

LISTA PUBLIKACJI 2013

LIST of PUBLICATIONS

ARTYKUŁY W CZASOPISMACH NAUKOWYCH

ARTICLES IN SCIENTIFIC JOURNALS

1. A.Adach, **M. DASZKIEWICZ**, M.Duczmal, Z.Staszak,
Cobalt(II) Complex Containing Two-Ring Scorpionate-Like Ligands Formed *in situ*. Studies on the [Co⁰-1-hydroxymethyl-3,5-dimethylpyrazole-MoO₃ — NH₄I] System.
Inorg. Chem. Commun. **35** (2013) 22–26. [\[DOI\]](#)
2. L.Adamczyk, K.Giza, **A.HACKEMER**, **H. DRULIS**, H.Bala,
The Influence of the Technology of Fabrication of La₂Ni₈CoMg-Based Aluminium- or Indium-Doped Alloys on Their Electrochemical Properties.
Ochr. Koroz. **56** 11 (2013) 561–only.
17th All-Polish Corrosion Symp.on New Achievements in Corrosion Research and Engineering (369th EFC Event)
JASTRZĄB-PORAJ, PL, 2013.11 27–29
3. О.А.Алексеева, А.М.Антипин, **A.GĄGOR**, **A.PIETRASZKO**, Н.Е.Новикова, Н.И.Сорокина, Е.П.Харитонова, В.И.Воронкова,
Кристаллическая структура монокристаллов La₂Mo₂O₉ , допированных ванадием.
[Single-Crystal Structure of Vanadium-Doped La₂Mo₂O₉.]
Кристаллография **58** 6 (2013) 830–35 [in Russian]. Engl.in: *Crystallogr. Rep.* **58** 6 (2013) 829–34. [\[DOI\]](#)
4. L.de C. Alves, M.M.M.Rubinger, E.do C.Tavares, **J.JANCZAK**, E.B.A.V.Pacheco, L.L.Y.Visconte, M.R.L.Oliveira,
Syntheses, Spectroscopic Characterization, Crystal Structure and Natural Rubber Vulcanization Activity of New Disulfides Derived from Sulfonyldithiocarbimates.
J. Mol. Struct. **1048** (2013) 244–51. [\[DOI\]](#)
5. V.Arjunan, A.Jayaprakash, R.Santhanam, **M.K. MARCHEWKA**, S.Mohan,
Electronic Structure Simulations of 2,6-Dimethyl-2,5-heptadien-4-one by FTIR, FT-RAMAN, NMR, UV-VIS, NBO and Density Functional Theory.
Mol. Simul. **39** 3 (2013) 185–98. [\[DOI\]](#)
6. V.Arjunan, M.Kalaivani, **M.K. MARCHEWKA**, S.Mohan,
Crystal Structure, Vibrational and DFT Simulation Studies of Melaminium Dihydrogen Phosphite Monohydrate.
J. Mol. Struct. **1045** (2013) 160–70. [\[DOI\]](#)
7. V.Arjunan, M.Kalaivani, **M.K. MARCHEWKA**, S.Mohan,
Structural and Vibrational Spectral Investigations of Melaminium Maleate Monohydrate by FTIR, FT-RAMAN and Quantum Chemical Calculations.
Spectrochim. Acta A **107** (2013) 90–101. [\[DOI\]](#)
8. V.Arjunan, A.Raj, R.Santhanam, **M.K. MARCHEWKA**, S.Mohan,
Structural, Vibrational, Electronic Investigations and Quantum Chemical Studies of 2-Amino-4-Methoxybenzothiazole.
Spectrochim. Acta A **102** (2013) 327–40. [\[DOI\]](#)

9. V.Arjunan, S.Sakiladevi, **M.K. MARCHEWKA**, S.Mohan,
FTIR, FT-RAMAN, FT-NMR and Quantum Chemical Investigations of 3-Acetylcoumarin.
Spectrochim. Acta A **109** (2013) 79–89. [\[DOI\]](#)
10. V.Arjunan, R.Santhanam, S.Sakiladevi, **M.K. MARCHEWKA**, S.Mohan,
Synthesis and Characterization of an Anticoagulant 4-Hydroxy-1-thiocoumarin by FTIR, FT-RAMAN, NMR, DFT, NBO and HOMO-LUMO Analysis.
J. Mol. Struct. **1037** (2013) 305–16. [\[DOI\]](#)
11. S.Baran, **D. KACZOROWSKI**, A.Szytuła, A.Gil, A.Hoser,
Magnetic Structures and Physical Properties of Tm₃Cu₄Ge₄ and Tm₃Cu₄Sn₄.
J. Phys.: Cond. Matt. **25** (2013) 066012 (9). [\[DOI\]](#)
12. Т.В.Безродная, В.В.Несправа, С.В.Томилко, И.Т.Чашечникова, **J. BARAN**,
Влияние межфазных взаимодействий на электрооптические свойства гетерокомпозитов жидкий кристалл 5ЦБ — органомодифицированные монтмориллониты, содержащие углеродные нанотрубки. [Influence of Interphase Interactions on Electro-Optical Properties of Heterocomposites of 5CB Liquid Crystal and Organomodified Montmorillonites Doped with Carbon Nanotubes.]
Ж. Прикл. Спектр. **80** ₂ (2013) 239–46 [in Russian]. Engl. in: *J. Appl. Spectr.* **80** ₂ (2013) 232–39. [\[DOI\]](#)
13. M.J.Białek, **J. JANCZAK**, J.Zoń,
Naphthalene-Based Linkers for Metal Phosphonates: Synthesis, Structure, and Interesting Conformational Flexibility Influence on Final Lanthanum Hybrids.
Cryst Eng Com **15** ₂ (2013) 390–99. [\[DOI\]](#)
14. M.J.Białek, J.K.Zaręba, **J. JANCZAK**, J.Zoń,
Chains, Layers, Channels, and More: Supramolecular Chemistry of Potent Diphenophonic Tectons with Tuned Flexibility. The Generation of Pseudopolymorphs, Polymorphs, and Adducts.
Cryst. Growth Des. **13** ₉ (2013) 4039–50. [\[DOI\]](#)
15. J.Binoy, **M.K. MARCHEWKA**, V.S.Jayakumarc,
The ‘Partial Resonance’ of the Ring in the NLO Crystal Melaminium Formate: Study Using Vibrational Spectra, DFT, HOMO-LUMO and MESP Mapping.
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16. B.S.Blagoev, T.K.Nurgaliev, V.Štrbik, E.S.Mateev, **A.J. ZALESKI**,
Magnetic and Transport Parameters of LSMO and YBCO/LSMO Films Deposited on Sapphire Substrates.
Bulg. J. Phys. **40** ₄ (2013) 337–47.
17. B.S.Blagoev, S.D.Terzieva, T.K.Nurgaliev, B.L.Shivachev, **A.J. ZALESKI**, V.Mikli, A.D.Staneva, A.K.Stoyanova-Ivanova,
Magnetic and Transport Characteristics of Oxygenated Polycrystalline La_{0.6}Pb_{0.4}MnO₃.
J. Magn. Magn. Mater. **329** (2013) 34–38. [\[DOI\]](#)
18. A.O.Bryhas, V.S.Matiychuk, T.Lis, **V. KINZHIBALO**, V.V.Smalius, M.D.Obushak,
A Four-Step Domino KNOEVENAGEL–Hetero–DIELS–ALDER Reaction.
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19. B.Brzostowski, **R. LEMAŃSKI**, T.Ślusarski, D.Tomecka, G.Kamieniarz,
Chromium-Based Rings within the DFT and FALICOV–KIMBALL Model Approach.
J. Nanopart. Res. **15** ₄ (2013) #1528 (12). [\[DOI\]](#)
20. B.E.Buitendach, **A.GĄGOR**, J.C.Swarts,
Electrochemical Evidence of Intramolecular Electronic Communication in Zr and Hf Phthalocyanines Bearing Ferrocene-Containing β-Diketonato Axial Ligands: Structure of [PcHf(FcCOCHCOC₆H₅)₂].
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J. Korean Phys. Soc. **62**₁₀ (2013) 1555–57. [\[DOI\]](#)
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22. T. CICHOREK, Ł. BOCHENEK, R. WAWRYK, Z. HENKIE,
 Indications of a Magnetic-Field-Driven Anisotropy in the Hybridization Gap Semiconductor
 $\text{CeOs}_4\text{As}_{12}$.
phys. stat. sol. (b) **250**₃ (2013) 646–49. [\[DOI\]](#)
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23. B. CICHY, A. BEDNARKIEWICZ, W. STRĘK,
 The Study of Time-Resolved Collective Emission of CuInS_2 Quantum Dots in Colloidal Solutions.
J. Opt. **15** (2013) 085303 (5). [\[DOI\]](#)
24. B. CICHY, D. Wawryńczyk, A. BEDNARKIEWICZ, M. Samoc, W. STRĘK,
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 for Near-Infrared Biodetection.
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26. M.N. Coelho, P.T.C. Freire, M. MĄCZKA, C. Luz-Lima, G.D. Saraiva, W. Paraguassu, A.G. Souza Filho,
 P.S. Pizani,
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Vib. Spectr. **68** (2013) 34–39. [\[DOI\]](#)
27. A.W. Cyganiuk, R. KLIMKIEWICZ, A. Olejniczak, A. Kucińska, J.P. Łukaszewicz,
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29. M. DASZKIEWICZ,
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Cryst Eng Comm **15**₄₈ (2013) 10427–30. [\[DOI\]](#)
30. M. DASZKIEWICZ,
 Elementary Graph-Set Descriptors in Crystal Structure Comparison
 of 2-Methyl-4-Nitroanilinium Hexachloridostannate(IV), Bromide and Two
 Noncentrosymmetric Chlorides. X-ray, Vibrational and Theoretical Studies.
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 Hexachloridostannate(IV) Monohydrate.
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32. M. Demchyna, B. Belan, M. Manyako, L. Akselrud, A. GĄGOR, M. Dzevenko, Ya. Kalychak,
 Phase Equilibria in the Dy–Fe–In System and Crystal Structure of $\text{Dy}_6\text{Fe}_{1.72}\text{In}$.
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33. D.Dobrzyńska, J.Kubiak, **J. JANCZAK**, J.Zoń,
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36. **M. DROZD, D. DUDZIC, A.PIETRASZKO**,
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37. L.Dymińska, Z.Węgliński, **A.GĄGOR**, **J. HANUZA**,
Structural and Vibrational Properties of Imidazo[4,5-c]pyridine, a Structural Unit in Natural Products.
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38. D.Dziadkowiec, K.Kramarz, K.Kanik, **P. WIŚNIEWSKI**, A.M.Carr,
Involvement of *Schizosaccharomyces pombe* rrp1⁺ and rrp2⁺ in the Srs2- and Swi5 / Sfr1-Dependent Pathway in Response to DNA Damage and Replication Inhibition.
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39. H.Fukazawa, R.Nagashima, S.Shimatani, Y.Kohori, **D. KACZOROWSKI**,
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40. D.Gajda, A.Morawski, **A.ZALESKI**, T.Cetner, **M. MAŁECKA**, A.Presz, M.Rindfleisch, M.Tomsic, C.J.Thong, P.Surdacki,
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New Multifunctional Phosphonic Acid for Metal Phosphonate Synthesis.
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Molecular Dynamics and Phase Transitions Behavior of Binary Mixtures of Fatty Acids and Cetyltrimethylammonium Bromide as Studied via DAVYDOV Splitting of Molecular Vibrational Modes.
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46. **P. GŁUCHOWSKI, W. STREK,**
Luminescence and Excitation Spectra of Cr³⁺ : MgAl₂O₄ Nanoceramics.
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47. **P. GŁUCHOWSKI, W. STREK,**
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48. **D. GNIDA, D. KACZOROWSKI,**
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Metamagnetism in CePd₅Ge₃.
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50. P.Godlewska, E.Tomaszewicz, **L.MACALIK, J.HANUZA, M.PTAK, P.E.TOMASZEWSKI, M. MĄCZKA**, P.Ropuszyńska-Robak,
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The Order-Parameter Symmetry and FERMI Surface Topology of 122 Fe-Based Superconductors: A Point-Contact ANDREEV-Reflection Study.
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53. T.Grzyb, A.Gruszczka, **R.J. WIGLUSZ**, S.Lis,
The Effects of Down- and Up-conversion on Dual-Mode Green Luminescence from Yb³⁺- and Tb³⁺-Doped LaPO₄ Nanocrystals.
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54. Z.Guguchia, A.Shengelaya, A.Maisuradze, L.Howald, **Z. BUKOWSKI**, M.Chikovani, H.Luetkens, S.Katrych, J.Karpinski, H.Keller,
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55. K.Hashimoto, Y.Mizukami, R.Katsumata, H.Shishido, M.Yamashita, H.Ikeda, Y.Matsuda, J.A.Schlüter, J.D.Fletcher, A.Carrington, **D. GNIDA, D. KACZOROWSKI**, T.Shibauchi,
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57. Y.I.Horak, R.Z.Lytvyn, F.I.Zubkov, E.V.Nikitina, Y.V.Homza, T.Lis, **V. KINZHIBALO**, M.D.Obushak,
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60. **W. IWASIECZKO, D. KACZOROWSKI**,
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63. **J. JANCZAK, R. KUBIAK**,
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64. **J. JANCZAK, R. KUBIAK**, J.Lisowski,
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65. W.T.Jin, S.Nandi, Y.Xiao, Y.Su, O.Zaharko, Z.Guguchia, **Z. BUKOWSKI**, S.Price, W.H.Jiao, G.H.Cao, Th.Brückel,
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Ultramicroscopy **133** (2013) 80–87. [\[DOI\]](#)
67. S.M.Kaczmarek, H.Fuks, T.Skibiński, G.Leniec, **J. HANUZA**, **L.MACALIK**, A.Majchrowski,
Ho³⁺ Complexes in KHo(WO₄)₂ Single Crystals.
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68. S.M.Kaczmarek, G.Leniec, T.Bodziony, H.Fuks, T.Skibiński, **J. HANUZA, L.MACALIK**, Magnetic Properties of KGd(WO₄)₂ Single Crystal Studied by EPR Spectroscopy. *J. Mater. Sci. Res.* **2**₃ (2013) 23–32. [\[DOI\]](#)
69. **D. KACZOROWSKI**, E.Murashova, Zh.Kurenbaeva, Antiferromagnetic Ordering in an Intermediate Valence Compound Ce₉Ru₄Ga₅. *J. Alloy. Compd.* **557** (2013) 23–26. [\[DOI\]](#)
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