL	Electronic structure of MBE grown CdYbTe: photoemission studies	Thin Solid Films 367, 193 (2000)	2000	surface science
863.	Szamota-Sadowska K, Guziewicz E, Kowalski BJ, Sadowski J, Orlowski BA, Lesiak-Orlowska B, Guillot C, Barrett N, Johnson RL	Electronic structure of MBE- grown CdYbTe: Photoemission studies,	Thin Solid Films, 367 (1-2) 193-198 (2000)	2000	surface science
864.	Szamota-Sadowska K, Kowalski BJ, Guziewicz E, Orlowski BA, Sadowski J, Golacki Z, Ghijsen J, Johnson RL, Belkhou R, Radosavkic D, Martinotti D, Barrett N, Guillot C.	Influence of Yb on valence band density of states of CdYbTe and PbYbTe-a resonant photoemission study.	Acta Physica Polonica A vol.90, no.5, 1996 943-946.	1996	physics: general
865.	Szczerbowska-Boruchowska M, Chwiej J, Lankosz M, et al.	Intraneuronal investigations of organic components and trace elements with the use of synchrotron radiation	X-Ray Spectrometry 34 (6): 514-520 NOV-DEC 2005	2005	spectroscopy
866.	Szczerbowska-Boruchowska M, Lankosz M, Adamek D, Ostachowicz J, Krygowska-Wajs A, Szczudlik A, Bohic S, Simionovici A, Chwiej J	Determination of trace elements in Parkinson's diseased brain tissue using microbeam of synchrotron radiation	Journal of Neurochemistry 85: 23-23 Suppl. 2003	2003	medicine
867.	Szczerbowska-Boruchowska M, Lankosz M, Ostachowicz J, Adamek D, Krygowska-Wajs A, Tomik B, Szczudlik A, Simionovici A, Bohic S	Application of synchrotron radiation for elemental microanalysis of human central nervous system tissue	Journal de Physique IV 104: 325-328 MAR 2003	2003	physics: general
868.	Szczerbowska-Boruchowska M, Lankosz M, Ostachowicz J, et al.	Topographic and quantitative microanalysis of human central nervous system tissue using synchrotron radiation	X-Ray Spectrometry 33 (1): 3-11 JAN-FEB 2004	2004	spectroscopy
869.	Szczygielska A, A. Burian, J.C. Dore, S. Duber, H.E. Fischer,	Structural studies of graphitising and non-graphitising carbons by neutron and X-ray scattering,	Proceedings 5th National Symposium of Synchrotron Radiation Users, eds.: M. Lefeld-Sosnowska, J. Gronkowski, Uniwersytet Warszawski, 1999, str. 223-234.	1999	sources instruments
870.	Szczygielska A, A. Burian, J.C. Dore, V. Honkimaki, S. Duber	Local structure of the saccharose- and anthracene-based carbons studies by wide-angle high-energyX-ray scattering,	Journal of Alloys & Compounds 362 (2004) 307-313.	2004	materials
871.	Szczygielska A, A. Burian, S. Duber , J.C. Dore, V. Honkimaki,	Radial distribution function analysis of graphitization process in carbon materials,	Journal of Alloys & Compounds (2001) 328, 231-236.	2001	materials
872.	Szczygielska A, A. Jabłońska, A. Burian, J.C. Dore, J.B. Nagy, V. Honkimaki,	Radial distribution function analysis of carbon nanotubes,	Acta Physica Polonica A, (2000) 98, 611-617.	2000	physics: general
873.	Szczygielska A, Burian A, Duber S, J.C. Dore, V. Honkimaki,	Structural studies of saccharose- and anthracene-based carbons by high energy	Studies in Surface Science and Catalysis 144: 561-568 2002	2002	surface science

	J.C. Dore, V. Honkimaki,	X-ray scattering.	Catalysis 144: 561-568 2002		science
874.	Szlachetko J, Berset M, Dousse JC, , Fennane K, Szlachetko M, Barrett R, Hoszowska J, Kubala-Kukus A, Pajek M	Resonant x-ray Raman scattering for Al, Si and their oxides	Nuclear Instruments and Methods in Physics Research, Section B (Beam Interactions with Materials and Atoms) 238 (1-4): 353-356 2005	2005	sources instruments
875.	Szuszkiewicz S, K. Fronc, M. Baran, R. Szymczak, F. Ott, B. Hennion, E. Dynowska, W. Paszkowicz, J.B. Pelka, R. Żuberek, M. Jouanne, and J. F. Morhange	Interlayer Magnetic Coupling for Fe/Si Multilayers	Journal of Superconductivity 16 (2003) 205-208	2003	physics: solid state
876.	Szuszkiewicz W	Selected properties of zinc blende mercury chalcogenides	Physics of Semiconductor Devices, V. Kumar , S.K. Agarwal (eds.), Allied Publishers Ltd., New Delhi 2000, pp.43-50	2000	physics: solid state
877.	Szuszkiewicz W, Dynowska E.,Górecka J., Witkowska B., Fleszar A., Prieur J.Y., Joffin J.	Selected elastic properties of mercury chalcogenides	Proceedings of the 9th International Conference on"Narrow Gap Semiconductors", Humbold University, Berlin World Scientific(2000)pp.183-185	2000	materials
878.	Szuszkiewicz W, Gebicki W, Bak-Misiuk J, Domagala J, Leszczynski M, Hartwig J.	Physical properties of AlGaAs epilayers subjected to high pressure-high temperature treatment.	Acta Physica Polonica A vol.91, no.5, 1997 1003-1007.	1997	physics: general
879.	Szuszkiewicz W, Skierbiszewski C, Paszkowicz W, Dybko K, Domagala J, Dynowska E, Witkowska B, Zinn P.	Properties of Fe doped beta -HgS under hydrostatic pressure.	Acta Physica Polonica A 94, 3, 1998, pp.570-4.	1998	physics: general
880.	Szuszkiewicz W, Skierbiszewski C, Paszkowicz W, Dynowska E, Domagala J, Witkowska B, Truckenbrodt J	Hg1-xCoxS - high pressure studies	Proceedings XXVIII Int. School on Physics of Semiconducting Compounds, Ustron-Jaszowiec, Poland, June 6-11 1999, (Institute of Physics PAS, 1999), str. 88-90	1999	physics: condensed matter
881.	Szydlowska-Czerniak A, Karlovits G, Lach M, et al.	X-ray diffraction and differential scanning calorimetry studies of beta' -> beta transitions in fat mixtures	FOOD CHEMISTRY 92 (1): 133-141 2005	2005	chemistry
882.	Szymanski K, Satula D, Dobrzynski L, et al.	Nuclear Resonance Scattering of circularly polarized Sr	Acta Physica Polonica B 35 (9): 2313-2325 SEP 2004	2004	physics: general
883.	Szymański K	Polarized radiation in Mössbauer spectroscopy.	Physics Reports, 2006, 423, 6, 295-338,	2006	physics: general
884.	Szymonski M, Kolodziej J, Czuba P, et al.	Photon stimulated desorption from alkali halide surfaces at near threshold energies	Surface Science 363 (1-3): 229-233 AUG 1 1996	1996	surface science
885.	Szymonski M, Kolodziej J, Czuba P, et al.	Stimulated desorption from bulk and epitaxial alkali halides	Materials Science Forum 239-: 615-620 1997	1997	materials
886.	Tamulaitiene G, Grazulis S, Janulaitis A, R.Janowski, Bujacz G, Jaskolski M	Crystallization and preliminary crystallographic studies of a bifunctional restriction endonuclease Eco57I.	Biochimica and Biophysica Acta (PROTEINS PROTEOMICS)1698, 2004 251-254.	2004	biology

887.	Tanaka Y, Y. Sakurai, A. T. Stewart, N. Shiotani, P. E. Mijnarends, S. Kaprzyk, and A. Bansil	Reconstructed three-dimensional electron momentum density in lithium: A Compton scattering study	Physical Review B -Condensed Matter 63, 045120 (2001	2001	physics: condensed matter
888.	Tebbe J, Bzowska A, Wielgus-Kutrowska B, et al.	Crystal structure of the purine nucleoside phosphorylase (PNP) from Cellulomonas sp and its implication for the mechanism of trimeric PNPs	Journal of Molecular Biology 294 (5): 1239-1255 DEC 17 1999	1999	biology
889.	Thaimattam R, E.Tykarska, A.Bierzynski, G.M.Sheldrick, Jaskolski M	Atomic resolution structure of squash trypsin inhibitor: unexpected metal coordination.	Acta Crystallographica D: Biological Crystallography 58, 2002 1448-1461	2002	crystallography: biological
890.	Thaimattam R, Jaskolski M	Synchrotron radiation in atomic-resolution studies of protein structure	Journal of Alloys & Compounds 362 (1-2): 12-20 2004	2004	materials
891.	Thao DTX, Gregorkiewicz T, Langer JM	Spectroscopic probing of defect-related energy storage in silicon doped with erbium	PHYSICA B 274: 326-329 DEC 1999	1999	physics: general
892.	Thurn-Albrecht T, F. Zontone, G. Grübel, W. Steffen, P. Müller-Buschbaum, and A. Patkowski	Photon correlation spectroscopy with high-energy coherent x rays	Physical Review E: statistical, nonlinear, soft matter 68, 031407 (2003)	2003	physics: statistical, nonlinear, soft matter
893.	Tilinin IS	Mean escape depth of signal photoelectrons ejected from solids by polarized x rays	Physical Review B -Condensed Matter 53 (2): 547-555 1996	1996	physics: solid state
894.	Tomik B, J. Chwiej, M. Szczerbowska-Boruchowska, M. Lankosz, S. Wojcik, D. Adamek, G. Falkenberg, S. Bohic, A. Simionovici, Z. Stegowski, A. Szczudlik	Implementation of X-ray fluorescence microscopy for investigation of elemental abnormalities in Amyotrophic Lateral Sclerosis	Neurochemical Research, (2005) 31 (2006) 321-331.	2005	medicine
895.	Tomik B, Z. Setkowicz, G. Falkenberg, Z. Stegowski, A. Szczudlik	Implementation of x-ray fluorescence microscopy for investigation of elemental abnormalities in central nervous system tissue	Journal of Alloys & Compounds, 401, 184-188 (2005)	2005	materials
896.	Tomita S, A. Burian, J.C. Dore, D. LeBolloch, M. Fujii, S. Hayashi,	Diamond nanoparticles to carbon onions transformation: X-ray diffraction studies,	Carbon (2002) 40, 1469-1474.	2002	materials
897.	Tomka G.J. , Cz. Kapusta,C. Ritter, P.C. Riedi	Magnetic structure and properties of NdMn2Ge2 as a function of temperature and pressure	Journal of Magnetism & Magnetic Materials, 177-181 , 821 (1998)	1998	materials
898.	Tomka GJ, P.C. Riedi, Cz. Kapusta, G. Balakrishnan, D. McK. Paul, M.R. Lees, J. Barrat	Magnetic properties of Pr1-x(Ca,Sr)xMnO3 studied by NMR	Journal of Applied Physics 83 , 7151 (1998)	1998	physics: applied
899.	Tornow W, Czakon NG, Howell CR, et al.	Analyzing power for the photodisintegration of the deuteron between E-gamma=2.4 and 4.0 MeV	Modern Physics Letters A 18 (2-6): 282-285 FEB 28 2003	2003	physics: general
900.	Trykozko R, Huffman D-R	Reflectance and optical constants of CdIn2Se4 crystals	Journal of Applied-Physics. Aug. 1981; 52(8): 5283-5	1981	physics: applied
901.	Turos A, Wierzchowski W, Wieteska K, et al.	Ion bombardment induced relaxation of strained AlGaAs/GaAs heterostructures studied by the complementary use of RBS-channeling and X-ray synchrotron radiation	Nuclear Instruments and Methods in Physics Research, Section B (Beam Interactions with Materials and Atoms) 137: 1062-1067 MAR 1998	1998	sources instruments

902.	Twarog A, R. Bacewicz, A. Kozanecka,W. Wrobel, F. Krok, I. Abrahams	XAFS study of BIMEVOX ionic conductors for ME = Mg, Si, Zr, Zn	Physica Scripta T115, 318-319 (2005)	2005	physics: general
903.	Tyczkowski J, E.Drobina, P.Kuďmi˝ski, H.Bassler, Kisiel A, Zema N,	Electronic Properties of Plasma Deposited Films from Tetramethylosilane	Thin Solid Films, 209, 250 (1992)	1992	surface science
904.	Tyszka B, Szade J, Burian W, et al.	Investigation of Gd compounds using synchrotron radiation	Journal of Alloys & Compounds 401 (1-2): 165-172 2005	2005	materials
905.	Vall-Ilosera G, Ruiz JA, Erman P, et al.	The np sigma,pi to EF emission systems in D-2 studied by selective excitation	Journal of Physics B-AT MOL OPT 38 (6): 659-664 MAR 28 2005	2005	physics: general
906.	Varekamp PR, Hakansson MC, Kanski J, M. Björkqvist, M. Göthelid, B. J. Kowalski, Z. Q. He, D. K. Shuh, J. A. Yarmoff, U. O. Karlsson	Reaction of I-2 with the (001) surfaces of GaAs, InAs, and InSb .2. Ordering of the iodine overlayer	Physical Review B -Condensed Matter 54 (3): 2114-2120 1996	1996	physics: solid state
907.	Vasylechko L, A. Matkovskii, D. Savytskii, M. Berkowski, U. Bismayer, I. Solskii, F. Walrafen	Crystal and domain structure of rare-earth gallates and aluminates	Bull. Lviv Polytechn. Nat. Univ. Electr. 2002/2003	2002	science: general
908.	Vasylechko L, Akselrud L, Morgenroth W, et al.	The crystal structure of NdGaO3 at 100 K and 293 K based on synchrotron data	Journal of Alloys & Compounds 297 (1-2): 46-52 2000	2000	materials
909.	Vasylechko L, D. Savytskii, A. Senyshyn, A. Matkovskii , C. Bahtz, M.L. Sanjuan, U. Bismayer, M. Berkowski	Low-temperature structural and Raman studies on rare-earth gallates	Physical Review B -Condensed Matter 68, 024101-1-8 (2003)	2003	physics: solid state
910.	Vasylechko L, Niewa R, Borrmann H, et al.	R-3c-Pbnm phase transition of La1-xSmxGaO3 (0 < x < 0.3) perovskites and crystal structures of the orthorhombic and trigonal phases	SOLID STATE IONICS 143 (2): 219-227 JUN 2001	2001	chemistry: solid state
911.	Vasylechko L, Pivak Y, Senyshyn A, et al.	Crystal structure and thermal expansion of PrGaO3 in the temperature range 12-1253 K	Journal of Solid State Chemistry 178 (1): 270-278 JAN 2005	2005	crystallography
912.	Vasylechko L, S. Fadieyev, N. Red'ko, M. Berkowski	Crystal structure of SmGaO3 and Nd1-xRExGaO3 (RE=Pr, Sm) solid solutions	Bull. Lviv Polytechn. Nat. Univ. Electr., 455 , 21 (2002)	2002	science: general
913.	Vasylechko L, Savytskii D, Matkovski A, et al.	Room and high temperature structure of La1-xNdxGaO3 (x=0.27 and 0.37) perovskites determined by synchrotron powder X-ray diffraction	Journal of Alloys & Compounds 328 (1-2): 264-271 2001	2001	materials
914.	Vasylechko L, Vashook V, Savytskii D, Senyshyn A, Niewa R, Knapp M, Ullmann H, Berkowski M, Matkovskii A, Bismayer U	Crystal structure, thermal expansion and conductivity of anisotropic La1-xSrxGa1-2xMg2xO3-y (x=0.05, 0.1) single crystals	Journal of Solid State Chemistry 172 (2): 396-411 MAY 2003	2003	crystallography
915.	Vasylechko L., A. Matkovskii	Crystal structures and phase transitions in the RE aluminates with perovskite-like structures	Bull. Lviv Polytechn. Nat. Univ. Electr., 514, 33-51 (2004)	2004	science: general
916.	Vasylechko L., A. Senyshyn, Ye. Pivak, M.Berkowski, V. Vashook, H. Ullmann, C. Bahtz, U. Bismayer	LSGM Single Crystals: Crystal Structure, Thermal Expansion, Phase Transitions and Conductivity	Mixed Ionic Electronic Conducting (MIEC) Perovskites for Advanced Energy Systems, NATO Science Series, Nina Orlovskaya, Nigel Browning, Kluwer Academic Publishers, Boston/Dordrecht/London	2003	materials

			(2003)		
917.	Vodopyanov L, I. Kucharenko, J. Polit, E. Sheregii, J. Cebulski, Kisiel A, Robouch BV, M Piccinini, A. Marcelli, M. Castelli-Guidi, A. Nucara, R. Tribulet	Effect of band inversion on the phonon spectra $Hg_{1-x}Zn_xTe$ and $Hg_{1-x}Cd_xTe$ semiconductor alloys	Physica Status Solidi (c) 1, 2838 (2004)	2004	physics: solid state
918.	Walczak M, Lawniczak-Jablonska K, A. Sienkiewicz, I.N. Demczenko, E. Piskorska, G. Chatain, D.S. Bohle	Local environment of iron in malarial pigment and its substitute beta-hematin	Nuclear Instruments and Methods in Physics Research, Section B (Beam Interactions with Materials and Atoms) 238, 32-38 (2005)	2005	sources instruments
919.	Walterfang M, Keune W, Schuster E, Zayak AT, P. Entel, W. Sturhahn, T. S. Toellner, E. E. Alp, P. T. Jochym, K. Parlinski	Atomic vibrational density of states of crystalline beta-FeSi2 and amorphous FeSi2 thin films	Physical Review B -Condensed Matter 71 (3): Art. No. 035309 2005	2005	physics: solid state
920.	Wang CY, Paul-Boncour V, Kang CC, Liu RS, Filipek SM, Dorogova M, Marchuk I, Hirata T, Percheron-Guegan A, Sheu HS, Jang LY, Chen JM, Yang HD	The novel YMn2D6 deuteride synthesized under high pressure of gaseous deuterium	Solid State Communications 130 (12): 815-820 JUN 2004	2004	physics: solid state
921.	Wang Z, R. T. Downs, V. Pischedda, R. Shetty, S. K. Saxena, C. S. Zha, Y. S. Zhao, D. Schiferl, and A. Waskowska	High-pressure x-ray diffraction and Raman spectroscopic studies of the tetragonal spinel CoFe2O4	Physical Review B -Condensed Matter 68, 094101 (2003)	2003	physics: condensed matter
922.	Wasiak A	Time Dependent Effects in Structure Formation During Polymer Processing,	Proc. 4-th ESAFORM Conference Univ. of Liege, 2001, s. 693-696.	2001	technology
923.	Wasiak A	X-ray diffraction studies on polypropylene crystallization in non-isothermal conditions	Proceedings 1st ESAFORM Conf. on Material Forming, Sofia Antipolis, April 1998, p. 357-360	1998	technology
924.	Wasiak A	Synchrotron Radiation Studies on Non - Isothermal Crystallization of I-polypropylene	X-ray Investigations of Polymer Structures, A. Włochowicz (ed.), A Włochowicz, ProceedingS of SPIE Vol.4240, s. 41-46, 2000.	2000	physics: condensed matter
925.	Wasiak A	Studies of kinetics of nonisothermal crystallization of i-polypropylene by wide-angle and small-angle scattering of X-ray synchrotron radiation	JOURNAL OF MACROMOLECULAR SCIENCE-PHYSICS B40 (3-4): 577-590 2001	2001	physics
926.	Wasiak A	Wide angle X-ray scattering studies of transient effects in non-isothermal crystallization of i-polypropylene	POLYMER 42 (21): 9025-9030 OCT 2001	2001	materials
927.	Wasiak A.,	Rentgenograficzne badania nieizotermocznej krystalizacji polipropylenu,	Prace IPPT 12, 1999.	1999	materials
928.	Wasiak A.,	Time-resolved Diffraction Studies on Non-isothermal Crystallization of Polymers by Means of Synchrotron Radiation, w:	Synchrotron Radiation Studies of Materials, ISBN 83-913171-0-2, Warsaw University Press, 1999, p.235-247.	1999	sources instruments
929.	Wasiucionek M, Garbarczyk J, Bacewicz R, Jozwiak P, Nowinski JL	EXAFS/XANES studies of the local structure of amorphous ionic and electronic-ionic conductors	Materials Science-Poland 24 (1): 181-186 2006	2006	materials

		electronic-ionic conductors			
930.	Waskowska A, Gerward L, Olsen JS, et al.	CuMn2O4: properties and the high-pressure induced Jahn-Teller phase transition	Journal of Physics-Condensed Matter 13 (11): 2549-2562 MAR 19 2001	2001	physics: solid state
931.	Waskowska A, L. Gerward, J.S. Olsen, E. Malicka	Temperature and pressure induced lattice distortion in CdCr2-xGaxSe4	Journal of Physics: Condensed Matter 14, 12423-12431 (2004)	2004	physics: condensed matter
932.	Waskowska A., L. Gerward, J.S. Olsen, M. Feliz, R. Llusar, L. Gracia, M. Marques, J.M. Recio	High-pressure behaviour of selenium based spinels and related structures -an experimental and theoretical study	Journal of Physics-Condensed Matter 16, 53-63 (2004)	2004	physics: solid state
933.	Waskowska A.,L. Gerward, J.S. Olsen, M. Maczka, T. Lis, A. Petraszko, W. Morgenroth	Low temperature and high pressure structural behaviour of NaBi(MoO4)2 - an X-ray diffraction study.	Journal of Solid State Chemistry 178, 2218-2224 (2005)	2005	chemistry: solid state
934.	Wawro S, Z. Kurant, L.T. Baczewski, P. Pankowski, J.B. Pełka, A. Maneikis, A. Bójko, V. Zablotskii and A. Maziewski	Structure and magnetic anisotropy evolution in Au/Co/Au sandwiches upon thermal treatment	physica status solidi (c) 2006)	2006	physics: solid state
935.	Wegrzynek D	Computer microtomography using a laboratory x-ray fluorescence microbeam spectrometer - A feasibility study	X-Ray Spectrometry 30 (6): 413-418 NOV-DEC 2001	2001	spectroscopy
936.	Wichert J, Weber R, Kipp L, et al.	Angle resolved photoemission spectroscopy of GaN (10(1)over-bar-0): Experiment and theory	Physica Status Solidi b 215 (1): 751-755 1999	1999	physics: solid state
937.	Wiechec, A.; Korecki, J.; Handke, B.; Kakol, Z.; Owoc, D.; Antolak, D.A.; Kozlowski, A.	Uniaxial anisotropy in magnetite thin film—Magnetization studies	Physica B: Physics of Condensed Matter Volume: 382, Issue: 1-2, June 15, 2006, pp. 147-150	2006	physics: condensed matter
938.	Wierzbanowski K, Baczmanski A, Wawszczak R, et al.	Internal stress and stored energy in recrystallized copper	ARCH METALL MATER 50 (1): 201-208 2005	2005	materials
939.	Wierzbanowski K, Baczmanski A, Wawszczak R, Tarasiuk J, Gerber P, Bacroix B, Lodini A	Residual stress and stored energy during recrystallisation in polycrystalline copper	Materials Science & Technology-LOND 21 (1): 46-52 2005	2005	materials
940.	Wierzbicka E, Klos A, Lefeld-Sosnowska M, Pajaczkowska A	X-ray topography of GdCa4O(BO3)(3) single crystals grown by the Czochralski method	Physica Status Solidi a 203 (2): 220-226 2006	2006	physics: solid state
941.	Wierzchowski W	Badania realnej struktury monokryształów i warstw epitaksjalnych z zastosowaniem promieniowania synchrotronowego i symulacji obrazów dyfrakcyjnych	Prace ITME, vol. 44 (1994)	1994	technology
942.	Wierzchowski W, K. Wieteska,A. Turos, W. Graeff,R. Grötzschel	X-Ray Studies of$Al_xGa_{1-x}As$ Implanted with 1.5 MeV Se Ions	IEEE Conference Proceedings (SIMC-X) (1999) - s 2831-2836.	1999	physics: materials
943.	Wierzchowski W, M. Moore	Observation of interference fringes in Bragg-case synchrotron double-crystal images of stacking faults in diamond	Acta Physica Polonica A 82 (1992) 185.	1992	physics: general
944.	Wierzchowski W, M. Moore	The images of dislocations in synchrotron Bragg-case section topography of diamond	Acta Physica Polonica A 82 (1992) 193.	1992	physics: general
945.	Wierzchowski W, M. Moore	Bragg-case images of stacking faults	Acta Crystalographica A 51 (1995) 831.	1995	crystallography

			(1995) 831.		hy
946.	Wierzchowski W, M. Moore, A.P.W. Makepeace, A. Yacoot	X-ray topographic studies and measurement of lattice parameter within synthetic diamond grown by the reconstitution technique	Journal of Crystal Growth 114 (1991) 209.	1991	crystal growth
947.	Wierzchowski W, Mazur K, Strupinski W, et al.	Investigation of misfit dislocation sources in GaAs epitaxial layers	Acta Physica Polonica A 89 (3): 341-346 MAR 1996	1996	physics: general
948.	Wierzchowski W, Wieteska K, Graeff W	Synchrotron white beam topographic studies of gallium arsenide crystals	Acta Physica Polonica A 91 (5): 1015-1019 1997	1997	physics: general
949.	Wierzchowski W, Wieteska K, Graeff W	The images of misfit dislocations in Bragg-case synchrotron section topography	NUOVO CIMENTO D 19 (2-4): 227-232 FEB-APR 1997	1997	physics: general
950.	Wierzchowski W, Wieteska K, Graeff W	Numerical simulation of Bragg-case section topographic images of dislocations in silicon	Journal of Physics D: Applied Physics 33 (10): 1230-1238 MAY 21 2000	2000	physics: applied
951.	Wierzchowski W, Wieteska K, Graeff W, et al.	Interference fringes in plane-wave topography of AlxCa1-xAs epitaxial layers implanted with Se ions	Journal of Alloys & Compounds 286 (1-2): 343-348 1999	1999	materials
952.	Wierzchowski W, Wieteska K, Graeff W, et al.	White beam synchrotron topographic characterisation of silicon wafers directly bonded by oxide layer	Acta Physica Polonica A 96 (2): 283-288 1999	1999	physics: general
953.	Wierzchowski W, Wieteska K, Graeff W, et al.	Investigation of lattice strains in layered structures containing porous silicon	Acta Physica Polonica A 102 (2): 283-288 2002	2002	physics: general
954.	Wierzchowski W, Wieteska K, Graeff W, et al.	X-ray studies of Al(x)GA(1-x)As implanted with 1.5 MeV As ions	Vacuum 70 (2-3): 115-121 MAR 10 2003	2003	cryst growth
955.	Wierzchowski W, Wieteska K, Graeff W, et al.	X-ray topographic investigation of large oxygen precipitates in silicon	Journal of Alloys & Compounds 362 (1-2): 301-306 2004	2004	materials
956.	Wierzchowski W, Wieteska K, Graeff W, et al.	Investigation of the defects distribution along the growth direction in GdCOB crystals by synchrotron and conventional X-ray topography	Journal of Alloys & Compounds 401 (1-2): 69-74 2005	2005	materials
957.	Wierzchowski W, Wieteska K, Graeff W, et al.	Synchrotron X-ray investigation of La0.3Sr0.4Al0.65Ta0.35O3 crystals	Crystal Research & Technology 40 (4-5): 517-522 APR 2005	2005	crystal growth
958.	Wierzchowski W, Wieteska K, Graeff W, et al.	X-ray diffraction studies of GaAs implanted with 1.5 MeV Se+ ions	Vacuum 78 (2-4): 569-575 MAY 30 2005	2005	cryst growth
959.	Wierzchowski W, Wieteska K, Turos A, et al.	Synchrotron investigation of strain profiles in the implanted semiconductors	Vacuum 63 (4): 767-773 AUG 16 2001	2001	cryst growth
960.	Wierzchowski W., K. Wieteska, W. Graeff, M. Palowska, E. Nossarzewska-Orlowska, A. Brzozowski	X-ray and scanning electron microscopic investigations of porous silicon and silicon epitaxial layers grown on porous silicon	Electron Technology 31, 213 (1998)	1998	technology
961.	Wierzchowski W., K. Wieteska, W. Graeff, M. Pawlowska, E. Nossarzewska-Orlowska, A. Brzozowski	Synchrotron x-ray investigation of porous silicon and silicon epitaxy grown on porous silicon	Universitatis Iagellonicae Folia Physica 1998, p. 91	1998	sources instruments
962.	Wierzchowski W., Wieteska K., Auleytner J., Graeff W., Zymierska D.,	Synchrotron x-ray diffraction studies of silicon implanted with high-energy Ar ions after thermal annealing	Journal of Alloys & Compounds, vol.382, 2004, 146-152,	2004	materials

	D.,	after thermal annealing			
963.	Wiesinger G, Paul-Boncour V, Filipek SM, et al.	Structural and magnetic properties of RFe2Dx deuterides (R = Zr, Y and x >= 3.5) studied by means of neutron diffraction and Fe-57 Mossbauer spectroscopy	Journal of Physics-Condensed Matter 17 (6): 893-908 FEB 16 2005	2005	physics: solid state
964.	Wieteska K, W. Wierzchowski, A. Misiuk, B. Surma, W. Graeff, I. Antonova, M. Prujszczyk	Synchrotron topographic and photoluminescence investigation of porous layer in HP-HT treated silicon implanted with deuterium ions	Physica Status Solidi (c), 2, 3471-3475 (2005)	2005	physics: solid state
965.	Wieteska K, W. Wierzchowski, W. Graeff, G. Kuri, A. Misiuk, A. Turos, G. Gawlik	Reciprocal space mapping of implanted AIIIBV semiconductor compounds	Journal of Alloys & Compounds, 362, 297-300 (2004)	2004	materials
966.	Wieteska K, Wierzchowski W, Graeff W	Bragg-case synchrotron section topography of silicon implanted with high-energy protons and alpha particles	Journal of Applied Crystallography 30: 238-243 Part 3 JUN 1 1997	1997	crystallography
967.	Wieteska K, Wierzchowski W, Graeff W	Interference effects in Bragg-case synchrotron section topography of elastically bent silicon implanted crystals	NUOVO CIMENTO D 19 (2-4): 233-239 FEB-APR 1997	1997	physics: general
968.	Wieteska K, Wierzchowski W, Graeff W	White beam pin-hole patterns of implanted layers	Journal of Alloys & Compounds 286 (1-2): 349-353 1999	1999	materials
969.	Wieteska K, Wierzchowski W, Graeff W, Dluzewska KD	X-ray diffraction patterns in high-energy proton implanted silicon	Physica Status Solidi a 168 (1): 11-25 1998	1998	physics: solid state
970.	Wieteska K, Wierzchowski W, Graeff W, et al.	Interference fringes in synchrotron section topography of implanted silicon with a very large ion range	Acta Physica Polonica A 91 (5): 1021-1024 1997	1997	physics: general
971.	Wieteska K, Wierzchowski W, Graeff W, et al.	Lattice deformation in AlxGa1-xAs epitaxial layers caused by implantation with high doses of 1 MeV Si ions	Acta Physica Polonica A 96 (2): 289-293 1999	1999	physics: general
972.	Wieteska K, Wierzchowski W, Graeff W, et al.	Characterization of implanted semiconductors by means of white-beam and plane-wave synchrotron topography	Journal of Synchrotron Radiation 7: 318-325 Part 5 SEP 2000	2000	sources instruments
973.	Wieteska K, Wierzchowski W, Graeff W, et al.	Application of Bragg-case section topography for strain profile determination in A(III)B(V) implanted semiconductors	Journal of Physics D: Applied Physics 34 (10A): A122-A127 Sp. Iss. SI MAY 21 2001	2001	physics: applied
974.	Wieteska K, Wierzchowski W, Graeff W, et al.	Synchrotron studies of implanted InxGa1-xAs	Journal of Alloys & Compounds 328 (1-2): 193-198 2001	2001	materials
975.	Wieteska K, Wierzchowski W, Graeff W, et al.	Interference fringes in the plane wave topographic images of growth bands in Si : Ge	Acta Physica Polonica A 101 (5): 729-734 2002	2002	physics: general
976.	Wieteska K, Wierzchowski W, Graeff W, et al.	Studies of growth bands in Si : Ge crystals	Materials Science & Engineering B-SOLID 91: 462-465 Sp. Iss. SI APR 30 2002	2002	materials
977.	Wieteska K, Wierzchowski W, Graeff W, et al.	Bragg-case section topography of growth defects in Si : Ge crystals	Journal of Physics D: Applied Physics 36 (10A): A133-A138 Sp. Iss. SI MAY 21 2003	2003	physics: applied
978.	Wieteska K, Wierzchowski W, Graeff W, et al.	Synchrotron white beam topography studies of SrLaGaO4 crystals	Journal of Alloys & Compounds 401 (1-2): 75-79 2005	2005	materials

979.	Wieteska K, Wierzchowski W, Graeff W, Gawlik G	X-ray synchrotron diffraction studies of III-V semiconductor compounds implanted with hydrogen	Physica Status Solidi (a) 203 (2): 227-235 FEB 2006	2006	physics: solid state
980.	Wieteska K, Wierzchowski W, Graeff W, Misiuk A, Barcz A, Bryja L, Popov VP	X-ray synchrotron studies of nanostructure formation in high temperature-pressure treated silicon implanted with hydrogen	Acta Physica Polonica A vol.102, 2002, 239-244	2002	physics: general
981.	Wieteska K., W.K. Wierzchowski, A. Turos, W. Graeff, R. Grötzschel	Synchrotron x-ray investigations of AlxGa1-xAs epitaxial layers implanted with Se ions	Universitatis Iagellonicae Folia Physica, 39 1998, p. 83	1998	sources instruments
982.	Wilhelm H, Paris A, Schafler E, Bernstorff S, Bonarski J, Ungar T, Zehetbauer M.J..	Evidence of dislocations in melt-crystallised and plastically deformed polypropylene.	Materials Science & Engineering: A, Dec2004, Vol. 387-389, p1018-1022,	2005	materials
983.	Winter R, Dzwolak W	Temperature-pressure configurational landscape of lipid bilayers and proteins	CELL MOL BIOL 50 (4): 397-417 JUN 2004	2004	biology
984.	Winter R, Dzwolak W	Exploring the temperature-pressure configurational landscape of biomolecules: from lipid membranes to proteins	Philosophical Transactions ROY SOC A : Mathematical, Physical & Engineering Sciences 363 (1827): 537-562 FEB 15 2005	2005	physics: general
985.	Wisniewska M, D. Wisniewski, A.J. Wojtowicz, S. Tavernier, T. Lukasiewicz, Z. Frukacz, Z. Galazka, M. Malinowski	Luminescence and Scintillation Properties of YAG:Pr	Transactions of Nuclear Science 49 , 926 (2002)	2002	sources instruments
986.	Wisniewski D	VUV excited emission pulse shapes of LuAlO3 : Ce	Journal of Alloys & Compounds 300: 483-487 2000	2000	materials
987.	Wisniewski D, A.J.Wojtowicz, W. Drozdowski, J.M. Farmer, L.A. Boatner	Scintillation and Luminescence Properties of Ce-Activated K3Lu(PO4)2	Crystal Research & Technology 38, 275-282 (2003)	2003	crystal growth
988.	Wisniewski D, S. Tavernier, A.J. Wojtowicz, M. Wisniewska, P. Bruyndonckx, P. Dorenbos, E. van Loef, C.W.E. van Eijk, L.A. Boatner	LuPO3Nd and YPO3Nd - new promising VUV scintillation materials	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment) 486 , 239 (2002)	2002	sources instruments
989.	Wisniewski D, Wojtowicz AJ, Drozdowski W, J.M. Farmer, L.A. Boatner	Scintillation and luminescence properties of Ce-activated K3Lu(PO4)(2)	Journal of Alloys & Compounds 380 (1-2): 191-195 2004	2004	materials
990.	Wisniewski Di, S. Tavernier, P. Dorenbos, M. Wisniewska, A.J. Wojtowicz, P. Bruyndonckx, E. van Loef, C.W.E. van Eijk, L.A. Boatner	VUV Scintillation of LuPO4Nd and YPO4Nd	Transactions of Nuclear Science 49 , 937 (2002)	2002	sources instruments
991.	Wiśniewska M., Wojtowicz A.J., Łukasiewicz Tadeusz, Frukacz Zygmunt, Gałązka Zbigniew, Malinowski M.	Radio- and VUV -excited liminescence of YAP:Ce, YAP:Pr and YAG:Pr.	Proceedings of SPIE 2001 Vol.4412, pp. 351-356	2001	physics: solid state
992.	Wojdyr M, Gierlotka S, Y. Ivanisenko, W. Lojkowski, H.-J. Fecht,	X-Ray Investigations of the Natural and Artificial White Etching Layer	Solid State Phenomena, w druku.	2004	physics: solid state
993.	Wojnecki R., Lawniczak-Jabłońska K., Kachniarz J., Perera R.C.,	The influence of Mn atom location on the electronic structure of Ni3Al1-xMnx alloys: LMTO calculation and x-ray spectroscopy	Journal of Alloys & Compounds, vol.362, 2004, 189-197,	2004	materials

994.	Wojtowicz AJ	Rare-earth-activated wide bandgap materials for scintillators	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment) 486 , 201 (2002)	2002	sources instruments
995.	Wojtowicz AJ, D. Wisniewski, W. Drozdowski, J.M. Farmer, L.A. Boatner,	Vacuum Ultraviolet Studies of New Phosphor Material, $Rb_3Lu(PO_4)_2$:Ce	Proc. 2002 International Conference on the Science and Technology of Emissive Displays and Lighting, eds. K. Neyts, P. de Visschere, D. Poelman, Academia Press & Ghent University, Gent 2002, pp. 73-76	2002	technology
996.	Wojtowicz AJ, K. Neyts, W. Drozdowski, P. Szupryczynski,	Vacuum Ultraviolet Studies of Luminescent Centers in SrS Layers Doped with Cerium and Yttrium",	Proc. 2002 International Conference on the Science and Technology of Emissive Displays and Lighting, eds. K. Neyts, P. de Visschere, D. Poelman, Academia Press & Ghent University, Gent 2002, pp. 69-72	2002	technology
997.	Wojtowicz AJ, Mares JA	Energy transfer processes in (Lu,Gd)AlO3:Ce	Proceedings of SPIE -- Volume 4412, A. Rogalski, K. Adamiec, P. Madejczyk (eds) August 2001, pp. 221-225	2001	physics: solid state
998.	Wojtowicz AJ, P. Bruyndonckx, W. Drozdowski, Z. Galazka, J. Glodo, T. Lukasiewicz, P. Szupryczynski, S. Tavernier, M. Wisniewska, D Wiesniewski	Traps and recombination centers in YAlO3:Ce,Co	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment) 486 , 482 (2002)	2002	sources instruments
999.	Wojtowicz AJ, P. Szupryczynski, D. Wisniewski, J. Glodo, W. Drozdowski	Electron traps and scintillation mechanism in LuAlO3:Ce	Journal of Physics-Condensed Matter 13 , 9599 (2001)	2001	physics: solid state
1000.	Wojtowicz AJ, P. Szupryczynski, J. Glodo, W. Drozdowski, D. Wisniewski	Radioluminescence and recomination processes in BaF2 :Ce	Journal of Physics-Condensed Matter 12 , 4097 (2000)	2000	physics: solid state
1001.	Wojtowicz AJ, Szupryczynski P, Drozdowski W	Radiative recombination in Ce-, Pr-, and Tb-doped barium fluoride	Journal of Alloys & Compounds 300: 199-206 2000	2000	materials
1002.	Wojtowicz AJ; Drozdowski W; Wisniewski D; Lefaucheur JL et al	Scintillation properties of selected oxide monocrystals activated with Ce and Pr	Optical Materials Volume: 28, Issue: 1-2, January, 2006, pp. 85-93	2006	materials
1003.	Wolska A, Bacewicz R, Filipowicz J, Attenkofer K	X-ray absorption near-edge structure of selenium in the Cu-In-Se system	Journal of Physics-Condensed Matter 13 (20): 4457-4470 MAY 21 2001	2001	physics: solid state
1004.	Wolska A, Molak A, Lawniczak-Jablonska K, Kachniarz J, Piskorska E, Demchenko I, Gruszka I, Lindle DW	XANES Mn K edge in NaNbO3 based ceramics doped with Mn and Bi ions	Physica Scripta T115, 989-991 (2005)	2005	physics: general
1005.	Wolska E, Piszora P, Darul J, et al.	Synchrotron X-ray diffraction studies on the phase transitions in the spinel LixMn3-xO4 intercalation compounds	Journal of Physics & Chemistry of Solids 65 (2-3): 223-227 FEB-MAR 2004	2004	physics & chemistry: solid state
1006.	Wolska E, Tovar M, Andrzejewski B, Nowicki W, Darul J, Piszora P, Knapp	Structural and magnetic properties of the iron substituted lithium-manganese spinel	Solid State Sciences 8 (1): 31-36 JAN 2006	2006	physics: solid state

	M	oxides	36 JAN 2006		state
1007.	Wolska E, W. Nowicki, J. Darul, P. Piszora, M. Knapp	Effect of double substitution with Li(+) and Fe(3+)ions in LiMn2O4on its low-temperature phase transitions.	Proceedings of XIX Conf. Applied Crystallography, XIX, 412-415 (2004)	2004	crystallography
1008.	Wolska E, Wolski W, Kaczmarek J	X-ray powder diffraction study on the hydrothermally obtained zinc-manganese ferrites	Materials Science Forum 278-2: 672-677 1998	1998	materials
1009.	Wrobel A, Rokita E, Thor P	Microprobe studies of the uric acid calculi	TRACE ELEMENTS AND ELECTROLYTES 22 (4): 296-300 2005	2005	chemistry
1010.	Wruck D, K. Lorenz, R. Vianden, B. Reinhold, H.-E. Mahnke, J.M. Baranowski, K. Pakula, L. Parthier, F. Henneberger	Extended x-ray absorption fine structure and photoluminescence study of Er-implanted GaN films	Semiconductot Science & Technology 16 , L77 (2001)	2001	physics: solid state
1011.	Ye. Pivak, L. Vasylechko, A. Senyshyn, M. Berkowski, M. Knapp	Structure, thermal expansion and phase transition in La0.92Sr0.08Ga0.92Ti0.08O3single crystal	Fuel Cell Technologies: State & Perspectives, NATO Science Series, N. Sammes and O. Vasyliev, Kluwer Academic Publishers, Boston/Dordrecht/London, (2004)	2004	technology
1012.	Yencha AJ, Thompson DB, Cormack AJ, et al.	Threshold photoelectron spectroscopy of SF_6	Chemical Physics 216 (1-2): 227-241 MAR 15 1997	1997	physics: chemical
1013.	Zaharko O, W. Sikora, F. Bialas, U. Staub, and T. Nakamura	Quadrupolar, structural, and magnetic ordering in DyB2C2 studied by symmetry analysis and neutron diffraction	Physical Review B -Condensed Matter 69, 224417 (2004)	2004	physics: condensed matter
1014.	Zajac D, Cz. Kapusta, P.C. Riedi, M. Sikora, C.J. Oates, D. Rybicki, J. Blasco, D. Serrate, J.M. De Teresa, M.R. Ibarra	NMR and X-MCD study of Sr1-3xBa1+xLa2xFeMoO6	Journal of Magnetism & Magnetic Materials, 272-276, 17561758 (2004)	2004	materials
1015.	Zajdel P, Kisiel A, J. Polit, Robouch BV, E.M. Sheregii, J. Warczewski, J. Cebulski, E. Burattini, A. Marcelli, M. Castelli-Guidi, M. Piccinini, Mycielski A	Model considerations on hydrogen distribution in hydrogenated CdTe	Journal of Alloys & Compounds (2006) - in press	2006	materials
1016.	Zajdel P, Kisiel A, J. Warczewski, J. Konior, L.I Koroleva, J. Krok-Kowalski, P. Gusin, E. Burattini, G. Cinque, A. Grilli, R.V. Demin	The influence of the concentration of Sb ions ontothe local crystal and electronic structures of $CuCr_{2-x}Sb_xS4$ (x = 0.3, 0.4, 0.5) studied by XANES and EXAFS measurements and LAPW numerical calculations	Journal of Alloys & Compounds 401, 145 (2005)	2005	materials
1017.	Zajdel,-P, Kisiel,-A, Zimnal-Starnawska,-M, Lee,-P.-M, Boscherini,-F, Giriat,-W.	XANES study of sulphur K edges of transition metal (V,Cr,Mn,Fe,Co,Ni) monosulphides: experiment and LMTO numerical calculations	Journal of Alloys & Compounds 1999; 286(1-2): 66-70	1999	materials
1018.	Zakowicz W	New concept of waveguide for inverse free electron laser accelerator	Nuclear Instruments and Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment) 445 (1-3): 313-316 MAY 1 2000	2000	sources instruments

1019.	Zalecki R, Kolodziejczyk A, Kapusta C, et al.	Electronic states of La1-xCaxMnO3 from photoelectron spectroscopy	Journal of Alloys & Compounds 328 (1-2): 175-180 2001	2001	materials
1020.	Zaleska B, Socha R, Karelus M, et al.	Synthesis of saturated imidazolidin[1,5-a]-and thiazolidin[3,4-a]perhydro-quinoxalin-4-one and imidazolidin[1,5-a]piperazin-4-one derivatives. Ring contraction of perhydroquinoxalin-4-one to perhydrobenzimidazolin-2-one	SYNTHESIS-STUTTGART (13): 2169-2172 SEP 6 2004	2004	chemistry
1021.	Zaleski J, Wu G, Coppens P	On the correction of reflection intensities recorded on imaging plates for incomplete absorption in the phosphor layer	Journal of Applied Crystallography 31: 302-304 Part 2 APR 1 1998	1998	crystallography
1022.	Zeiske T, Hohlwein D, Sonntag R, Grybos J, Eichhorn K, Wolf T.:	X-ray anomalous scattering on the superconducting ortho-II phase of YBa2Cu3O6.51.	Physica C 207 (1993) S. 333-338.	1993	physics: solid state
1023.	Zema N, F.Lama, M. Piacentini, Debowska D, Kisiel A, A.Mycielski, C.G.Olson	Synchrotron Radiation Photoemission Studies of Fe 3d States in $Cd_{1-x}Fe_xSe$	Acta Physica Polonica A 86, 861, (1994)	1994	physics: general
1024.	Zema N, F.Lama, M.Piacentini, A.C.Felici, Debowska D, Kisiel A, C.G.Olson	Synchrotron Radiation Photoemission Studies of Mn 3d States in $Zn_{1-x}Mn_xSe$	Acta Physica Polonica A 87, no.2, 495 (1995)	1995	physics: general
1025.	Zema N, Lama F, Mangiatini M, et al.	Synchrotron radiation photoemission studies of Fe 3d states in Cd1-xFexSe	Journal of Electron Spectroscopy 78: 497-502 1996	1996	spectroscopy p
1026.	Zema N, Piacentini M, Czuba P, J. Kolodziej, P. Piatkowski, Z. Postawa, M. Szymonski	Spectroscopic behavior of halogen photodesorption from alkali halides under UV and VUV excitation	Physical Review B -Condensed Matter 55 (8): 5448-5454 1997	1997	physics: solid state
1027.	Zhang L, Stanek J, Hafner SS, et al.	57Fe nuclear forward scattering of synchrotron radiation in hedenbergite CaFeSi2O6 hydrostatic pressures up to 68 GPa	American Mineralogist 84 (3): 447-453 MAR 1999	1999	mineralogy
1028.	Zhang L, Stanek J, Hafner SS, J. Metge, H. Gruesteudel, F. Ruffer	57Fe nuclear forward scattering of synchrotron radiation in hedenbergite CaFeSi2O6 hydrostatic pressures up to 68 GPa (Phase transition in hedenbergite at 68 GPa studied by nuclear forward scattering of synchrotron radiation)	American Mineralogist 84 (3): 447-453 MAR 1999	1999	mineralogy
1029.	Zhuang D, Edgar JH, Strojek B, Chaudhuri J, Rek Z.	Defect-selective etching of bulk AlN single crystals in molten KOH/NaOH eutectic alloy	Journal of Crystal Growth 262 (1-4): 89-94 FEB 15 2004	2004	crystal growth
1030.	Zimnal-Stamawska M, Czarnecka-Such E, Kisiel A, et al.	XANES analysis of L-3,L-2 edges of zinc selenides with transition metals	Journal de Physique IV 7 (C2): 1201-1202 Part 2 APR 1997	1997	physics: general
1031.	Zimnal-Starnawska M, Debowska D, Kisiel A, M.Piacentini, F.Lama, Zema N, W.Giriat,	Liquid Nitrogen Temperature Reflectivity Spectra of $Zn_{1-x}Mn_xSe$ and $Zn_{1-y}Fe_ySe$ Mixed Crystals	Acta Physica Polonica A 86, no.5, 869, (1994)	1994	physics: general
1032.	Zimnal-Starnawska M, J. Ażewski, Kisiel A, F. Boscherini, S. Pascarelli, W.Giriat	EXAFS Studies of $Zn_{1-x}Mn_xS$ Ternary Compounds	Acta Physica Polonica A 86, no.5, 763, (1994)	1994	physics: general
1033.	Zubek M, Thompson DB, Bolognesi P, et al.	Measurements of angular distribution for photoionization of mercury into the 5d(9) D-2(5/2) ionic state over the energy range from 15 eV to 17 eV	Journal of Physics B-AT MOL OPT 38 (11): 1657-1665 JUN 14 2005	2005	physics: general

		from 15 eV to 17 eV			
1034.	Zukowski E, Andrejczuk A, Dobrzynski L, et al.	Spin-dependent electron momentum densities in Cu2MnAl studied by Compton scattering	Journal of Physics-Condensed Matter 9 (49): 10993-11005 DEC 8 1997	1997	physics: solid state
1035.	Zukowski E, Andrejczuk A, Dobrzynski L, et al.	Spin-dependent electron momentum density in Fe3Si and Fe3Al	Journal of Physics-Condensed Matter 12 (32): 7229-7241 AUG 14 2000	2000	physics: solid state
1036.	Zych E, Trojan-Piegza J	Low-temperature luminescence of Lu2O3 : Eu ceramics upon excitation with synchrotron radiation in the vicinity of band gap energy	Chemistry of Materials 18 (8): 2194-2199 APR 18 2006	2006	chemistry
1037.	Zychor I	Monte Carlo simulations for ANKE experiments	Acta Physica Polonica B 33 (1): 521-526 JAN 2002	2002	physics: general
1038.	Zytkiewicz ZR	Strain in epitaxial laterally overgrown structures	Opto-Electronics Review 9 (2): 142-149 JUN 2001	2001	opto