

LISTA PUBLIKACJI 2006 LIST of PUBLICATIONS

KSIĄŻKI, MONOGRAFIE i ARTYKUŁY PRZEGLĄDOWE BOOKS, MONOGRAPHS & REVIEWS

1. **J. OKAL, L. KĘPIŃSKI,**
Structure and Activity of the Rhenium in the Re/ α -Al₂O₃ Catalysts.
In: *Focus in Catalysis Research*, ed. by L.P.Bevy (New York: Nova Sci.Publ. 2006) Ch. 2, pp. 21–58.
2. **W. SUSKI, K. WOCHOWSKI, A.Gilewski, T.Mydlarz, D. BADURSKI,**
Magnetic and Electrical Properties of UCu₃M₂Al₇ Alloys.
In: *Recent Advances in Actinide Science*, ed. by I.May, R.Alvares & N.Bryan (Cambridge: Royal Society of Chemistry 2006) pp. 797–9.

ARTYKUŁY W CZASOPISMACH NAUKOWYCH ARTICLES IN SCIENTIFIC JOURNALS

3. J.Amami, Y.Guyot, Ch.Goutaudier, G.Boulon, M.Ayadi, **D. HRENIAK, R. PAZIK, W. STRĘK,**
Second Harmonic Generation and Yb³⁺ Cooperative Emission as Unusual Ways to Probe Phase Transitions in BaTiO₃ Sol–Gel Nanocrystals.
J. Phys. IV **135** (2006.10) 345–48. [\[DOI\]](#)
9ème Colloque sur les lasers et l’optique quantique [9th Coll.on Lasers & Quantum Optics] DIJON, FR, 2005.09 07–09
4. J.Amami, **D. HRENIAK, Y.Guyot, R. PAZIK, Ch.Goutaudier, G.Boulon, M.Ayadi, W. STRĘK,**
Second Harmonic Generation and Yb³⁺ Cooperative Emission Used as Structural Probes in Size-Driven Cubic–Tetragonal Phase Transition in BaTiO₃ Sol–Gel Nanocrystals.
J. Lumin. **119/120** (2006.07–10) 383–87. [\[DOI\]](#)
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5. Г.Р.Асатрян, В.С.Вихнин, .И.Максимова, **М. MAĆZKA, K. HERMANOWICZ, J. HANUZA,**
ЭПР и оптическая спектроскопия сегнетоэластиков K₃Na(CrO₄)₂, активированных молекулярными примесными ионами MnO₄²⁻. [EPR and Optical Spectroscopy of K₃Na(CrO₄)₂ Ferroelastics Activated by MnO₄²⁻ Molecular Impurity Ions.]
Физ. Тверд. Тела **48**₆ (2006) 1035–37 [in Russian]. Engl.in: *Phys. Solid State* **48**₆ (2006) 1099–101. [\[DOI\]](#)
17th All-Russ.Conf.on the Physics of Ferroelectrics (VKS-17) PENZA, RU, 2005.06 26 –.07 01
6. L.M.Babkov, **J. BARAN, N.A.Davydova, V.I.Mel’nik, K.E.Uspenskiy,**
RAMAN Spectra of Metastable Phase of Benzophenone.
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7. L.M.Babkov, **J. BARAN, N.A.Davydova, A.PIETRASZKO, K.E.Uspenskiy,**
Vibrational Spectra and Structure Modelling of the H-Complexes in 2-Biphenylmethanol Using B3LYP/6-31G(d) Method.
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8. L.M.Babkov, **J. BARAN**, N.A.Davydova, K.E.Uspenskiy,
Modeling of the Structure and Vibrational Spectra of 2-Biphenylmethanol Using B3LYP Method.
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9. **J. BARAN**, N.A.Davydova, **M. DROZD**,
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10. **J. BARAN**, N.A.Davydova, **M. DROZD**, **A.PIETRASZKO**,
Experimental Evidence of Formation of a New Phase in Supercooled Liquid 2-Biphenylmethanol.
J. Phys. Cond. Matt. **18**₂₄ (2006) 5695–702. [\[DOI\]](#)
11. **J. BARAN**, Yu.A.Pasechnik, K.V.Shportko, **M. TRZEBIATOWSKA-GUSOWSKA**, E.F.Venger,
RAMAN and FIR Reflection Spectroscopy of ZnP₂ and CdP₂ Single Crystals.
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15. S.Baran, F.Henkel, **D. KACZOROWSKI**, J.Hernández-Velasco, B.Penc, N.Stüßer, A.Szytuła,
E.Wawrzyńska,
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18. **A.BASZCZUK**,
Synthesis and Crystal Structure of Two Novel Layered Compounds Ba_3InBiO_{7-x} and Ba_4InBiO_{8-x} and Their Water-Containing Derivatives.
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21. D.Biały, J.Oleszko, **W. STRĘK**, H.Nowosad,
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22. **E. BOROŃSKI**,
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25. A.Cizman, **D. WŁOSEWICZ**, R.Poprawski, A.Sieradzki,
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26. B.A.Danilchenko, T.Paszkievicz, S.Wolski, **A. JEŻOWSKI**, **T. PŁACKOWSKI**,
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29. **P. DEREŃ**, Ph.Goldner, O.Guillot-Noël,
Green Up-conversion Emission in LaAlO₃ Crystal Doped with Holmium Ions.
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30. V.M.Dmitriev, L.F.Rybaltchenko, L.A.Ishchenko, E.V.Khristenko, Z. BUKOWSKI, **R. TROĆ**,
Energy Gap and Upper Critical Field of the New Magnetic Superconductor Mo₃Sb₇ Found by the ANDREEV Reflection Method.
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31. В.М.Дмитриев, А.В.Терехов, **W. SUSKI**,
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33. **M. DROZD**,
The Equilibrium Structures, Vibrational Spectra, NLO and Directional Properties of Transition Dipole Moments of Diguanidinium Arsenate Monohydrate and Diguanidinium Phosphate Monohydrate. The Theoretical DFT Calculations.
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35. **M. DROZD**, **J. BARAN**,
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38. **M.K. DRULIS**, **H. DRULIS**, S.Gupta, M.W.Barsoum, T.El-Raghy,
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46. F. Garrido, L. Nowicki, A. Stonert, **A. PIETRASZKO**, E. Wendler,
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51. **K. GOFRYK, D. KACZOROWSKI**,
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52. A. В. Гольцев, А. В. Голубков, И. А. Смирнов, **Н. MISIOREK, Cz. SUŁKOWSKI**,
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