

**Publications and dissertations
concerning the synchrotron radiation and its applications, as well as related fields
by authors affiliated in Poland
v. 1.5a3.**

**TABLE 8. SUPPLEMENT
SORTED ACCORDING TO FIRST AUTHOR'S NAME**

1.	1994	Åsbrink S, J.C. Hanson, A. Waškowska, I. Uszyński,	Remarks on the diffraction by the diamonds of the high-pressure diamond-anvil cell	High Pressure Research	12 (1994) 171-174.	Hasylab
2.	2005	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	LURE
3.	2005	Besnard C, Kloc C, Siegrist T, Svensson C, Pluta K	Azanyl sulfides. LXXXI. 14-Phenyl-7-thiapyrano[2,3-c:6,5-c']diquinoline-14-carbonitrile	ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS	61: O377-O379 Part 6 2005	MAXLAB
4.	2002	Campbell L, Hedin L, Rehr JJ, Bardyszewski W	Interference between extrinsic and intrinsic losses in x-ray absorption fine structure	PHYSICAL REVIEW B	65 (6): art. no. 064107 2002	theory
5.	2004	Chesnel K, Belakhovsky M, van der Laan G, Livet F, Marty A, Beutier G, Collins SP, Haznar A	Tracking the local reversal processes in nanostructures by magnetic speckles	PHYSICAL REVIEW B	70 (18): art. no. 180402 2004	DARES BURY
6.	2005	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 2005	ESRF
7.	2002	Collet E, Lemee-Cailleau MH, Buron-Le Cointe M, Cailleau H, Ravy S, Luty T, Berar JF, Czarnecki P, Karl N	Direct evidence of lattice-relaxed charge transfer exciton strings	EUROPHYSICS LETTERS	57 (1): 67-73 2002	ESRF
8.	2003	Czarnota M, Pajek M, Banas D, Chmielewska D, Rzadkiewicz J, Sujkowski Z, Dousse JC, Berset M, Mauron O, Maillard YP, Raboud PA, Hoszowska J, Polasik M, Slabkowska K	Observation of LA-ray satellites and hypersatellites in collisions of O and Ne ions with Mo and Pd	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	205: 133-138 2003	ESRF
9.	2004	De Negri S, Kaczorowski D, Grytsiv A, Alleno E, Giovannini M, Gorzelnik R, Rogl P, Godart C, Saccone A, Ferro R	Gd(Mn _{1-x} In _x) ₂ : crystal structure and physical properties	JOURNAL OF ALLOYS AND COMPOUNDS	365 (1-2): 58-67 2004	LURE
10.	2005	Dynarowicz-Latka P, Rosilio V, Boullanger P, Fontaine P, Goldmann M, Baszkin A	Influence of a neoglycolipid and its PEO-lipid moiety on the organization of phospholipid monolayers	LANGMUIR	21 (25): 11941-11948 2005	LURE
11.	2005	Eriksson M, Osan J, Jonstrom J, Wozniak D	Source term identification of environmental radioactive	SPECTROCHIMICA ACTA PART B	60 (4): 455-460 2005	HASYLAB

		Jernstrom J, Wegrzynek D, Simon R, Chinea-Cano E, Markowicz A, Bamford S, Tamborini G, Torok S, Falkenberg G, Alsecz A, Dahlgaard H, Wobrauschek P, Strelci C, Zoeger N, Betti M	environmental radioactive Pu/U particles by their characterization with non-destructive spectrochemical analytical techniques	A ACTA PART B-ATOMIC SPECTROSCOPY	469 2005	
12.	1999	Fisher BO, Thomas MK, Hatherly PA, Codling K, Stankiewicz M, Karawajczyk A, Roper M	Soft x-ray photoionization and fragmentation of SO ₂ studied by threshold photoelectron-photoion-photoion coincidence (TPEPIICO) spectroscopy	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	32 (18): 4437-4446 1999	DARESBURY
13.	2005	Fontcuberta J, Rubi D, Frontera C, Garcia-Munoz JL, Wojcik M, Jedryka E, Nadolski S, Izquierdo M, Avila J, Asensio MC	Ferromagnetic coupling strength and electron-doping effects in double perovskites	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	290: 974-980 Part 2 Sp. Iss. SI 2005	LURE
14.	2002	Fournee V, Belin-Ferre E, Pecheur P, Tobola J, Dankhazi Z, Sadoc A, Muller H	Electronic structure of Al-Pd-Mn crystalline and quasicrystalline alloys	JOURNAL OF PHYSICS-CONDENSED MATTER	14 (1): 87-102 2002	LURE
15.	2004	Gallani JL, Kappler JP, Derory A, Ohresser P, Turek P, Zangrando M, Zacchigna M, Parmigiani F, Gorecka E, Krowczynski A	X-Ray magnetic circular dichroism on vanadium molecular derivatives	EUROPEAN PHYSICAL JOURNAL B	38 (1): 43-48 2004	LURE
16.	1992	Gerward L, J. Staun Olsen, S. Steenstrup, M. Malinowski, S. Åsbrink, A. Waškowska	X-ray diffraction investigations of CaF ₂ at high pressure	Journal of Applied Crystallography	25 (1992) 578-581	
17.	2004	Gonzalez C, Benito I, Ortega J, Jurczyszyn L, Blanco JM, Peerez R, Flores F, Kampen TU, Zahn DRT, Braun W	Selenium passivation of GaAs(001): a combined experimental and theoretical study	JOURNAL OF PHYSICS-CONDENSED MATTER	16 (13): 2187-2206 2004	Bessy
18.	2002	Hatherly PA, Riu JR, Stankiewicz M, Quinn FM, Frasiniski LJ	Dynamics of the shake-up satellites of C 1s excited carbon dioxide studied by threshold electron spectroscopy	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	35 (3): L77-L83 2002	DARESBURY
19.	2004	Haznar A, van der Laan G, Collins SP, Vaz CAF, Bland JAC, Dhési SS	Soft X-ray resonant magnetic scattering from a Ni layer with modulated magnetic anisotropy	JOURNAL OF SYNCHROTRON RADIATION	11: 254-260 Part 3 2004	DARESBURY, ESRF
20.	2006	Jungwirth T, Masek J, Wang KY, Edmonds KW, Sawicki M, Polini M, Sinova J, MacDonald AH, Campion RP, Zhao LX, Farley NRS, Johal TK, van der Laan G, Foxon CT, Gallagher BL	Low-temperature magnetization of (Ga,Mn)As semiconductors	PHYSICAL REVIEW B	73 (16): art. no. 165205 2006	DARESBURY
21.	2004	Korbass M, Rokita E, Meyer-Klaucke W, Ryczek J	Bone tissue incorporates in vitro gallium with a local structure similar to gallium-doped brushite	JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY	9 (1): 67-76 2004	EMBL Hamburg
22.	2004	Kovac P, Hüge I, Meligek T, Grivel JC, Pachla W, Strbik V, Diduszko R, Homeyer J, Andersen NH	The role of MgO content in ex situ MgB ₂ wires	SUPERCONDUCTOR SCIENCE & TECHNOLOGY	17 (10): L41-L46 2004	HASYLAB

23.	2004	Kuepper K, Balasz I, Hesse H, Winiarski A, Prince KC, Matteucci M, Wett D, Szargan R, Burzo E, Neumann M	Electronic and magnetic properties of highly ordered Sr ₂ FeMoO ₆	PHYSICA STATUS SOLIDI A-APPLIED RESEARCH	201 (15): 3252-3256 2004	ELETTRA
24.	1999	Leithe-Jasper A, Kaczorowski D, Rogl P, Bogner J, Reissner M, Steiner W, Wiesinger G, Godart C	Synthesis, crystal-structure determination and physical properties of YbFe ₄ Sb ₁₂	SOLID STATE COMMUNICATION S	109 (6): 395-400 1999	LURE
25.	2004	Paraguassu W, Maczka M, Souza AG, Freire PTC, Mendes J, Melo FEA, Macalik L, Gerward L, Olsen JS, Waskowska A, Hanuza J	Pressure-induced structural transformations in the molybdate Sc-2(MoO ₄)(3)	PHYSICAL REVIEW B	69 (9): art. no. 094111 2004	
26.	2006	Paszkowicz W	Ninety years of powder diffraction: from birth to maturity	Synchrotron Radiation in Natural Science	5 (2006) 115-126	review
27.	2003	Proost K, Vincze L, Janssens K, Gao N, Bulska E, Schreiner M, Falkenberg G	Characterization of a polycapillary lens for use in micro-XANES experiments	X-RAY SPECTROMETRY	32 (3): 215-222 2003	HASYLAB
28.	1997	Rehr JJ, Bardyszewski W, Hedin L	Intrinsic and extrinsic losses in XAFS	JOURNAL DE PHYSIQUE IV	7 (C2): 97-98 Part 1 1997	theory
29.	2005	Rokita E, Chevallier P, Mutsaers PHA, Tabor Z, Wrobel A	Studies of crystal orientation and calcium distribution in trabecular bone	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	240 (1-2): 69-74 2005	LURE
30.	2003	Ruiz T, Mechin I, Bar J, Rypniewski W, Kopperschlager G, Radermacher M	The 10.8-angstrom structure of Saccharomyces cerevisiae phosphofructokinase determined by cryoelectron microscopy: localization of the putative fructose 6-phosphate binding sites	JOURNAL OF STRUCTURAL BIOLOGY	143 (2): 124-134 2003	EMBL Hamburg
31.	2003	Rzadkiewicz J, Chmielewska D, Gojska A, Sujkowski Z, Berset M, Dousse JC, Maillard YP, Mauron O, Raboud PA, Polasik M, Hoszowska J, Pajek M	M-subshell ionization in near-central collisions of 20-MeV/amu carbon ions with molybdenum atoms	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	205: 128-132 2003	ESRF
32.	1997	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 DO ₃ -type structure	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	169 (3): 240-252 1997	HASYLAB
33.	2004	Telling ND, Haznar A, van der Laan G, Roper MD, Schedin F, Thornton G	Fe M-2,M-3 X-ray resonant magnetic reflectivity on epitaxial Fe ₃ -delta O ₄ thin films	PHYSICA B-CONDENSED MATTER	345 (1-4): 157-160 2004	DARESBURY
34.	1999	Thomas MK, Fisher BO, Hatherly PA, Codling K, Stankiewicz M, Roper M	The fragmentation of core ionized CF ₄ probed by threshold-photoelectron-photoion-photoion coincidence (TPEPIPCO)	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND	32 (11): 2611-2622 1999	DARESBURY

			spectroscopy	OPTICAL PHYSICS		
35.	1998	Thomas MK, Hatherly PA, Codling K, Stankiewicz M, Rius J, Karawajczyk A, Roper M	Soft x-ray ionization and fragmentation of n- and iso-propanol	JOURNAL OF PHYSICS B- ATOMIC MOLECULAR AND OPTICAL PHYSICS	31 (15): 3407-3418 1998	DARESBURY
36.	2001	Tran VH, Flandorfer H, Godart C, Rogl P	Noninteger Ce valency in $Ce_2Ni_{22}C_{2.75}$	JOURNAL OF SOLID STATE CHEMISTRY	161 (1): 63-66 2001	LURE
37.	2003	van der Laan G, Chesnel KC, Belakhovsky M, Marty A, Livet F, Collins SP, Dudzik E, Haznar A, Attane JP	Magnetic anisotropy of aligned magnetic stripe domains in FePd studied by soft X-ray resonant magnetic scattering, magnetic force microscopy and micromagnetic modeling	SUPERLATTICES AND MICROSTRUCTURES	34 (1-2): 107-126 2003	Bessy, Daresbury
38.	2005	Zakowicz W	Whispering-gallery-mode resonances: A new way to accelerate charged particles	PHYSICAL REVIEW LETTERS	95 (11): art. no. 114801 2005	theory
39.	2004	Zakowicz W	Scattering of plane wave packets by a rigid cylinder: a contribution to the quantum scattering theory	JOURNAL OF PHYSICS B- ATOMIC MOLECULAR AND OPTICAL PHYSICS	37 (8): L153-L159 2004	theory
40.	2003	Zakowicz W	Classical properties of quantum scattering	JOURNAL OF PHYSICS A- MATHEMATICAL AND GENERAL	36 (15): 4445-4464 2003	theory
41.	2002	Zakowicz W	Graphical examples of geometrical and wave optics	ACTA PHYSICA POLONICA B	33 (8): 2059-2068 2002	theory
42.	2002	Zakowicz W	On the extinction paradox	ACTA PHYSICA POLONICA A	101 (3): 369-385 2002	theory
43.	2002	Zakowicz W	Spontaneous emission by atoms in simple environments	ACTA PHYSICA POLONICA A	101 (1): 119-131 2002	theory
44.	2001	Zakowicz W	Light rays and imaging in wave optics	PHYSICAL REVIEW E	64 (6): art. no. 066610 Part 2 2001	theory
45.	2000	Zakowicz W, Janowicz M	Spontaneous emission in the presence of a dielectric cylinder	PHYSICAL REVIEW A	62 (1): art. no. 013820 2000	theory
46.	2005	Zdyb R, Locatelli A, Heun S, Cherifi S, Belkhou R, Bauer E	Nanomagnetism studies with spin-polarized low-energy electron microscopy and x-ray magnetic circular dichroism photoemission electron microscopy	SURFACE AND INTERFACE ANALYSIS	37 (2): 239-243 2005	LURE
47.	2005	Zdyb R, Pavlovska A, Locatelli A, Heun S, Cherifi S, Belkhou R, Bauer E	Imaging low-dimensional magnetism with slow electrons	APPLIED SURFACE SCIENCE	249 (1-4): 38-44 2005	LURE
48.	2006	Ziaja B, London RA, Hajdu J	Ionization by impact electrons in solids: Electron mean free path fitted over a wide energy range	JOURNAL OF APPLIED PHYSICS	99 (3): art. no. 033514 2006	HASYLAB