

LISTA PUBLIKACJI 2009 LIST of PUBLICATIONS

KSIĄŻKI, MONOGRAFIE i ARTYKUŁY PRZEGLĄDOWE BOOKS, MONOGRAPHS & REVIEWS

1. **R. Troć,**

6.β Actinide monochalcogenides.

In: *Landolt–Börnstein Numerical Data and Functional Relationship in Science and Technology, New Series*, ed. by W.Martienssen, Group III: *Condensed Matter*, Vol. 27: *Magnetic Properties of Non-Metallic Inorganic Compounds Based on Transition Elements*, ed. by H.P.J. Wijn, Subvol. B *Pnictides and Chalcogenides III* (Berlin: Springer-Vg 2009) Pt 6β, X + 574 pp.

ARTYKUŁY W CZASOPISMACH NAUKOWYCH ARTICLES IN SCIENTIFIC JOURNALS

2. L.C.Alves, M.M.M.Rubinger, R.H.Lindemann, G.J.Perpétuo, **J. JANCZAK**, L.D.L.Miranda, L.Zambolim, M.R.L.Oliveira,
Syntheses, Crystal Structure, Spectroscopic Characterization and Antifungal Activity of New N-R-Sulfonyldithiocarbamate Metal Complexes.
J. Inorg. Biochem. **103**₇ (2009) 1045–53. [\[DOI\]](#)
3. R.Acevedo, A.Soto-Bubert, M.E.G.Valerio, **W. STREK**,
On the Theory of Interaction Potentials in Ionic Crystals: An Application to the Thermodynamics of Lanthanide Type Crystals.
Asian J. Spectrosc. **13**₁ (2009) 43–65.
4. L.G.Akselrud, I.A.Ivashchenko, O.F.Zmiy, I.D.Olekseyuk, **J. STEPIEŃ-DAMM**,
Description of Concentration Polytypism in Cd_{1-x}Cu_xIn₂Se₄ by Commensurately Modulated Structures.
Chem. Met. Alloys **2**_{1/2} (2009) 108–14.
5. Tran Kim Anh, Dinh Xuan Loc, Lam thi Kieu Giang, **W. STREK**, Le Quoc Minh,
Preparation, Optical Properties of ZnO, ZnO : Al Nanorods and Y(OH)₃ : Eu Nanotube.
J. Phys. Conf. Ser. **146** (2009) 01 2001 (5). [\[DOI\]](#)
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6. Tran Kim Anh, Man Hoai Nam, Dinh Xuan Loc, Nguyen Vu, **W. STREK**, Le Quoc Minh,
Preparation and Optical Properties of ZnO, ZnO : Al Nanomaterials.
J. Phys. Conf. Ser. **187** (2009) 01 2019 (5). [\[DOI\]](#)
APCTP–ASEAN Worksh.on Advanced Materials Science and Nanotechnology (AMSN'08) NHA TRANG City, VN, 2008.09 15–21
7. **V.A.APINYAN, T.K. KOPEĆ,**
Emergence of Pairing Interaction in the HUBBARD Model in the Strong Coupling Limit.
J. Supercond. Nov. Magn. **22**₁ (2009) 57–61. [\[DOI\]](#)
Int.Conf.on Quantum Phenomena in Complex Matter (Stripes '08) ERICE (Sicily) IT, 2008.07 26 –.08 01

8. **J. BARAN, M. DROZD, H. RATAJCZAK, A. PIETRASZKO,**
***Bis* (Glycine) Lithium Nitrate — A New Non-Centrosymmetric Crystal. X-Ray Structure, Vibrational Spectra and DSC Investigations.**
J. Mol. Struct. **927**_{1–3} (2009) 43–53. [\[DOI\]](#)
9. S. Baran, A. Hoser, **D. KACZOROWSKI,** K. Kiefer, B. Penc, A. Szytuła,
Low Temperature Magnetic Order in HoFe₂Ge₂.
Solid State Commun. **149**_{31/32} (2009) 1261–63. [\[DOI\]](#)
10. S. Baran, **D. KACZOROWSKI,** A. Arulraj, B. Penc, A. Szytuła,
Frustrated Magnetic Structure of TmAgGe.
J. Magn. Magn. Mater. **321**₁₉ (2009) 3256–61. [\[DOI\]](#)
11. V. A. Beloshenko, V. P. D'yakonov, V. V. Chishko, N. I. Matrosov, O. N. Mironova, D. Gajda, **A. J. ZALESKI,**
R. Puźniak,
Effect of Deformation by Equal-Channel Multi-angle Pressing on Functional Properties of NbTi-Based Superconductor.
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12. V. A. Beloshenko, N. I. Matrosov, V. V. Chishko, V. Z. Spuskanyuk, E. A. Pavlovskaya, L. F. Sennikova,
E. A. Medvedskaya, O. N. Mironova, D. Gajda, V. P. D'yakonov, **A. J. ZALESKI,** R. Puźniak,
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13. В. А. Белошенко, Н. И. Матросов, В. В. Чижко, В. П. Дьяконов, Е. А. Павловская,
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14. V. A. Beloshenko, T. E. Konstantinova, N. I. Matrosov, V. Z. Spuskanyuk, V. V. Chishko, D. Gajda,
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15. T. Bezrodna, G. Puchkowska, V. Styopkin, **J. BARAN,**
Structure of Cetyltrimethylammonium Bromide Films Obtained by Evaporation-Induced Precipitation Method.
Thin Solid Films **517**₅ (2009) 1759–64. [\[DOI\]](#)
16. R. Bilyy, A. Tomyń, Y. Kit, A. Podhorodecki, J. Misiewicz, M. Nyk, **W. STRĘK,** R. Stoika,
Detection of Dying Cells Using Lectin-Conjugated Fluorescent and Luminescent Nanoparticles.
Mat.-wiss. Werkstofftechn. **40**₄ (2009) 234–37. [\[DOI\]](#)
17. M. Bleckmann, A. Buchsteiner, N. Stüßer, **K. GOFRYK, D. KACZOROWSKI,** S. Süllow,
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18. A. Chuchmała, **R. J. WIGLUSZ, B. MACALIK, P. GŁUCHOWSKI,** B. Mazurek, **W. STRĘK,**
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19. H.Ciurla, **J. HANUZA**, Z.Talik, M.Korabik, J.Mroziński,
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20. **M. DASZKIEWICZ**, L.D.Gulay, O.S.Lychmanyuk,
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21. **M. DASZKIEWICZ**, L.D.Gulay, O.S.Lychmanyuk, **A.PIETRASZKO**,
Crystal Structures of the $R_3Ag_{1-\delta}TSe_7$ ($R = La-Nd, Sm, Gd-Dy$, $\delta = 0 - 0.30$; $T = Ge, Si$) Compounds.
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22. **P.J. DEREŃ**, R.Mahiou, Ph.Goldner,
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23. В.М.Дмитриев, Е.Н.Хацько, А.В.Терехов, А.И.Рыкова, А.С.Черный, Д.С.Кондрашев,
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24. V.M.Dmitriev, I.E.Kostyleva, E.P.Khlybov, **A.ZALESKI**, A.V.Terekhov, L.F.Rybaltchenko,
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26. **G. DOMINIAK-DZIK**,
Praseodymium-Doped $NaYF_4$ Nanocrystals in Oxyfluoride Glass-Ceramics: Morphological and Spectroscopic Studies.
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27. **G. DOMINIAK-DZIK**, **W. RYBA-ROMANOWSKI**, **R. LISIECKI**, I.Földvári, E.Beregi,
 $YAl_3(BO_3)_4 : Yb \& Tm$ – A Nonlinear Crystal: Up- and Down-Conversion Phenomena and Excited State Relaxations.
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29. **H. DRULIS**,
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33. W. Gac, A. Denis, T. Borowiecki, L. KĘPIŃSKI,
Methane Decomposition over Ni–MgO–Al₂O₃ Catalysts.
Appl. Catal. A **357**₂ (2009) 236–43. [DOI]
34. P. Gaczyński, A. PIKUL, W. SUSKI, O. Sologub, K. WOCHOWSKI, J.C. Waerenborgh,
X-ray Diffraction and MÖSSBAUER Effect Study of Site Occupation and Magnetic Properties
in $\text{UCu}_x\text{Fe}_{5-x}\text{Al}_7$ ($x = 2, 3.5$) Alloys.
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35. A. GAĞOR,
Penta-potassium Praseodymium(III) Di-lithium Deca-fluoride, $\text{K}_5\text{PrLi}_2\text{F}_{10}$.
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38. D. Gajda, A. Morawski, A. Presz, A. ZALESKI, A. Kario,
The Comparison of Current Densities of the NbTi/Cu Multifilament Wires with MgB_2/Fe
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44. **P. GŁUCHOWSKI, R. PAZIK, D. HRENIAK, W. STREK,**
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48. **R. HORYŃ, R. KLIMKIEWICZ,**
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49. **D. HRENIAK, M.Bettinelli, A.Speghini, A.ŁUKOWIAK, P. GŁUCHOWSKI, R. WIGLUSZ,**
The f–f Emission of Pr³⁺ Ion as an Optical Probe for the Structural Properties of YAG Nanoceramics.
J. Nanosci. Nanotechn. **9**₁₁ (2009) 6315–19. [DOI]
50. A.Huczyński, **J. JANCZAK, B.Brzezinski,**
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52. T.I.Ivanova, S.A.Nikitin, **W. SUSKI, G.A.Tskhadadze, I.A.Ovtchenkova, D. BADURSKI,**
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54. **J. JANCZAK, R. KUBIAK,**
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Textile with Silver Silica Spheres: Its Antimicrobial Activity Against *Escherichia coli* and *Staphylococcus aureus*.
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Ferromagnetic Ordering in $UNiSi_2$ and Possible Ferromagnetic Quantum Criticality in $UCoSi_2$: Single Crystals Investigations. (C)
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Heavy-Fermion Superconductivity in Ce₂PdIn₈. (C)
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Magnesium(II) Phthalocyanine Coordination Compounds with 3,4- and 3,5-Lutidines. (L)
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**Remarks on the Superconducting and Magnetic States of the 1212-type Ruthenocuprates Based
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**The Superconducting and Magnetic States in RuSr₂GdCu₂O₈, Based on the Magnetocaloric,
 Magnetic and Transport Characteristics.** (C)
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