

## LISTA PUBLIKACJI 2011 LIST of PUBLICATIONS

### KSIĄŻKI, MONOGRAFIE i ARTYKUŁY PRZEGLĄDOWE BOOKS, MONOGRAPHS & REVIEWS

1. L.D.Gulay, M. **DASZKIEWICZ**,  
**Ternary and Quaternary Chalcogenides of Si, Ge, Sn, Pb, and In.**  
In: *Handbook on the Physics and Chemistry of Rare Earths, Vol. 41*, ed. by K.A. Gschneidner, Jr., J.-C.G. Bünzli, & V.K. Pecharsky (Amsterdam: Elsevier, 2011) Ch. 250, pp. 157–273. [DOI]  
[ISBN 978-0444535900]
2. K.Helios, A. **ŁUKOWIAK**, D.Michalska,  
**Zastosowania mikroskopii ramanowskiej.** [Applications of RAMAN Microscopy.]  
In: *Nauka i przemysł – metody spektroskopowe w praktyce, nowe wyzwania i możliwości [Science and Industry: Spectroscopic Methods in Practice, New Challenges and Possibilities]*, ed. by Z. Hubicki (Lublin: UMCS, Wydział Chemii, 2011) Ch. ?, pp. 268–71 [in Polish]. [ISBN 978-83-227-3227-4]
3. A. **ŁUKOWIAK**, R.Tadaszak, S.Lis, L.Golonka, S.Patela, M.Jasiorski,  
**Charakterystyka i możliwości zastosowania światłowodowych warstw otrzymanych metodą zol–żel na ceramice LTCC.** [Characteristics and Possible Applications of Light-Guiding Layers, Fabricated on LTCC Creamics by Sol–Gel Method.]  
In: *Nauka i przemysł – metody spektroskopowe w praktyce, nowe wyzwania i możliwości [Science and Industry: Spectroscopic Methods in Practice, New Challenges and Possibilities]*, ed. by Z. Hubicki (Lublin: UMCS, Wydział Chemii, 2011) Ch. ?, pp. 161–64 [in Polish]. [ISBN 978-83-227-3227-4]
- **H. Stachowiak**,  
**Czas nieutracony.** [Time Not Lost.]<sup>†</sup>  
(Wrocław: Oficyna Wydawnicza ATUT, 2011) 435 pp. + 22 Phot. [in Polish]. [ISBN 978-83-227-3227-4]

### ARTYKUŁY W CZASOPISMACH NAUKOWYCH ARTICLES IN SCIENTIFIC JOURNALS

4. R.S.Amim, M.R.L.Oliveira, J. **JANCZAK**, M.M.M.Rubinger, L.M.M.Vieira, L.C.Alves, L.Zambolim,  
**Syntheses, Characterization, Crystal Structure and Antifungal Activity of Four Tetraphenylphosphonium bis(N-R-Sulfonyldithiocarbamate) zincate(II) Salts.**  
*Polyhedron* **30**<sub>5</sub> (2011) 683–89. [DOI]
5. E.Augustyn, P.Stremplewski, M.Róžański, C.Koepke, G. **DOMINIAK-DZIK**, M.Kepińska, M.Żelechower,  
**Comparison of Selected Optical Properties of Oxyfluoride Glass Fibers Doped with Er<sup>3+</sup> and Co-doped with Er<sup>3+</sup> + Yb<sup>3+</sup>.**  
*Appl. Phys. B* **104**<sub>4</sub> (2011) 933–40. [DOI]
6. S.Baran, D. **KACZOROWSKI**, A.Arulraj, B.Penc, A.Szytuła,  
**Investigation of Thermodynamic Properties and Magnetic Ordering in TmNiIn.**  
*J. Magn. Magn. Mater.* **323**<sub>6</sub> (2011) 833–37. [DOI]

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<sup>†</sup>[Views and opinions presented are sole responsibility of the Author.]

7. S. Baran, **D. KACZOROWSKI**, A. Hoser, B. Penc, A. Szytuła,  
**Magnetic Behavior in TmAgSi.**  
*J. Magn. Magn. Mater.* **323**<sub>2</sub> (2011) 222–25. [\[DOI\]](#)
8. G. Bator, W. Sawka-Dobrowolska, L. Sobczyk, E. Grech, J. Nowicka-Scheibe, A. Pawlukojc, J. Wuttke,  
**J. BARAN**, M. Owczarek,  
**4, 4'–, 5, 5'–, and 6, 6'–Dimethyl-2, 2'–Bipyridyls: The Structures, Phase Transitions, Vibrations, and Methyl Group Tunneling of Their Complexes with Chloranilic Acid.**  
*J. Chem. Phys.* **135** (2011) 044509 (11). [\[DOI\]](#)
9. **A. BEDNARKIEWICZ**, R. M. Rodrigues, M. P. Whelan,  
**Non-invasive Monitoring of Cytotoxicity Based on Kinetic Changes of Cellular Autofluorescence.**  
*Toxicol. in Vitro* **25**<sub>8</sub> (2011) 2088–94. [\[DOI\]](#)
10. **A. BEDNARKIEWICZ**, D. Wawrzyńczyk, M. Nyk, M. Samoć,  
**Tuning Red-Green-White Up-conversion Color in Nano NaYF<sub>4</sub> : Er / Yb Phosphor.**  
*J. Rare Earths* **29**<sub>12</sub> (2011) 1152–56. [\[DOI\]](#)  
*2nd Int. Conf. on Rare Earth Materials (REMAT) Advances in Synthesis, Studies and Applications*, WROCLAW, PL, 2011.06 13–15
11. **A. BEDNARKIEWICZ**, D. Wawrzyńczyk, M. Nyk, **W. STREK**,  
**Optically Stimulated Heating Using Nd<sup>3+</sup>-Doped NaYF<sub>4</sub> Colloidal Near-Infrared Nanophosphors.**  
*Appl. Phys. B* **103**<sub>4</sub> (2011) 847–52. [\[DOI\]](#)
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**Synthesis and Spectral Properties of Colloidal Nd<sup>3+</sup> Doped NaYF<sub>4</sub> Nanocrystals.**  
*Opt. Mater.* **30**<sub>10</sub> (2011) 1481–86. [\[DOI\]](#)  
*Int. Conf. on Excited States of Transition Elements (ESTE 2010) and Worksh. on Luminescence*, WROCLAW & PIECHOWICE, PL, 2010.09 04–09
13. Т. В. Безродна, В. В. Несправа, Г. А. Пучковска, И. Т. Чашечникова, Ю. П. Бойко, **J. BARAN**,  
**Структура и спектроскопические свойства органоглин, модифицированных многостенными углеродными нанотрубками.** [Structure and Spectroscopic Properties of Organoclays Doped by Multiwall Carbon Nanotubes.]  
*Ж. Прикл. Спектр.* **78**<sub>1</sub> (2011) 56–65 [in Russian]. Engl. in: *J. Appl. Spectr.* **78**<sub>1</sub> (2011) 50–58. [\[DOI\]](#)
14. M. Biasini, **G. KONTRYM-SZNAJD**,  
**What Else for Improvement of Reconstructed Densities ?**  
*Mater. Sci. Forum* **666** (2011) 147–50. [\[DOI\]](#)  
*39th Polish Semin. on Positron Annihilation (PSPA '10)* KAZIMIERZ DOLNY, PL, 2009.06 20–25
15. A. Wlachowski, K. Ruebenbauer, J. Żukrowski, **Z. BUKOWSKI**, **K. ROGACKI**, P. J. W. Moll, J. Karpinski,  
**Interplay between Magnetism and Superconductivity in EuFe<sub>2-x</sub>Co<sub>x</sub>As<sub>2</sub> Studied by <sup>57</sup>Fe and <sup>151</sup>Eu MÖSSBAUER Spectroscopy.**  
*Phys. Rev. B* **84** (2011) 174503 (8). [\[DOI\]](#)
16. A. Wlachowski, K. Ruebenbauer, J. Żukrowski, **K. ROGACKI**, Z. Bukowski, J. Karpinski,  
**Shape of Spin Density Wave versus Temperature in AFe<sub>2</sub>As<sub>2</sub> (A = Ca, Ba, Eu) : A MÖSSBAUER Study.**  
*Phys. Rev. B* **83** (2011) 134410 (12). [\[DOI\]](#)
17. Г. С. Бурханов, И. С. Терешина, Г. А. Политова, О. Д. Чистяков, **H. DRULIS**, **A. ZALESKI**,  
**Магнитокалорический эффект в соединениях с гигантской магнитострикцией.** [Magnetocaloric Effect in Compounds Exhibiting Gigantic Magnetostriction.]  
*Докл. Акад. Наук* **440**<sub>5</sub> (2011) 611–14 [in Russian]. Engl. in: *Dokl. Phys.* **56**<sub>10</sub> (2011) 513–16. [\[DOI\]](#)

18. A.Chuchmała, **R.J. WIGLUSZ**, **W. STRĘK**, B.Mazurek,  
**Electrical Conductivity of  $\text{La}_{0.8}\text{Sr}_{0.2}\text{Co}_{1-x}\text{Mn}_x\text{O}_3$  Nanoceramics.**  
*phys. stat. sol. (c)* **8**<sub>7/8</sub> (2011) 2523–26. [DOI]  
*E-MRS – 2010 Fall Meeting – Symposium H*, WARSAW, PL, 2010.09 13–17
19. **M. CISZEK**, **K. ROGACKI**, J.Karpiński,  
**Effect of Carbon Substitution on Low Magnetic Field AC Losses in  $\text{MgB}_2$  Single Crystals.**  
*Physica C* **471**<sub>21/22</sub> (2011) 794–97. [DOI]  
*23rd Int.Symp.on Superconductivity (ISS 2010)* TSUKUBA, JP, 2010.11 01–03
20. **M. CISZEK**, **S. TROJANOWSKI**,  
**Low Noise Measurement System for Determination of the Critical Currents in Superconducting Tapes by a Pulse Method.**  
*Rev. Sci. Instr.* **82** (2011) 114701 (6). [DOI]
21. M.T.Colomer, **M. MAĆZKA**,  
**Mixed Conductivity, Structural and Microstructural Characterization of Titania-Doped Ytria Tetragonal Zirconia Polycrystalline / Titania-Doped Ytria Stabilized Zirconia Composite Anode Matrices.**  
*J. Solid State Chem.* **184**<sub>2</sub> (2011) 365–72. [DOI]
22. A.Cyganiuk, **R. KLIMKIEWICZ**, J.P.Łukaszewicz,  
**Hybrid Catalyst Containing Nano-Sized  $\text{LaMnO}_3$  and Carbon Black for High Yield and Selective Ketoneization of *n*-Butanol.**  
*Mater. Res. Bull.* **46**<sub>3</sub> (2011) 327–32. [DOI]
23. D.Das, T.Jacobs, **A.PIETRASZKO**, L.J.Barbour,  
**Anomalous Thermal Expansion of an Organic Crystal – Implications for Elucidating the Mechanism of an Enantiotropic Phase Transformation.**  
*Chem. Commun.* **47**<sub>21</sub> (2011) 6009–11. [DOI]
24. **M. DASZKIEWICZ**, **M.K. MARCHEWKA**,  
**Crystallographic, Vibrational and Theoretical Studies of 2,3-Diaminopyridinium Selenate.**  
*Vib. Spectr.* **57**<sub>2</sub> (2011) 326–33. [DOI]
25. **M. DASZKIEWICZ**, **M.K. MARCHEWKA**, I.Тypilo, L.D.Gulay, D.Semenyshyn,  
**Structural and Vibrational Studies of  $\text{Sr}_2[\text{W}(\text{CN})_8] \cdot 10\text{H}_2\text{O}$ .**  
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26. М.Є.Демчина, Б.Д.Белан, М.Д.Маняко, Л.Г.Аксельруд, **A.PIETRASZKO**, **D. KACZOROWSKI**, Я.М.Каличак,  
**Взаємодія компонентів у системі Tb–Mn–In при 870 К.** [Interaction of Components in the System Tb–Mn–In at 870 K.]  
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27. **P.J. DEREŃ**, **K. LEMAŃSKI**,  
**On Tuning of Spectroscopic Properties of  $\text{LaAlO}_3 : \text{Pr}^{3+}$  Nanocrystallites.**  
*J. Lumin.* **131**<sub>3</sub> (2011) 445–48. [DOI]  
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**ANDREEV Reflection Spectroscopy of the New Fe-Based Superconductor  $\text{EuAsFeO}_{0.85}\text{F}_{0.15}$  : Evidence for the Strong Order Parameter Anisotropy.**  
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**Field-Induced Quantum Critical Point and Nodal Superconductivity in the Heavy-Fermion Superconductor Ce<sub>2</sub>PdIn<sub>8</sub>.**  
*Phys. Rev. X* **1** (2011) 01 1010 (6). [\[DOI\]](#)
30. **H. DRULIS, K.Giza, A.HACKEMER, L.FOLCIK, Ł.Gondek, H.Figiel, H.Bala,**  
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*Biul. PS WiOP (Bull. Pol. Hydrog. Fuel Cell. Assoc.)* **6** (2011) 115–??.
31. **H. DRULIS, A.HACKEMER, A.ZALESKI, Yu.L.Yaropolov, S.A.Nikitin, V.N.Verbitsky,**  
**The Magnetocaloric Effect and Low Temperature Specific Heat of SmNi.**  
*Solid State Commun.* **151**<sub>18</sub> (2011) 1240–43. [\[DOI\]](#)
32. L.Dymińska, **A.GĄGOR, Z.Talik, J.Lorenc, J. HANUZA,**  
**Vibrational Spectra and Structure of Methyl-Derivatives of Imidazo [4,5-c] Pyridine Based on DFT Quantum Chemical Calculations and XRD Studies.**  
*Vib. Spectr.* **57**<sub>2</sub> (2011) 229–41. [\[DOI\]](#)
33. R.Eder, **P. WRÓBEL,**  
**Doping Driven Small-to-Large FERMI Surface Transition and d-Wave Superconductivity in a Two-Dimensional KONDO Lattice.**  
*Phys. Rev. B* **84** (2011) 03 5118 (16). [\[DOI\]](#)
34. **A.GĄGOR, A.Piecha, R.Jakubas, A.Miniewicz,**  
**Crystal Structure and Characterization of a Novel Acentric Imidazolium Analog [C<sub>3</sub>N<sub>2</sub>H<sub>5</sub><sup>+</sup>][Br<sup>-</sup>].**  
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35. **A.GĄGOR, A.WAŚKOWSKA, Z.Czapla, S.Dacko,**  
**Structural Phase Transitions in tetra(Isopropylammonium) Decachlorotricadmate(II) [(CH<sub>3</sub>)<sub>2</sub>CHNH<sub>3</sub>]<sub>4</sub>Cd<sub>3</sub>Cl<sub>10</sub> Crystal with a Two-Dimensional Cadmium(II) Halide Network.**  
*Acta Cryst. B* **67**<sub>2</sub> (2011) 122–29. [\[DOI\]](#)
36. D.Gajda, A.Morawski, **A.ZALESKI, T.Cetner, A.Presz,**  
**Zwiększenie krytycznej gęstości prądu w nadprzewodnikowym drucie NbTi.** [Enhancement of the Critical Current Density in Superconducting NbTi Wire.]  
*Przegl. Elektrotechn.* **87**<sub>6</sub> (2011) 209–13 [in Polish].
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 L.E.Bausá,  
**Arrays of Micro-Cavities Activated with Laser Ions.**  
*J. Lumin.* **131**<sub>3</sub> (2011) 382–85. [\[DOI\]](#)  
 17th Int.Conf.on Dynamical Processes in Excited States of Solids (DPC'10) ARGONNE, IL, 2010.06 20–25
38. L.Gerward, J.Staun Olsen, **A.WAŚKOWSKA,**  
**Thermoelastic Properties of Zn<sub>3</sub>P<sub>2</sub>.**  
*High Pres. Res.* **31**<sub>1</sub> (2011) 39–42. [\[DOI\]](#)  
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**Magnetic and Transport Properties of RCr<sub>0.3</sub>Ge<sub>2</sub> (R = Tb, Dy, Ho, and Er) Compounds.**  
*J. Solid State Chem.* **184**<sub>2</sub> (2011) 227–35. [\[DOI\]](#)
40. K.GOFRYK, **D. KACZOROWSKI, T. PLACKOWSKI<sup>†</sup>, A.Leithe-Jasper, Yu.Grin,**  
**Magnetic and Transport Properties of Rare-Earth-Based Half-HEUSLER Phases RPdBi : Prospective Systems for Topological Quantum Phenomena.**  
*Phys. Rev. B* **84** (2011) 03 5208 (6). [\[DOI\]](#)

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**Single-Crystal Study on the Heavy-Fermion Antiferromagnet  $UZn_{12}$** .  
*J. Phys. Cond. Matt.* **23** (2011) 04 5602 (8). [\[DOI\]](#)
42. Ł.Gondek, **D. KACZOROWSKI**, B.Penc, S.Baran, A.Szytuła, A.Hoser,  
**On the Low-Temperature Properties of  $TmCo_2Ge_2$** .  
*J. Magn. Magn. Mater.* **323**<sub>18/19</sub> (2011) 2369–73. [\[DOI\]](#)
43. Ł.Gondek, **D. KACZOROWSKI, A.P. PIKUL**, A.Szytuła,  
**Magnetic Phase Transitions in  $RCu_2Ge_2$  ( $R = Dy - Tm$ ) Intermetallics**.  
*Intermetallics* **19**<sub>7</sub> (2011) 964–69. [\[DOI\]](#)
44. Ł.Grobelny, W.A.Pisarski, J.Pisarska, **R. LISIECKI, W. RYBA-ROMANOWSKI**,  
**Up-conversion Processes of Rare Earth Ions in Heavy Metal Glasses**.  
*J. Rare Earths* **29**<sub>12</sub> (2011) 1192–94. [\[DOI\]](#)  
*2nd Int.Conf.on Rare Earth Materials (REMAT) Advances in Synthesis, Studies and Applications*, WROCŁAW, PL, 2011.06 13–15
45. A.Grytsiv, **D. KACZOROWSKI, CZ. MARUCHA**, P.Rogl,  
**Effect of Th Doping on Superconductivity in  $CePt_3Si$** .  
*J. Alloy. Compd.* **509**<sub>17</sub> (2011) 5216–18. [\[DOI\]](#)
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**Anisotropic Magnetic Order of the Eu Sublattice in Single Crystals of  $EuFe_{2-x}Co_xAs_2$  ( $x = 0, 0.2$ ) Studied by Means of Magnetization and Magnetic Torque**.  
*Phys. Rev. B* **84** (2011) 14 4506 (11). [\[DOI\]](#)
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**Muon-Spin Rotation Measurements of the Magnetic Penetration Depth in the Iron-Based Superconductor  $Ba_{1-x}Rb_xFe_2As_2$** .  
*Phys. Rev. B* **84** (2011) 09 4513 (7). [\[DOI\]](#)
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**Disordered  $La_3Cu_{4.88}Se_7$** .  
*Acta Cryst. C* **67**<sub>3</sub> (2011) i24–26. [\[DOI\]](#)
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**Crystal Structure of  $Cu_2Se$** .  
*Chem. Met. Alloys* **4**<sub>3/4</sub> (2011) 200–5.
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**Spectroscopic Behavior of  $Nd^{3+}$  in a New Microcrystalline  $ZnY_4W_3O_{16}$  Tungstate**.  
*Opt. Mater.* **34**<sub>2</sub> (2011) 487–95. [\[DOI\]](#)  
*7th European-Israeli Worksh.on Materials for and by Optics*, VILLEURBANNE, FR, 2010.12 08–09
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**Polarized IR and RAMAN Spectra, Temperature Dependence of Phonons and Lattice Dynamic Calculations for  $M'_2M''Ge_2O_7$  Pyrogermanates ( $M' = Sr, Ba; M'' = Mg, Zn$ )**.  
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**Optical Amplification Properties of  $Dy^{3+}$ -Doped  $Gd_2SiO_4$ ,  $Lu_2SiO_5$ , and  $YAl_3(BO_3)_4$  Single Crystals**.  
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**The Crystal Structure, Infrared, RAMAN and Density Functional Studies of bis(2-Aminophenyl) Diselenide.**  
*Polyhedron* **30**<sub>15</sub> (2011) 2466–72. [\[DOI\]](#)
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**Vibrational Spectra and Reinvestigation of the Crystal Structure of a Polymeric Copper(II)–Orotate Complex, [Cu(μ–HOR)(H<sub>2</sub>O)<sub>2</sub>]<sub>n</sub> : The Performance of New DFT Methods, M06 and M05-2X, in Theoretical Studies.**  
*Vib. Spectr.* **55**<sub>2</sub> (2011) 207–15. [\[DOI\]](#)
54. B.Hilczer, E.Markiewicz, K.Pogorzelec-Glaser, M.Połomska, **A.PIETRASZKO**,  
**Dielectric Relaxation in Confined Ferroelectric Polymer.**  
*Ferroelectrics* **417**<sub>1–4</sub> (2011) 124–35. [\[DOI\]](#)  
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**Enhancement of Luminescence Properties of Eu<sup>3+</sup> : YVO<sub>4</sub> in Polymeric Nanocomposites upon UV Excitation.**  
*J. Lumin.* **131**<sub>3</sub> (2011) 473–76. [\[DOI\]](#)  
*17th Int.Conf.on Dynamical Processes in Excited States of Solids (DPC '10)* ARGONNE, IL, 2010.06 20–25
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**Comment on “Colossal dielectric and magnetodielectric effect in Er<sub>2</sub>O<sub>3</sub> nanoparticles embedded in a SiO<sub>2</sub> glass matrix.” [by S.Mukherjee, *et al.*]**  
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**Fabrication and Optical Studies of SERS-Active Gold Nanorods for Detection of CdSe Quantum Dots.** (O)  
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**A Comparative Studies of the Structure Evolution and Luminescence Properties of Tb<sup>3+</sup>-Doped LaXO<sub>3</sub>, X = Al<sup>3+</sup>, Ga<sup>3+</sup>, In<sup>3+</sup> Oxide Series Obtained by Different Approaches.** (P)  
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**Luminescence Peculiarities of the Rare-Earth Doped ABO<sub>3</sub> (A = Ba<sup>2+</sup>, Ca<sup>2+</sup>, Sr<sup>2+</sup>, La<sup>3+</sup>; B = Ti<sup>4+</sup>, Al<sup>3+</sup>, Ga<sup>3+</sup>, In<sup>3+</sup>) Mixed Metal Oxides.** (P)  
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 [Disorder Phenomena Leading to Superstructures and Modulation – A Short Introduction for Beginners.] (L)  
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**Magnetic, Electrical and Thermodynamic Properties of UCuT<sub>x</sub>Al<sub>11-x</sub> Alloys, where T = Mn, Fe and x = 4 and 5.** (C)  
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**Hydrocarbon Chain Conformation and Phase Transitions in Complexes of Fatty Acid with Cetyltrimethylammonium Bromide.** (P)  
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**Charakter magnetycznych przejść fazowych w związkach  $RCu_2X_2$  ( $R = Gd - Er$ ;  $X = Si, Ge$ ).**  
 [Characteristics of Magnetic Phase Transitions in  $RCu_2X_2$  Compounds  
 ( $R = Gd - Er$ ;  $X = Si, Ge$ )] (L)  
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