Instytut Niskich Temperatur
i Badań Strukturalnych PAN

Wrocław, 2013.07 05

LISTA PUBLIKACJI 2012
LIST of PUBLICATIONS

KSIĄŻKI, MONOGRAFIE i ARTYKUŁY PRZEGLĄDOWE
Books, Monographs & Reviews

1. A.Cyganiuk, A.Olejniczak, A.Kucińska, **R. Klimkiewicz**, J.P.Łukaszewicz,

   ***Salix Viminalis* as a Source of Nanomaterials and Bioactive Natural Substances.**

   In: *Natural Polymers, Biopolymers, Biomaterials, and Their Composites, Blends, and IPNs*, ed. by Sabu Thomas, *et al.* [Series: *Advances in Materials Science*, Vol. 2] (Toronto: Apple Academic Press 2012) Ch. 9, pp. ???–??. [ISBN 978-1-92689-516-1]

2. E.Nazarova, K.Nenkov, **A.Zaleski**, K.Buchkov, A.Zahariev,

   Investigations of the Overdoped State in Polycrystalline $R_{1-x}Ca_xBa_2Cu_3O_7$ Samples (R = Y;Eu;Gd;Er).

   In: *Superconductivity: Theory, Materials and Applications*, ed. by Vladimir R. Romanovskii [Series: *Superconductivity Research and Applications*] (Hauppauge, NY: NOVA Sci. Publ. 2012) Ch. 5, pp. 327–62. [ISBN 978-1-61324-843-0]

ARTYKUŁY W CZASOPISMACH NAUKOWYCH
Articles in Scientific Journals

3. A.Adach, **M. Daszkiewicz**, M.Cieślak-Golonka,

   Cobalt(II) Scorpionate-Like Complexes Obtained from *in situ* Synthesized Ligand Created in [Co(0)-1-Hydroxymethyl-3,5-dimethylpyrazole-$VOSO_4$-NH_4SCN] System.

   Polyhedron **47**$_1$ (2012) 104–11. [DOI]

4. K.Adamczyk, A.Morawski, T.Cetner, **A.Zaleski**, D.Gajda, M.Rindfleisch, M.Tomsic, R.Diduszko, A.Presz,

   Superconducting Properties Comparison of SiC Doped Multifilamentary MgB_2 Wires of Various Sheaths (Cu, Monel, Glidcop) after High Pressure HIP Treatment.

   IEEE Tr. Appl. Supercond. **22**$_3$ (2012) #6200204 (?). [DOI]
   22nd Int.Conf.on Magnet Technology (MT), MARSEILLE, FR, 2011.09 12–16

5. L.Adamczyk, K.Giza, H.Bala, **H. Drulis**,

   Dyfuzyjność i efektywność elektrosorpcji wodoru w stopach La(Ni;Co;Al)$_5$ dotowanych cynkiem.
   [Diffusivity and Efficiency of Hydrogen Electrosorption for Zinc-Doped La(Ni, Co, Al)$_5$ Alloys.]

   Ochr. Koroz. **55**$_{11}$ (2012) 473–76 [in Polish].

6. L.Adamczyk, K.Giza, **H. Drulis**, H.Bala, **A.Hackemer**,

   Elektrosorpcja wodoru przez stopy na bazie $LaNi_{3.6}$(Co;Mn;Al)$_{1.2}In_{0.2}$.
   [Electrosorption of Hydrogen by Alloys Based on $LaNi_{3.6}(Co, Mn, Al)_{1.2}In_{0.2}$.]

   Ochr. Koroz. **55**$_4$ (2012) 182–84 [in Polish].
   XX Jubil.Konf.nauk.-techn.: Antykorozja: Systemy – Materiały – Powłoki [20th Polish Conf.on Corrosion Protection — Systems, Materials, Coatings] USTROŃ–JASZOWIEC, PL, 2012.03 21–23

7. O.A.Alekseeva, **A.B. Gągor**, **A.Pietraszko**, N.I.Sorokina, N.B.Bolotina, V.V.Artemov, E.P.Kharitonova, V.I.Voronkova,

   Crystal Structure of the Oxygen Conducting Compound $Nd_5Mo_3O_{16}$.

   Z. Kristallogr. **227**$_{12}$ (2012) 869–75. [DOI]

8. V.Arjunan, **M.K. Marchewka**, M.Kalaivani,

   Synthesis, Vibrational and Quantum Chemical Investigations of Hydrogen Bonded Complex Betaine Dihydrogen Selenite.

   Spectrochim. Acta A **96** (2012) 744–58. [DOI]

9. V.Arjunan, **M.K. Marchewka**, **A.Pietraszko**, M.Kalaivani,

   X-ray Diffraction, Vibrational and Quantum Chemical Investigations of 2-Methyl-4-nitroanilinium Trichloroacetate Trichloroacetic Acid.

   Spectrochim. Acta A **97** (2012) 625–38. [DOI]

10. V.Arjunan, I.Saravanan, **M.K. Marchewka**, S.Mohan,

    A Comparative Study on Vibrational, Conformational and Electronic Structure of 2-Chloro-4-Methyl-3-Nitropyridine and 2-Chloro-6-Methylpyridine.

    Spectrochim. Acta A **92** (2012) 305–17. [DOI]

11. H.Bala, I.Kukuła, **H. Drulis**, **A.Hackemer**,

    Electrochemical Hydrogenation and Corrosion Behaviour of $LaNi_{5\ -x}Bi_x$ ($x = 0$–0.1) Alloys.

    Fiz.- Khim. Mekh. Mater. **48**$_S$ (2012) 387–91.
    11th Int.Conf.on Problems of Corrosion and Corrosion Protection of Structural Materials (Corrosion-2012) L'VIV, UA, 2012.06 04–06

12. H.Bala, I.Kukuła, K.Giza, B.Marciniak, E.Różycka-Sokołowska, **H. Drulis**,

    Evaluation of Electrochemical Hydrogenation and Corrosion Behavior of LaNi5-Based Materials Using Galvanostatic Charge / Discharge Measurements.

    Int. J. Hydrog. Energy **37**$_{22}$ (2012) 16817–22. [DOI]

13. **J. Baran**, A.J.Barnes, H.Ratajczak,

    The Polarized IR and Raman Spectra of the Diglycine Hydrochloride Crystal.

    J. Mol. Struct. **1009** (2012) 55–68. [DOI]

14. **J. Baran**, A.M.Petrosyan,

    Comments on the Paper by R. Ezhil Vizhi *et al.* "Synthesis, Crystal Growth, Structural, Dielectric and Ferroelectric Properties of N -Acetyl Glycine Phosphite (AGPI) Single Crystals".

    Ferroelectrics **432** (2012) 117–18. [DOI]
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15. **A.Bednarkiewicz**, D.Wawrzyńczyk, **A.Gągor**, **L.Kępiński**, **M. Kurnatowska**, **L.Krajczyk**, M.Nyk, M.Samoc, **W. Stręk**,

    Giant Enhancement of Upconversion in Ultra-Small Er^{3+}= Yb^{3+} : $NaYF_4$ Nanoparticles *via* Laser Annealing.

    Nanotechnology **23** (2012) 14 5705 (8). [DOI]

16. P.Biegański, E.Dobierzewska-Mozrzymas, **L.Kępiński**,

    Application of Effective Medium Theory with Consideration of Island Shapes to Interpret Optical Properties of Discontinuous Pt Films.

    Appl. Opt. **51** 29 (2012) 6945–51. [DOI]

17. A.Błachowski, K.Ruebenbauer, J.Żukrowski, **Z. Bukowski**, **M. Matusiak**, J.Karpinski,

    Interplay Between Spin Density Wave and Superconductivity in '122' Iron Pnictides: ^{57}Fe Mössbauer Study.

    Acta Phys. Pol. A **121** 4 (2012) 726–29.
    15th Polish Sch.on Superconductivity "Hundred Years of Superconductivity" KAZIMIERZ DOLNY, PL, 2011.10 09–13

18. **Ł.Bochenek**, **R. Wawryk**, **Z. Henkie**, **T. Cichorek**,

Evidence for Multiple Superconducting Gaps in the Filled Skutterudite Compound $LaRu_4As_{12}$.

Phys. Rev. B **86** (2012) 06 0511 (5). [DOI]

19. D.Boczuła, A.Cały, D.Dobrzyńska, **J. Janczak**, J.Zoń,

Structural and Vibrational Characteristics of Amphiphilic Phosphonate Salts.

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20. T.Borowiecki, A.Gołębiowski, **L.Kępiński**, M.Pańczyk, J.Ryczkowski, K.Stołecki,

Zawęglanie modyfikowanych katalizatorów niklowych do prereformingu. [Coking of Modified Nickel Catalysts for Prereforming.]

Przem. Chem. **91** 10 (2012) 2186–91 [in Polish].

21. I.Bryndal, E.Kucharska, W.Sąsiadek, M.Wandas, T.Lis, J.Lorenc, **J. Hanuza**,

Molecular and Crystal Structures, Vibrational Studies and Quantum Chemical Calculations of 3- and 5-Nitroderivatives of 2-Amino-4-methylpyridine.

Spectrochim. Acta A **96** (2012) 952–62. [DOI]

22. K.Buchkov, K.Nenkov, **A.Zaleski**, E.Nazarova, M.Polichetti,

Fundamental and 3rd Harmonic ac Magnetic Susceptibility of Over-Doped Polycrystalline $Y_{1-x}Ca_xBa_2Cu_3O_7$ ($x = 0.025$ and $x = 0.20$) Samples.

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23. B.Burtan, Z.Mazurak, J.Cisowski, M.Czaja, **R. Lisiecki**, **W. Ryba-Romanowski**, M.Reben, J.Wasylak,

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24. T.Cetner, A.Morawski, K.Adamczyk, M.Rindfleisch, M.Tomsic, **A.Zaleski**, D.Gajda, A.Presz,

Improvement of Critical Properties of Undoped, Multifilamentary MgB_2 Wires in Nb = Cu after Annealing under High Gas Pressure.

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25. A.Ciechan, **M.J. Winiarski**, **M. Samsel-Czekała**,

The Pressure Effects on Electronic Structure of Iron Chalcogenide Superconductors $FeSe_{1-x}Te_x$.

Acta Phys. Pol. A **121** 4 (2012) 820–23.

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26. A.Ciechanowska, **J. Hanuza**, E.Kociołek-Balawejder, E.Stanisławska,

Synthesis and Characterization of Polymer-Based Hybrid Materials *via* Oxidation of Mn(II) Using N -Chlorosulphonamide Polymers.

Mater. Chem. Phys. **132** 2/3 (2012) 870–79. [DOI]

27. J.Ćwik, T.Palewski, K.Nenkov, J.Warchulska, **J. Klamut**,

Magnetic and Magnetocaloric Properties of $Gd_{1-x}Sc_xNi_2$ Solid Solutions.

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28. M.Czaja, S.Bodył-Gajowska, **R. Lisiecki**, A.Meijerink, Z.Mazurak,

The Luminescence Properties of Rare-Earth Ions in Natural Fluorite.

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29. **M. Daszkiewicz**,

Complex Hydrogen Bonding Patterns in *bis*(2-Aminopyrimidinium) Selenate Monohydrate. Interrelation among Graph-Set Descriptors.

Struct. Chem. **23** 2 (2012) 307–13. [DOI]

30. **M. Daszkiewicz**, L.D.Gulay,

Pressure-Induced Silver Ion Displacement in $La_3Ag_{0.82}SnS_7$.

Mater. Res. Bull. **47**$_2$ (2012) 497–99. [DOI]

31. **M. Daszkiewicz**, **M.K. Marchewka**,

Crystal Structure, Vibrational and Theoretical Studies of *bis*(4-Amino-1,2,4-Triazolium) Hexachloridostannate(IV).

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32. **M. Daszkiewicz**, **M.K. Marchewka**,

3-Amino-1,2,4-Triazolium Ion in [24(3at)]Cl and $[24(3at)]_2SnCl_6$ H_2O. Comparative X-ray, Vibrational and Theoretical Studies.

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33. **M. Daszkiewicz**, O.V.Marchuk, L.D.Gulay, **D. Kaczorowski**,

Crystal Structures and Magnetic Properties of $R_2PbSi_2S_8$ (R=Y;Ce;Pr;Nd;Sm;Gd;Tb, Dy, Ho), $R_2PbSi_2Se_8$ (R = La;Ce;Pr;Nd;Sm;Gd) and $R_2PbGe_2S_8$ (R = Ce;Pr) Compounds.

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34. **M. Daszkiewicz**, **P. Swatek**, **D. Kaczorowski**,

Crystal Structure of UT_2Zn_20 (T = Fe;Co;Ru;Rh; and Ir) Phases.

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35. M.Demchyna, B.Belan, M.Manyako, **A.Pietraszko**, Ya.Kalychak,

Phase Diagrams of the Tb–Ag–In and Dy–Ag–In Systems at 870 K.

J. Solid State Chem. **192** (2012) 360–65. [DOI]

36. **P.J. Dereń**, **K. Maleszka-Bagińska**, **P. Głuchowski**, **M.A.Małecka**,

Spectroscopic Properties of Nd^{3+} in $MgAl_2O_4$ Spinel Nanocrystals.

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37. **P.J. Dereń**, **A.Watras**, **A.Gągor**, **R. Pązik**,

Weak Crystal Field in Yttrium Gallium Garnet (YGG) Submicrocrystals Doped with Cr^{3+}.

Cryst. Growth Des. **12**$_{10}$ (2012) 4752–57. [DOI]

38. M.Dias, P.A.Carvalho, L.C.J.Pereira, I.C.Santos, O.Tougait, **V.H. Tran**, A.P.Gonçalves,

Crystal Structure and Magnetism of UFe_3B_2.

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39. В.М.Дмитриев, А.В.Терехов, **A.Zaleski**, Е.Н.Хацько, П.С.Калинин, А.И.Рыкова, А.М.Гуревич, С.А.Глаголев, Е.П.Хлыбов, И.Е.Костылева, С.А.Лаченков,

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[The Volleben Effect in Magnetic Superconductors $Dy_{1-x}Y_xRh_4B_4$ (x = 0.2, 0.3, 0.4 and 0.6).]

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40. **G. Dominiak-Dzik**, **R. Lisiecki**, **W. Ryba-Romanowski**, **L.Krajczyk**,

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41. **M. Drozd**, **D. Dudzic**,

The Guanidine and Maleic Acid (1:1) Complex. The Additional Theoretical and Experimental Studies.

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42. **H. Drulis**, **A.Hackemer**, **L.Folcik**, K.Giza, H.Bala, Ł.Gondek, H.Figiel,

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Improved Properties of Micronized, Genetically Modified Flax Fibres.

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44. Y.Erdogdu, **M. Drozd**, **M.K. Marchewka**,

Structural, Calorimetric and Vibrational Investigations of 2,3- and 4-Hydroxyanilinium Perchlorate: A Theoretical and Experimental Study.

Vibr. Spectr. **58** (2012) 169–80. [DOI]

45. R.D.Fedorovich, V.B.Nechytaylo, L.V.Viduta, T.A.Gavrilko, A.A.Marchenko, A.G.Naumovets, A.I.Senenko, P.V.Shabatyn, **J. Baran**,

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Investigation of Low-Temperature Fixed Points by an International Star Intercomparison of Sealed Triple-Point Cells.

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47. H.Fukazawa, R.Nagashima, S.Shimatani, Y.Kohori, **D. Kaczorowski**,

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48. H.Fuks, S.M.Kaczmarek, **L.Macalik**, **J. Hanuza**,

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Laser-Induced Time-Resolved Luminescence of Natural Sillimanite Al_2SiO_5 and Artificial Al_2SiO_5 Activated by Chromium.

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50. Ch.Ghelev, T.Koutzarova, S.Kolev, I.Nedkov, K.Krezhov, D.Kovacheva, B.Blagoev, B.Vertruyen, C.Henrist, R.Cloots, **A.Zaleski**, V.Nizhankovskii,

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51. K.Giza, H.Bala, **H. Drulis**, **A.Hackemer**, **L.Folcik**,

Gaseous and Electrochemical Hydrogenation Properties of $LaNi_{4:3}(Co;Al)_{0:7\ x}In_x$ Alloys.

Int. J. Electrochem. Sci. **7**$_{10}$ (2012) 9881–91.

52. K.Giza, I.Kukuła, **H. Drulis**, **A.Hackemer**,

Wpływ obróbki chemicznej materiału proszkowego $Ti_{0:80}Zr_{0:20}Mn_{1:50}V_{0:35}$ na pochłanianie wodoru. [The Influence of Chemical Treatment of $Ti_{0.80}Zr_{0.20}Mn_{1.50}V_{0.35}$ Powder Material on Hydrogen Absorption.]

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53. M.Głowacki, **G. Dominiak-Dzik**, **W. Ryba-Romanowski**, **R. Lisiecki**, **A.Strzęp**, T.Runka, M.Drozdowski, V.Domukhovski, R.Diduszko, M.Berkowski,

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Lanthanide-Doped Up-converting Nanoparticles: Merits and Challenges.
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55. **D. Gnida**, **M. Matusiak**, **D. Kaczorowski**,
Anomalous Magnetotransport in the Heavy-Fermion Superconductor Ce_2PdIn_8 .
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56. P.Godlewska, Sz.Bandrowski, **L. Macalik**, **R. Lisiecki**, **W. Ryba-Romanowski**, I.Szczygieł, P.Ropuszyńska-Robak, **J. Hanuza**,
Spectroscopic Properties of Nd^{3+} Ion in Several Types of Phosphate Materials.
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57. Ł.Gondek, **D. Kaczorowski**, **A.P. Pikul**, A.Szytuła,
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60. L.Grigorjeva, D.Millers, K.Smits, A.Sarakovskis, W.Łojkowski, A.Świderska-Środa, **W. Stręk**, **P. Głuchowski**,
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64. XiuMei Han, R.Calderón-Villajos, F.Esteban-Betegón, C.Cascales, C.Zaldo, **A.Jeżowski**, **P. Stachowiak**,
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65. **J. Hanuza**, **M. Ptak**, **M. Mączka**, **K. Hermanowicz**, J.Lorenc, A.A.Kaminskiĭ,
Polarized IR and Raman Spectra of $Ca_2MgSi_2O_7$, $Ca_2ZnSi_2O_7$, and $Sr_2MgSi_2O_7$ Single Crystals: Temperature-Dependent Studies of Commensurate-to-Incommensurate and Incommensurate-to-Normal Phase Transitions.
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High-Pressure Flux Growth, Structural, and Superconducting Properties of *Ln*FeAsO (*Ln* = Pr;Nd;Sm) Single Crystals.

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LISTA PREZENTACJI KONFERENCYJNYCH
LIST OF CONFERENCE PRESENTATIONS

1. L.Adamczyk, K.Giza, H.Bala, **H. Drulis**,

   Dyfuzyjność i efektywność elektrosorpcji wodoru w stopach La(Ni;Co;Al)$_5$. [Diffusitivity and Efficiency of Hydrogen Electrosorption for Zinc Moped La(Ni, Co, Al)$_5$ Alloys] (P)

   16th All-Polish Corrosion Symp. (with int.particip.) (APCS-2012) "New Achievements in Corrosion Research and Engineering" Poraj (Częstochowa) PL 2012.11 28–30

2. L.Adamczyk, K.Giza, **H. Drulis**, H.Bala, **A.Hackemer**,

   Elektrosorpcja wodoru przez stopy na bazie LaNi$_{3:6}$(Co;Mn;Al)$_{1:2}$In$_{0:2}$. [Electrosorption of Hydrogen by Alloys Based on LaNi$_{3.6}$(Co, Mn, Al)$_{1.2}$In$_{0.2}$.] (P)

   XX Jubil.Konf.nauk.-techn.: „Antykorozja: Systemy – Materiały – Powłoki" [20th Polish Conf.on Corrosion Protection: Systems, Materials, Coatings] Ustroń–Jaszowiec, PL, 2012.03 21–23

3. O.Alekseva, N.Sorokina, I.Verin, N.Bolotina, **A.Gągor**, **A.Pietraszko**, E.Karitonova, V.Voronkova,

   Crystal Structure of the Fluorite-like Nd$_5$Mo$_3$O$_{16}$. (P)

   27th European Crystallographic Meet. (ECM 27) Bergen, NO, 2012.08 06–11

4. V.M.Amirkhanov, **P. Dereń**, P.Gawryszewska, J.Legendziewicz, O.V.Moroz,

   The Comparison of Efficiency of Ligand-to-Metal Energy Transfer in New Type of Lanthanide Luminophores. (C)

   8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

5. H.Bala, I.Kukuła, **H. Drulis**,

   Electrochemical Hydrogenation and Corrosion Behaviour of LaNi$_{5\ -x}$Bi$_x$ (x = 0–0.1) Alloys. (P)

   11th Int.Conf.on Problems of Corrosion and Corrosion Protection of Structural Materials (Corrosion-2012) L'viv, UA, 2012.06 04–06

6. **K. Baranowska**, **J. Okal**,

   Wpływ renu na dyspersję w bimetalicznych katalizatorach Ru–Re= Al$_2$O$_3$. [???.] (P)

   XLIV Og.-pol. Kolokwium Katalityczne [44th Polish Ann.Conf.on Catalysis] Cracow, PL, 2012.03 14–16

7. **K. Baranowska**, **J. Okal**,

   Badanie utleniania katalizatorów Ru= Al$_2$O$_3$, Re= Al$_2$O$_3$ oraz Ru–Re= Al$_2$O$_3$ metodami mikroskopii elektronowej oraz XRD. [Investigation of the Oxidation of Ru/γAl$_2$O$_3$, Re/γAl$_2$O$_3$, and Ru–Re/γAl$_2$O$_3$ Catalysts by Electron Microscopy and XRD Methods.] (P)

   54. Konwers. Krystalograficzne [54th Polish Crystallographic Meet.] Wrocław, PL, 2012.07 05–07

8. **A.Bednarkiewicz**,

   Up-conversion FRET from Rare Earth Nanophosphor to CdSe Quantum Dots. (I)

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   Miraflores de la Sierra (Madrid), ES, 2012.08 06-20

9. **A.Bednarkiewicz**, D.Wawrzyńczyk, **W. Stręk**, M.Samoc,

   Hypersensitivity of Eu^{3+} in Ultrasmall Nanocrystals. (C)

   8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

10. B.Belan, M.Manyako, **D. Kaczorowski**, R.Gladyshevskii,

    Crystal Structure and Magnetic Properties of the Compound NdNi$_{8:8}$Si$_{4:2}$. (P)

    18th Int.Conf.on Solid Compounds of Transition Elements (SCTE 2012) Lisbon, PG, 2012.03 31 –.04 05

11. M.Białek, **J. Janczak**, J.Zoń,

    Influence of Ligand Geometry and Flexibility on Final Coordination Network. (P)

    54. Konwers. Krystalograficzne [54th Polish Crystallographic Meet.] Wrocław, PL, 2012.07 05–07

12. A.Błachowski, K.Ruebenbauer, J.Żukrowski, **Z. Bukowski**, **K. Rogacki**, P.J.W.Moll, J.Karpinski, **M. Matusiak**,

    Magnetyzm i nadprzewodnictwo w $EuFe_{2-x}Co_xAs_2$ – badania metodą spektroskopii mössbauerowskiej ^{57}Fe i ^{151}Eu. [???.] (C)

    IX Og.-pol.Semin. Spektroskopii Mössbauerowskiej (OSSM-2012) Kazimierz Dolny, PL 2012.06 10–13

13. A.Błachowski, K.Ruebenbauer, J.Żukrowski, **K. Rogacki**, **Z. Bukowski**, J.Karpiński,

    Kształt fali gęstości spinowej w związkach macierzystych nadprzewodników na bazie żelaza z rodziny „122": AFe_2As_2 (A = Ca;Ba;Eu). [???] (I)

    IX Og.-pol.Semin. Spektroskopii Mössbauerowskiej (OSSM-2012) Kazimierz Dolny, PL 2012.06 10–13

14. **Ł.Bochenek**, **Z. Henkie**, **T. Cichorek**,

    Angular-Dependent Magnetoresistance of the Filled Skutterudite $CeOs_4As_{12}$. (P)

    19th Int.Conf.on Magnetism (ICM '12) Busan, KR, 2012.07 08–13

15. B.Bondzior, **D. Rudnicka**, **P.J. Dereń**,

    Study of the Cr^{3+} ! Nd^{3+} Energy Transfer in $LaAlO_3$ Nanocrystals. (P)

    11th Int. Krutyń Summ.Sch. 2012, "Cutting Edge Luminescent Materials: Shifting the Frontiers", Krutyń, PL, 2012.09 23–29

16. **Z. Bukowski**, **V.H. Tran**, **A.Zaleski**, **L.M. Tran**,

    Interactions of Magnetism and Superconductivity in Substituted $EuFe_2As_2$ Single Crystals. (P)

    [10th] Int.Conf.on Materials & Mechanisms of Superconductivity (M^2S 2012) Washington, DC, US, 2012.07 29 –.08 03

17. I.Carrasco, P.Molina, **D. Rudnicka**, **P. Dereń**, L.E.Bausá, M.O.Ramírez,

    Nanosize Induced Symmetry Lowering in Nd^{3+}-Doped $CaTiO_3$ Nanocrystals Probed by Optical Spectroscopy. (P)

    8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

18. K.Chybczyńska, E.Markiewicz, B.Hilczer, B.Andrzejewski, **A.Pietraszko**,

    Comparision of $BiFeO_3$ Ceramics Obtained from Mechano-chemically Synthezied Nanopowders and $BiFeO_3$ Ceramic Micro-Cubes Obtained from Microwave- Hydrothermal Synthesis. (P)

    20th Polish–Czech Semin.on Structural and Ferroelectric Phase Transitions, Ustroń, PL, 2012.05 21–25

19. **T. Cichorek**, **Ł.Bochenek**, A.Czulucki, M.Schmidt, G.Auffermann, R.Niewa, F.Steglich, R.Kniep,

    Two-Channel Kondo Effect in $ZrAs_{1.58}Se_{0.39}$ Derived from Non-Magnetic Quantum Impurities. (P)

    Int.Conf.on Quantum Criticality & Novel Phases (QCNP 2012) Dresden, DE, 2012.08 26–29

20. **T. Cichorek**, **Ł.Bochenek**, A.Rudenko, **R. Wawryk**, **Z. Henkie**, R.E.Baumbach, M.B.Maple,

    Intriguing Physical Properties of the As-Based Filled Skutterudites. (C)

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21. **T. Cichorek**, **Ł.Bochenek**, **R. Wawryk**, R.E.Baumbach, M.B.Maple, **Z. Henkie**,

    Anisotropy of Magnetic-Field-Induced Insulator–Metal Transition in the Cubic Compound $CeOs_4As_{12}$. (P)

    Int.Conf.on Quantum Criticality & Novel Phases (QCNP 2012) Dresden, DE, 2012.08 26–29

22. **T. Cichorek**, **Ł.Bochenek**, **R. Wawryk**, R.Puźniak, **Z. Henkie**,

    Evidence for Multiband Order Parameters in the Cubic s-Wave Superconductor $LaRu_4As_{12}$. (P)

    19th Int.Conf.on Magnetism (ICM '12) Busan, KR, 2012.07 08–13

23. **M. Daszkiewicz**,

    Interrelation among Graph-Set Descriptors. (C)

    54. Konwers. Krystalograficzne [54th Polish Crystallographic Meet.] Wrocław, PL, 2012.07 05–07

24. **M. Daszkiewicz**,

Complex Hydrogen Bonding Patterns. Interrelation among Graph-Set Descriptors. (P)

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25. **M. Daszkiewicz**, L.D.Gulay, **A.Gągor**, **A.Pietraszko**, V.Ya.Shemet,

Crystal Structure of RCu$_3$S$_3$ and RCuTe$_2$ (R = Gd–Lu) Compounds. (P)

27th European Crystallographic Meet. (ECM 27) Bergen, NO, 2012.08 06–11

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Crystal Structure of R_3Mn$_{0.5}$GeS$_7$ (R = Y;Ce;Pr;Nd;Sm;Gd;Tb;Dy;Ho; and Er). (P)

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27. **P. Dereń**,

Luminescent Materials for Lighting and Solar Cells. (I)

11th Int. Krutyń Summ.Sch. 2012, "Cutting Edge Luminescent Materials: Shifting the Frontiers", Krutyń, PL, 2012.09 23–29

28. **P. Dereń**,

Anti-Stokes Emission (I)

11th Int. Krutyń Summ.Sch. 2012, "Cutting Edge Luminescent Materials: Shifting the Frontiers", Krutyń, PL, 2012.09 23–29

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Lasers and Medicine (I)

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Lighting the Future. (C)

6th Int.Worksh.on Advanced Materials Science & Nanotechnology (IWAMSN 2012) Ha Long, VN, 2012.10 30 –.11 02

31. **P.J. Dereń**, **R. Pązik**, **A.Watras**,

Syntheses and Characterization of Nano Ca$_{1-x}$Mg$_x$(Al$_{1-y}$Ga$_y$)$_2$O$_4$: Eu^{3+} Phosphors. (C)

4th Int.Conf.of Luminescence and Its Applications (ICLA-2012) Hyderabad, AP, IN, 2012.02 07–10

32. **P.J. Dereń**, **D. Rudnicka**, **K. Maleszka-Bagińska**, **A.Watras**, **R. Pązik**,

Tuning the Quantum Efficiency of the Rare Earth Emission in MgAl$_2$O$_4$ Spinel by Cation Exchange. (C)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

33. **P.J. Dereń**, **D. Rudnicka**, **A.Watras**, G.Sraiki, B.Viana,

ZnAl$_2$O$_4$: Cr^{3+} Nanopowders as New Storage Phosphor. (P)

3th Int.Conf.on the Physics of Optical Materials & Devices (ICOM 2012) Belgrade, RS, 2012.09 03–06

34. J.Dobosz, K.Mokrzycka, **R.J. Wiglusz**,

Właściwości i zastosowanie nanochloroapatytu domieszkowanego wybranymi jonami lantanowców. [?] (P)

I Wrocławska Konferencja Studentów Nauk Technicznych i Ścisłych (Puzzel 2012) Wrocław, PL, 2012.04 28–29

35. D.Dobrzyńska, **J. Janczak**, A.Wojciechowska,

Structural and Spectroscopic Study of *trans*-Diazido *bis*(ethylenediamine) Cobalt(III) Perchlorate Complex. (P)

54. Konwers. Krystalograficzne [54th Polish Crystallographic Meet.] Wrocław, PL, 2012.07 05–07

36. **G. Dominiak-Dzik**, **A.Strzęp**, **W. Ryba-Romanowski**, M.Berkowski,

Effect of Substitution of Lutetium by Gadolinium on Optical Properties of $(Lu_xGd_{1-x})_2SiO_5 : Sm^{3+}$ Single Crystals. (P)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

37. **J. Doskocz**,

???. [?] (L)

I Wrocławska Konferencja Studentów Nauk Technicznych i Ścisłych (Puzzel 2012) Wrocław, PL, 2012.04 28–29

38. G.Dovbeshko, O.Gnatyuk, **R. Klimkiewicz**,

Metal Oxides on Carbon Nanotubes as a New Carbonaceous Catalysts for Transformations of Oxygenates. (P)

XLIV Og.-pol. Kolokwium Katalityczne [44th Polish Ann.Conf.on Catalysis] Cracow, PL, 2012.03 14–16

39. **M. Drozd**, **D. Dudzic**, **A.Pietraszko**,

Using of Parallel Methods (DSC, IR, Raman and X-ray) for Investigations of Phase Transition in Guanidinium Acrylic Acid Complex. (L)

11th Conf.on Thermal Analysis and Calorimetry (CCTA-11) Zakopane, PL, 2012.09 09–13

40. H.Fukazawa, R.Nagashima, S.Shimatani, Y.Kohori, **D. Kaczorowski**, **D. Gnida**,

Heavy Fermion Superconductor Ce_2PdIn_8 Studied by ^{115}In Nuclear Quadrupole Resonance. (C)

[10th] Int.Conf.on Materials & Mechanisms of Superconductivity (M^2S 2012) Washington, DC, US, 2012.07 29 –.08 03

41. H.Fuks, S.M.Kaczmarek, T.Bodziony, **J. Hanuza**, **L. Macalik**, A.Majchrowski, T.Skibiński,

EPR Properties of $KHo(WO_4)_2$ Single Crystals. (P)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

42. **A.Gągor**, **A.Pietraszko**, L.D.Gulay,

Structural Phase Transitions Related to Magnetic Phenomena in $CuCrSe_2$ and $AgCrSe_2$ Magneto-elastics. (P)

27th European Crystallographic Meet. (ECM 27) Bergen, NO, 2012.08 06–11

43. **A.Gągor**, M.Węcławik, A.Piecha, R.Jakubas, **A.Pietraszko**,

Phase Transitions to Modulated Structures in RMX_4 Crystals (R: Organic Cation, M : Bi;Sb; X : Cl;I). (P)

20th Polish–Czech Semin.on Structural and Ferroelectric Phase Transitions, Ustroń, PL, 2012.05 21–25

44. D.Gajda, A.Morawski, **A.Zaleski**, T.Cetner, M.Tomsic, M.Rindfleisch, R.Diduszko, T.Czujko, A.Presz,

HIP Positive Influence on J_c, F_p, and Microstructure in 18-Filaments MgB_2 Wires. (P)

Int.Conf.on Superconductivity & Magnetism, İstanbul, TR, 2012.04 29 –.05 04

45. C.García Izquierdo, F.Bertiglia, R.Benyon, D. del Campo, M.Dobre, V.Fernicola, D.Hudoklin, E.Grudniewicz, M.Heinonen, P.Klason, C. von Holstein-Rathlou, J.Johansson, H.Kaykısızlı, G.Lopardo, C.Melvad, J.Merrison, K.Migała, A.Piccato, G.Roggero, P.Spazzini, **A.Szmyrka-Grzebyk**, S.Ruíz, A.Merlone,

Traceability of Ground-Based Meteorological Surface Temperature Measurements. (C)

WMO Techn.Conf.on Meteorological and Environmental Instruments and Methods of Observation (TEKO 2012) Brussels, BE, 2012.10 16–18

46. P.Garczarek, J.Zoń, **J. Janczak**,

Synthesis and Structure of a New Metal Phosphonate Based on 3;3^0-bis(Dihydroxyphosphoryl)biphenyl. (P)

54. Konwers. Krystalograficzne [54th Polish Crystallographic Meet.] Wrocław, PL, 2012.07 05–07

47. Y.Gerasymchuk, D.Biały, W.Kałas, L.Tomachynski, **Ł.Marciniak**, J.Legendziewicz, **D. Hreniak**,

New Hybrid Materials Based on Macrocyclic Complexes and Nanosized SiO_2 Carrier for Biomedical Applications. (P)

14-th Int.Conf.-Sch.: Advanced Materials & Technologies, L'viv, UA, 2012.09 12–15

48. Y.Gerasymchuk, D.Biały, W.Kałas, L.Tomachynski, **Ł.Marciniak**, **D. Hreniak**, **W. Stręk**,

New Hybrid Materials Based on Macrocyclic Complexes and Nanosized SiO_2 Carrier for Biomedical Applications. (P)

14th Int.Conf.-Sch.: Advanced Materials and Technologies (ATM 2012) Palanga, LT, 2012.08 27–31

49. K.Giza, I.Kukuła, **H. Drulis**, **A.Hackemer**,

Wpływ obróbki chemicznej materiału proszkowego $Ti_{0:8}Zr_{0:2}Mn_{1:5}V_{0:35}$ na pochłanianie wodoru. [The Influence of Chemical Treatment of $Ti_{0.8}Zr_{0.2}Mn_{1.5}V_{0.35}$ Powder Material on Hydrogen Absorption.] (P)

16th All-Polish Corrosion Symp. (with int.particip.) (APCS-2012) "New Achievements in Corrosion Research and Engineering" Poraj (Częstochowa) PL 2012.11 28–30

50. **P. Głuchowski**, **K. Hałubek-Głuchowska**, J.Rybka, **D. Hreniak**, **W. Stręk**,

Detection of the Bacteria Existing at the Aquatic Environment Using Optical Method. (P)

SPIE NanoScience + Engineering, part of SPIE Optics + Photonics, San Diego, CA, US, 2012.08 12–16

51. **P. Głuchowski**, **K. Halubek-Głuchowska**, J.Rybka, **W. Stręk**, **D. Hreniak**,

Optical Biosensors for Detection of the Bacteria Existing at the Aquatic Environment. (C)

Winter College on Optics: Advances in Nano-Optics and Plasmonics, Trieste (Miramare), IT, 2012.02 06–17

52. **P. Głuchowski**, **W. Stręk**,

Luminescence Studies of Cr^{3+} : $Y_3Al_5O_{12}$ and Cr^+ : $MgAl_2O_4$ Nanoceramics. (P)

1st São Carlos Adv.Sch.on Materials Science & Engineering (SanCAS-MSE) São Carlos, SP, BR, 2012.03 25–31

53. **P. Głuchowski**, **W. Stręk**,

Optical Properties of Cr^{3+} : $Y_3Al_5O_{12}$ and Cr^+ : $MgAl_2O_4$ Nanoceramics. (P)

1st São Carlos Adv.Sch.on Materials Science & Engineering (SanCAS-MSE) São Carlos, SP, BR, 2012.03 25–31

54. **D. Gnida**, **M. Matusiak**, **D. Kaczorowski**,

Anomalous Electronic Transport in the Novel Heavy-Fermion Superconductor Ce_2PdIn_8 . (C)

Int.Conf.on Superconductivity & Magnetism, İstanbul, TR, 2012.04 29 –.05 04

55. **D. Gnida**, **M. Matusiak**, **D. Kaczorowski**,

Unusual Normal-State Magnetotransport in the Heavy Fermion Superconductor Ce_2PdIn_8 . (P)

19th Int.Conf.on Magnetism (ICM '12) Busan, KR, 2012.07 08–13

56. S.Godlewska, **K. Baranowska**, A.Dołęga,

Crystal Structure of Copper(II) Pivalate with 2-iso-Propylimidazole Co-Ligand. (P)

54. Konwers. Krystalograficzne [54th Polish Crystallographic Meet.] Wrocław, PL, 2012.07 05–07

57. R.S.Gonnelli, M.Tortello, D.Daghero, G.A.Ummarino, V.A.Stepanov, **Z. Bukowski**, N.D.Zhigadlo, J.Karpinski, K.Iida, B.Holzapfel, P.Reuvekamp, R.K.Kremer,

The Order-Parameter Symmetry and Fermi Surface Topology of 122 Fe-Based Superconductors: A Directional Point-Contact Andreev-Reflection Study. (I)

Int.Conf.on Superconductivity & Magnetism, İstanbul, TR, 2012.04 29 –.05 04

58. K.Grabas, **D. Hreniak**, M.Miller, A.Ostrowski, A.Pawełczyk, **W. Stręk**, E.Zych,

Recovery of Lanthanides from Electric Waste Recycling. (C)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

59. T.Grzyb, A.Gruszeczka, **R.J. Wiglusz**, B.Idzikowski, S.Lis,

Multifunctional REPO$_4$: Yb^{3+};Tb^{3+} Nanoparticles – UV Luminescence, Up-conversion and Magnetic Properties (RE = Y, La, and Gd). (P)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

60. T.Grzyb, A.Gruszeczka, **R.J. Wiglusz**, S.Lis,

Up-konwersja nanokrystalicznych fosforanów pierwiastków ziem rzadkich. [?.] (P)

XXXVII Og.-pol. Szkoła Chemii [37th Polish School of Chemistry] „Chemicznym Okiem", Gdańsk-Sobieszewo, PL, 2012.11 07–11

61. T.Grzyb, A.Gruszeczka, **R.J. Wiglusz**, S.Lis,

Up-konwersja nanokrystalicznych fosforanów pierwiastków ziem rzadkich domieszkowanych parami jonów Yb^{3+}= Tb^{3+}, Yb^{3+}= Tm^{3+} i Yb^{3+}= Er^{3+} . [?] (P)

LV Zj. Polskiego Towarzystwa Chemicznego i Stowarzyszenia Inżynierów i Techników Przemysłu Chemicznego [55th Congr.of Polish Chemical Society] Białystok, PL, 2012.09 16–20

62. T.Grzyb, A.Gruszeczka, **R.J. Wiglusz**, Z.Śniadecki, B.Idzikowski, S.Lis,

Bifunctional GdPO$_4$: Yb^{3+};Ln^{3+} Nanoparticles: Up-conversion Luminescence and Magnetic Properties (Ln = Tb;Er;Tm). (P)

2nd Summ.Symp.on Nanomaterials and Their Application to Biology and Medicine, Poznań, PL, 2012.06 20–24

63. **K. Hałubek-Głuchowska**, **P. Głuchowski**, J.Rybka, A.Burakowska, **W. Stręk**, A.Gamian,

Preparation of Bioactive Surfaces for Optical Detection of Microbial Agents Using Conjugates of Specific Anti-Lipopolysaccharide Antibodies with Organic Fluorescent Dyes Immobilized onto Si = SiO$_2$ Surface. (P)

SPIE NanoScience + Engineering, part of SPIE Optics + Photonics, San Diego, CA, US, 2012.08 12–16

64. M.Hojniak, **R. Klimkiewicz**,

Nietrwałość potasu w katalizatorach transformacji oksygenatów — nowe wyjaśnienie. [???.] (P)

XLIV Og.-pol. Kolokwium Katalityczne [44th Polish Ann.Conf.on Catalysis] Cracow, PL, 2012.03 14–16

65. **D. Hreniak**, **Ł.Marciniak**, **W. Stręk**, J.Cichos, M.Karbowiak, W.Kałas, E.Zioło, L.Strządała,

Luminescence Properties of Biocompatible Rare-Earth Doped NaGdF$_4$ Nanocrystals for Biological Applications. (C)

4th Int.Conf.of Luminescence and Its Applications (ICLA-2012) Hyderabad, AP, IN, 2012.02 07–10

66. **J. Janczak**,

Catalytic Transformation Mechanism of Cyanopyridine Isomers into Pyridinecarboxamide Isomers by Magnesium Phthalocyanine. (P)

54. Konwers. Krystalograficzne [54th Polish Crystallographic Meet.] Wrocław, PL, 2012.07 05–07

67. D.Jesariew, M.M.Ilczyszyn, **A.Pietraszko**,

Sekwencja przemian fazowych w krysztale trifluorometanosulfonianu pirydyny. [???] (P)

54. Konwers. Krystalograficzne [54th Polish Crystallographic Meet.] Wrocław, PL, 2012.07 05–07

68. **A.Jeżowski**, **P. Stachowiak**, **O. Churiukova**, **T.V. Romanova**,

Thermal Conductivity of Donor-Doped GaN Crystals. (O)

9th Conf.on Cryocrystals and Quantum Crystals (CCQC-9) Odessa, UA, 2012.09 02–08

69. S.M.Kaczmarek, H.Fuks, T.Bodziony, T.Skibiński, **J. Hanuza**, **L.Macalik**,

Magnetic Properties of KGd(WO$_4$)$_2$ Single Crystal Studied by EPR Spectroscopy. (P)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

70. **D. Kaczorowski**,

Unconventional Superconductivity in Ce$_2$PdIn$_8$. (I)

4th Int.Worksh.on Dual Nature of f-Electrons, Himeji, JP, 2012.07 04–06

71. W.Kałas, E.Zioło, L.Strządała, J.Cichos, M.Karbowiak, **Ł.Marciniak**, **W. Stręk**, **D. Hreniak**,

Influence of Coating on Toxicity of Rare-Earth Doped $NaGdF_4$ Luminescent Nanocrystals. (C)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

72. W.Kałas, E.Zioło, L.Strządała, J.Cichos, M.Karbowiak, **Ł.Marciniak**, **W. Stręk**, **D. Hreniak**,

Coating Effect on Luminescence and Biocompatibility of Rare-Earth Doped $NaGdF_4$ Nanocrystals. (I)

6th Int.Worksh.on Advanced Materials Science & Nanotechnology (IWAMSN 2012) Ha Long, VN, 2012.10 30 –.11 02

73. J.Karpinski, N.D.Zhigadlo, S.Katrych, **Z. Bukowski**, P.Moll, R.Puźniak, **K. Rogacki**, R B.Batlogg, S.Weyeneth, H.Keller,

Doping and Substitutions in LnFeAsO Single Crystals Grown at High Pressure: Influence on Superconducting Properties and Structure. (I)

Int.Conf.on Superconductivity & Magnetism, İstanbul, TR, 2012.04 29 –.05 04

74. **L.Kępiński**,

Struktura, stabilność i aktywność katalityczna nanokrystalicznych mieszanych tlenków. [Structure, Stability, and Catalytic Activity of Nanocrystalline Mixed Oxides.] (O)

XLIV Og.-pol. Kolokwium Katalityczne [44th Polish Ann.Conf.on Catalysis] Cracow, PL, 2012.03 14–16

75. **L.Kępiński**,

Mikroskopia elektronowa w badaniach nanomateriałów i katalizatorów. [Electron Microscopy in Investigation of Nanomaterials and Catalysts.] (I)

Mikroskopia elektronowa i jej zastosowania w badaniach materiałów [Electron Microscopy and Its Application in Materials Research] Lublin, PL 2012.09 27–28

76. **R. Klimkiewicz**, M.Hojniak,

Migracja potasu w katalizatorach transformacji oksygenatów – nowe spojrzenie. [?.] (P)

XXI Poznańskie Konwersatorium Analityczne [21st Poznań Analytics Seminar] Poznań, PL, 2012.04 12–13

77. **R. Klimkiewicz**, J.Trawczyński,

Długołańcuchowe związki tlenowe: analiza składu produktów ketonizacji mieszaniny alkoholi – laurylowego i mirystylowego. [?.] (P)

XXI Poznańskie Konwersatorium Analityczne [21st Poznań Analytics Seminar] Poznań, PL, 2012.04 12–13

78. N.B.Kolchugina, A.A.Lukin, G.S.Burkhanov, K.Skotnicova, **H. Drulis**,

Role of Terbium Hydride Additions in the Formation of Microstructure and Magnetic Propertis of Sintered Nd–Pr–Dy–Fe–B magnets. (C)

IV Межд.Конф. «Функциональные наноматериалы и высокочистые вещества» [4th Int.Conf.on Functional Nanomaterials & High-Purity Materials] (ФНМ 2012) Suzdal, RU, 2012.10 01–05

79. **G. Kontrym-Sznajd**,

Uniqueness of Studies on Electron Densities in the Extended Momentum Space. (L)

40th Polish Semin.on Positron Annihilation (PSPA 2012) Kazimierz Dolny, PL, 2012.06 13–14

80. **G. Kontrym-Sznajd**,

Utilization of Symmetry of Solids in Some Experiments. (L)

40th Polish Semin.on Positron Annihilation (PSPA 2012) Kazimierz Dolny, PL, 2012.06 13–14

81. **G. Kontrym-Sznajd**,

Czy lekcje fizyki mogą być ciekawe? [How to Teach Physics Classes to Make it Appealing?] (C)

XX Szkoła Dydaktyki Fizyki [20th Polish Sch.of Physics Didactics] Czeszów (Trzebnica) PL, 2012.10 18–21

82. **G. Kontrym-Sznajd**,

Czy fizyka da się lubić ? [Can Physics Be Likeable ?] (P)

XX Szkoła Dydaktyki Fizyki [20th Polish Sch.of Physics Didactics] Czeszów (Trzebnica) PL, 2012.10 18–21

83. **G. Kontrym-Sznajd**, K.Sznajd-Weron,

Dlaczego fizyka nie jest lubiana i jak to zmienić ? [Why Youths Do Not Like Physics and How to Change This ?] (C)

XX Szkoła Dydaktyki Fizyki [20th Polish Sch.of Physics Didactics] Czeszów (Trzebnica) PL, 2012.10 18–21

84. **G. Kontrym-Sznajd**, K.Sznajd-Weron,

Jak zainteresować młodzież fizyką ? [How to Attract Youth to Physics ?] (P)

XX Szkoła Dydaktyki Fizyki [20th Polish Sch.of Physics Didactics] Czeszów (Trzebnica) PL, 2012.10 18–21

85. **T.K. Kopeć**,

Hidden Quantum Critical Points in Systems of Strongly Interacting Bosons. (C)

36th Conf.of Theoretical Physics – Correlations & Coherence at Different Scales, Ustroń, PL, 2012.09 13–18

86. **T. Kopeć**, **T. Zaleski**,

Scaling of the Density Profiles of Cold Atoms Near the Quantum Critical Point in Two- and Three-Dimensional Optical Lattices. (P)

[10th] Int.Conf.on Materials & Mechanisms of Superconductivity (M^2S 2012) Washington, DC, US, 2012.07 29 –.08 03

87. **T. Kopeć**, **T.A.Zaleski**,

Néel Order and the Destruction of Localized Magnetic Moments in the Crossover from the Mott–Heisenberg to Slater Limit. (P)

Int.Conf.on Quantum Criticality & Novel Phases (QCNP 2012) Dresden, DE, 2012.08 26–29

88. L.Kovács, G.Corradi, É.Tichy-Rács, Z.Kis, **W. Ryba-Romanowski**, **A.Strzęp**, A.Scholle, S.Greulich-Weber,

Incorporation and Energy Levels of Er^{3+} in Lithium Yttrium Borate (LYB) Single Crystals. (P)

17th Int.Conf.on Defects in Insulating Materials (ICDIM 2012) Santa Fé, NM, US, 2012.06 24–29

89. **R. Kubiak**, **J. Janczak**,

Coordination Compounds of Metallophthalocyanines – Indium Phthalocyanines Molecular Balance Forms. (P)

7th Int.Conf.on Porphyrins and Phthalocyanines (ICPP-07) Jeju, KR, 2012.07 01–06

90. **R. Kubiak**, **J. Janczak**,

Structural Characterization of Two Modifications of bis(4-Methylpyridine) Phthalocyaninato(2-) Iron(II) Complex. (P)

54. Konwers. Krystalograficzne [54th Polish Crystallographic Meet.] Wrocław, PL, 2012.07 05–07

91. M.Kubota, **K. Rogacki**, M.Yagi, N.Shimizu, Y.Yasuta, A.Kitamura, S.Harada,

Vortex Lines Penetration &R̃ejection below Supersolid Transition Temperature T_c of *hcp* He. (P)

19th Int.Symp.on Quantum Fluids and Solids (QFS2012) Lancaster, E, UK, 2012.08 15–21

92. I.Kukuła, H.Bala, **H. Drulis**, **A.Hackemer**,

Charakterystyki polaryzacyjne stopu $La_2Ni_8Co_{0.8}Al_{0.2}Mg$ wytworzonego z wykorzystaniem metody mechanicznego stapiania. [Polarization Characteristics of the $La_2Ni_8Co_{0.8}Al_{0.2}Mg$ Alloy Manufactured with the Use of Mechanical Alloying Method] (P)

16th All-Polish Corrosion Symp. (with int.particip.) (APCS-2012) "New Achievements in Corrosion Research and Engineering" Poraj (Częstochowa) PL 2012.11 28–30

93. **M. Kurnatowska**, **L.Kępiński**,

Thermal Stability of Nanocrystalline Mixed Oxides $Ce_{0:89}M_{0:11}O_{2\ y}$ (M = Pd;Rh) in Reducing and Oxidizing Atmosphere. (P)

2nd Int.Symp.on Advanced Electron Microscopy for Catalysis and Energy Storage Materials (EmCat-2012) Berlin, DE, 2012.02 05–08

94. **M. Kurnatowska**, **L.Kępiński**,

Successive Reduction and Oxidation, and Thermal Stability of Nanocrystalline $Ce_{1\ x}NM_xO_{2\ y}$ (N M = Pd, Rh) Mixed Oxides. (P)

The 15th Eur. Microscope Congr. (emc2012) Manchester, Engl., UK, 2012.09 16–21

95. **M. Kurnatowska**, **L.Kępiński**, **A.Gągor**,

Zmiany struktury nanokrystalicznego tlenku $Ce_{1\ x}Pd_xO_{2\ y}$ w czasie wygrzewania w atmosferze redukującej i utleniającej. [Structure Changes of Nanocrystalline Oxide $Ce_{1-x}Pd_xO_{2-y}$ During Thermal Treatment in Reducing and Oxidative Atmosphere.] (P)

54. Konwers. Krystalograficzne [54th Polish Crystallographic Meet.] Wrocław, PL, 2012.07 05–07

96. **M. Kurnatowska**, **L.Kępiński**, **W. Mista**,

Struktura i stabilność termiczna nanokrystalicznego mieszanego tlenku $Ce_{1\ x}Rh_xO_{2\ y}$ w atmosferze redukującej i utleniającej. [Structure and Thermal Stability of Nanocrystalline Mixed Oxide $Ce_{1-x}Rh_xO_{2-y}$ in Reducing and Oxidative Atmosphere.] (P)

XLIV Og.-pol. Kolokwium Katalityczne [44th Polish Ann.Conf.on Catalysis] Cracow, PL, 2012.03 14–16

97. **K. Lemański**, **P.J. Dereń**,

Luminescent Properties of Ho^{3+} Ions in $LaAlO_3$ Nano-perovskites. (P)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

98. **K. Lemański**, **P. Dereń**,

Luminescent Properties of Dy^{3+} Ions in $CaTiO_3$ Nano-perovskites. (C)

3th Int.Conf.on the Physics of Optical Materials & Devices (ICOM 2012) Belgrade, RS, 2012.09 03–06

99. **R. Lemański**,

Metal–Insulator Transformation Induced by the Order–Disorder Phase Transition. (C)

36th Conf.of Theoretical Physics – Correlations & Coherence at Different Scales, Ustroń, PL, 2012.09 13–18

100. A.Lipatov, **D. Kaczorowski**, A.Gribanov, Yu.Seropegin,

Crystal Structure and Physical Properties of the Novel Compound Ce_3Rh_5Si. (P)

18th Int.Conf.on Solid Compounds of Transition Elements (SCTE 2012) Lisbon, PG, 2012.03 31 –.04 05

101. **R. Lisiecki**, **W. Ryba-Romanowski**, **G. Dominiak-Dzik**, **P. Solarz**, **A.Strzęp**, **B. Macalik**, R.Kowalski, M.Berkowski,

Spektroskopowa ocena warunków osiągnięcia wzmocnienia światła żółtego i czerwonego w kryształach krzemianów domieszkowanych jonami dysprozu i samaru. [???] (C)

X Symp. Techniki Laserowej [10th Symp.on Laser Technology] (XSTL) Szczecin–Świnoujście, PL, 2012.09 24–28

102. F.-E.López, M.-J.Illán, A.Bueno, **M. Zawadzki**, **W. Walerczyk**,

(Zn=Co)Al_3O_4 Spinel-Supported Pt Catalysts for Soot Combustion in $NO_x = O_2$ Gas Mixtures. (P)

7th Int.Conf.on Environmental Catalysis (ICEC 2012) Lyon, FR, 2012.09 02–06

103. C.Lucarelli, S.Albonetti, A.Vaccari, G.Pavarelli, D.Di Domenico, I.Gabellini, D.Wails, **W. Mista**,

H_2 Production by Fuel Dehydrogenation: Mechanistic Considerations. (L)

7th Int.Conf.on Environmental Catalysis (ICEC 2012) Lyon, FR, 2012.09 02–06

104. **A.Łukowiak**, **R.J. Wiglusz**, T.Grzyb, **W. Stręk**,

Synthesis, Structure, and Spectroscopic Properties of Pr^{3+} : $LiLa(PO_3)_4$ Nanopowders. (P)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

105. **L.Macalik**, **J. Hanuza**,

Synthesis and Vibrational Investigation of the Tetra Molybdates and Tungstates. (P)

23th Int.Conf.on Raman Spectroscopy (ICORS 2012) Bangalore, KA, IN, 2012.08 12–17

106. **M. Mączka**,

Raman Scattering Studies of Bulk and Nanocrystalline Ferroelectrics and Multiferroics. (I)

Physics Meeting in Amazonia, Belém, PA, BR, 2012.09 24–28

107. **M. Mączka**, A.Majchrowski, A.V.Knyazev, **J. Hanuza**, S.Kojima,

Temperature-Dependent Raman Scattering Study of RbNbWO6 and CsTaWO6 Defect Pyrochlores — Origin of Bands Forbidden for the Cubic Structure and Relaxor-Like Behaviour. (P)

23th Int.Conf.on Raman Spectroscopy (ICORS 2012) Bangalore, KA, IN, 2012.08 12–17

108. **K. Maleszka-Bagińska**,

??? (C)

PhoBia Ann. Nanophotonics Int.Conf. (PANIC 2012) Wrocław, PL, 2012.04 25–27

109. **M.A.Małecka**, **L.Kępiński**,

Synteza mieszanych krzemianów lantanowców. [Synthesis of the Mixed Silicides of Lanthanides.] (P)

54. Konwers. Krystalograficzne [54th Polish Crystallographic Meet.] Wrocław, PL, 2012.07 05–07

110. **K. Maleszka-Bagińska**, **P.J. Dereń**,

Spectroscopic Properties of $Mg1\quad xCa_x(Al_2\ _yGa_y)_2O_4$ Doped with Neodymium Spinel Nanopowders. (P)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

111. **K. Maleszka-Bagińska**, **A.Watras**, **R. Pązik**, **P.J. Dereń**,

Spectroscopic Properties of Eu^{3+} in the $Mg_2Si_5Al_4O_{18}$ Cordierite Polycrystalline Powders. (P)

3th Int.Conf.on the Physics of Optical Materials & Devices (ICOM 2012) Belgrade, RS, 2012.09 03–06

112. **K. Maleszka-Bagińska**, **A.Watras**, **R. Pązik**, **P.J. Dereń**,

Spectroscopic Properties of Eu^{3+}-Doped Cordierite (Mg2Si5Al4O18) Polycrystalline Powders. (P)

11th Int. Krutyń Summ.Sch. 2012, "Cutting Edge Luminescent Materials: Shifting the Frontiers", Krutyń, PL, 2012.09 23–29

113. **K. Maleszka-Bagińska**, **A.Watras**, **R. Pązik**, **P.J. Dereń**,

Spectroscopic Properties of Eu^{2+} in a Polycrystalline Cordierite Powder. (C)

6th Int.Worksh.on Advanced Materials Science & Nanotechnology (IWAMSN 2012) Ha Long, VN, 2012.10 30 –.11 02

114. E.Malicka, T.Groń, A.W.Pacyna, A.Ślebarski, J.Goraus, **A.Gągor**, T.Mydlarz,

Specific Heat and Magnetic Properties of Single-Crystalline $(Zn_{0:925}In_{0:054})[Cr_{1:84}In_{0:152}]Se_4$ Semiconductor. (P)

41th "Jaszowiec" Int.Sch.& Conf.on the Physics of Semiconductors, Krynica-Zdrój, PL, 2012.06 08–15

115. **H. Manuszkiewicz**, **L. Lipiński**, **A.Kowal**,

Wzorcowanie rezystancyjnych mostków stosunkowych. [Calibration of Resistive Rational Bridges.] (C)

IX Og.-Pol.konf. „Podstawowe Problemy Metrologii" [9th Polish Conf.on Fundamental Problems of Metrology] (PPM 2012) Krynica-Zdrój, PL, 2012.06 03–06

116. **Ł.Marciniak**, J.Cichos, **D. Hreniak**, M.Karbowiak, **W. Stręk**,

The Impact of Solvent on Spectroscopic Properties of Colloidal Solutions of $NaGdF_4 : Yb^{3+};Er^{3+}$ Nanocrystals. (P)

Int.Summ.Sch.on Fluorescent Nano-Particles in Bio-Medicine, Miraflores de la Sierra (Madrid), ES, 2012.08 06-20

117. **Ł.Marciniak**, **D. Hreniak**, **A.Bednarkiewicz**, **W. Stręk**,

Spectroscopic Properties of $X\,LaP_4O_{12}$ ($X = Li;Na;K;Rb$) Nanocrystals Doped with Nd^{3+} Ions as Potential Temperature Sensors. (C)

6th Int.Worksh.on Advanced Materials Science & Nanotechnology (IWAMSN 2012) Ha Long, VN, 2012.10 30 –.11 02

118. **Ł.Marciniak**, **W. Stręk**, **A.Bednarkiewicz**, **D. Hreniak**,

Energy Transfer Investigations in Dy^{3+} and Yb^{3+}-Co-doped $LiLaP_4O_{12}$ Nanocrystals. (P)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

119. **Ł. Marciniak**, **W. Stręk**, **D. Hreniak**,

Synthesis and Luminescence Properties of $LiLa_{1-x}Dy_xP_4O_{12}$ Nanocrystals. (C)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

120. **Ł.Marciniak**, **W. Stręk**, **D. Hreniak**, A.Wiatrowska, E.Zych,

Investigation of Optical Properties of $LiLaP_4O_{12}$ Nanocrystals Doped with Dy^{3+} for Application in White Light Generation. (P)

6th Int.Worksh.on Advanced Materials Science & Nanotechnology (IWAMSN 2012) Ha Long, VN, 2012.10 30 –.11 02

121. **M. Matusiak**, K.Conder,

Magneto-thermoelectric Effects in $Fe_{1+d}Te_{1-x}Se_x$. (P)

APS March Meet. 2012 Boston, MA, US, 2012.02 27 –.03 02

122. **M. Matusiak**, **D. Gnida**, **D. Kaczorowski**,

Anomalous Thermoelectric Effects in the Heavy-Fermion Superconductor Ce_2PdIn_8. (C)

[19th] Int.Conf.on Magnetism (ICM '12) Busan, KR, 2012.07 08–13

123. A.Merlone, G.Lopardo, I.Antonsen, S.Bell, R.Benyon, N.Boese, V.Ciftci, M.Dobre, J.Drnovsek, E.Georgin, E.Grudniewicz, M.Heinonen, M.Holmsten, C. von Holstein-Rathlou, J.Johansson, D. del Campo, C.Melvad, J.Merrison, K.Migała, J.Ranostaj, H.Saathoff, D.Smorgon, F.Sparasci, R.Strnad, **A.Szmyrka-Grzebyk**, E.Vuillermoz,

A New Challenge for Meteorological Measurements: The "MeteoMet" Project – *Metrology for Meteorology.* (C)

9th Int. Temperature Symp. (ITS^9) Los Angeles, CA, US, 2012.03 19–23

124. A.Merlone, G.Lopardo, S.Bell, R.Benyon, A.R.Bergerud, N.Boese, M.Brunet, R.Deboli, M.Dobre, C.Garcia Izquierdo, E.Georgin, E.Grudniewicz, M.Heinonen, D.Hudoklin, P.Klason, C. von Holstein-Rathlou, J.Johansson, H.Kaykisizli, C.Melvad, K.Migała, R.Knorova, H.Saathoff, D.Smorgon, F.Sparasci, R.Strnad, **A.Szmyrka-Grzebyk**, E.Vuillermoz,

A New Challenge for Meteorological Measurements: The "MeteoMet" Project – *Metrology for Meteorology.* (P)

12th European Meteorological Society Ann.Meet. & 9th Eur.Conf.on Applied Climatology (EMS-12 + ECAC-9) Łódź, PL, 2012.09 10-14

125. A.Merlone, G.Lopardo, S.Bell, R.Benyon, A.R.Bergerud, N.Boese, M.Brunet, R.Deboli, M.Dobre, C.Garcia Izquierdo, E.Georgin, E.Grudniewicz, M.Heinonen, D.Hudoklin, P.Klason, C. von Holstein-Rathlou, J.Johansson, H.Kaykısızlı, C.Melvad, K.Migała, R.Knorova, H.Saathoff, D.Smorgon, F.Sparasci, R.Strnad, **A.Szmyrka**, E.Vuillermoz,

A New Challenge for Meteorological Measurements: The "MeteoMet" Project – *Metrology for Meteorology.* (L)

WMO Techn.Conf.on Meteorological and Environmental Instruments and Methods of Observation (TEKO 2012) Brussels, BE, 2012.10 16–18

126. N.Miniajluk, S.Hull, J.Trawczyński, **R. Klimkiewicz**,

Porównania katalizatorów perowskitowych w modelowych reakcjach związków tlenowych charakterystycznych dla produktów syntezy F–T. [???.] (P)

XLIV Og.-pol. Kolokwium Katalityczne [44th Polish Ann.Conf.on Catalysis] Cracow, PL, 2012.03 14–16

127. **M. Misiak**, K.Prorok, **A.Bednarkiewicz**,

Thulium Concentration Quenching in the Up-converting Colloidal Tm^{3+}= Yb^{3+} : $NaYF_4$ Nanocrystals. (P)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

128. K.Mokrzycka, **R.J. Wiglusz**,

Nanoapatyty jako nowe nośniki leków. (C)

I Wrocławska Konferencja Studentów Nauk Technicznych i Ścisłych (Puzzel 2012) Wrocław, PL, 2012.04 28–29

129. A.Morawski, T.Cetner, **A.Zaleski**, D.Gajda, M.Rindfleisch, M.Tomsic, T.Czujko, R.Diduszko,

New-Hot High Pressure Technologies for High Performance MgB_2 Conductors in Practice. (I)

Int.Conf.on Superconductivity & Magnetism, İstanbul, TR, 2012.04 29 –.05 04

130. A.M.Nowak, **J. Janczak**, V.Videnova-Adrabińska,

Structural Studies of 5-Sulfoisophthalic Acid Complex with Melamine. (P)

54. Konwers. Krystalograficzne [54th Polish Crystallographic Meet.] Wrocław, PL, 2012.07 05–07

131. A.M.Nowak, **J. Janczak**, V.Videnova-Adrabińska,

Supramolecular Networks in Hydrogen-Bonded Complexes of 2-Aminopyrimidine with Malonic and Glutaric Acid. (P)

54. Konwers. Krystalograficzne [54th Polish Crystallographic Meet.] Wrocław, PL, 2012.07 05–07

132. **B. Nowak**, **D. Kaczorowski**,

NMR Studies of Topologically Trivial / Nontrivial Half-Heusler Phases (P)

18th Int.Conf.on Solid Compounds of Transition Elements (SCTE 2012) Lisbon, PG, 2012.03 31 –.04 05

133. **J. Okal**, **M. Zawadzki**, **L.Krajczyk**,

Katalityczne spalanie metanu na nowych katalizatorach Ru= $ZnAl_2O_4$. [Catalytic Combustion of Methane on New Catalysts Ru/ $ZnAl_2O_4$.] (P)

XLIV Og.-pol. Kolokwium Katalityczne [44th Polish Ann.Conf.on Catalysis] Cracow, PL, 2012.03 14–16

134. B.V.Padlyak, **W. Ryba-Romanowski**, **R. Lisiecki**, V.T.Adamiv, Ya.V.Burak, I.M.Teslyuk,

Optical Spectroscopy of Nd-Doped Borate Glasses. (C)

Int.Conf.on Oxide Materials for Electronic Engineering: Fabrication, Properties & Applications (OMEE-2012) L'viv, UA, 2012.09 03–07

135. M.Pasturel, **A.P. Pikul**, **P. Wiśniewski**, H.El Bekkachi, A.Soudé, O.Tougait, H.Noël,

Evolution of the Magnetic and Electrical Properties in the Ce–Co–Ge System. (C)

18th Int.Conf.on Solid Compounds of Transition Elements (SCTE 2012) Lisbon, PG, 2012.03 31 –.04 05

136. F.Pavese, M.Fahr, Y.Hermier, K.D.Hill, Jin Seong Kim, **L. Lipiński**, K.Nagao, T.Nakano, A.Peruzzi, F.Sparasci, P.P.M.Steur, **A.Szmyrka-Grzebyk**, O.Tamura, W.L.Tew, S.Valkiers, J. van Geel,

Dependence of the Triple Point Temperature of Neon on Isotopic Composition and Its Implications for the ITS-90. (C)

9th Int. Temperature Symp. (ITS^9) Los Angeles, CA, US, 2012.03 19–23

137. **R. Pązik**, Z.Piotrowska, **A.Watras**, **R.J. Wiglusz**, **P.J. Dereń**,

Energy Transfer from NIR to UV-VIS in New Yb^{3+} and Er^{3+} Co-doped $ZnGa_2O_4$ Nanophosphor. (P)

6th Int.Worksh.on Advanced Materials Science & Nanotechnology (IWAMSN 2012) Ha Long, VN, 2012.10 30 –.11 02

138. **R. Pązik**, K. Zawisza, **A.Watras**, **K. Maleszka-Bagińska**, P.Boutinaud, R.Mahiou, **P.J. Dereń**,

Luminescence Properties and Emission Quenching Processes in Eu^{3+}-Doped $La_2CaB_{10}O_{19}$. (C)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

139. **R. Pązik**, K. Zawisza, **A.Watras**, **K. Maleszka-Bagińska**, P.Boutinaud, R.Mahiou, **P.J. Dereń**,

Luminescence Properties and Emission Quenching Processes in Eu^{3+}-Doped $Ca_9Al(PO_4)_7$. (C)

3th Int.Conf.on the Physics of Optical Materials & Devices (ICOM 2012) Belgrade, RS, 2012.09 03–06

140. F.Piccinelli, A.Speghini, M.Bettinelli, M.Miritello, R.Lo Savio, P.Cardile, F.Priolo, **Ł.Marciniak**, **W. Stręk**, **D. Hreniak**,

Structural and Spectroscopic Studies of Nanocrystalline Thin Films and Powders of Yttrium Disilicate Doped with Er^{3+} Ions. (P)

6th Int.Worksh.on Advanced Materials Science & Nanotechnology (IWAMSN 2012) Ha Long, VN, 2012.10 30 –.11 02

141. **A.Pietraszko**, **A.Gągor**, A.Majchrowski,

X-ray Study of Mixed Multiferroic Crystal $Bi_{1-x}Sm_xFeO_3$. (P)

20th Polish–Czech Semin.on Structural and Ferroelectric Phase Transitions, Ustroń, PL, 2012.05 21–25

142. **A.Pietraszko**, **A.Gągor**, A.Majchrowski,

X-ray Study of Mixed Multiferroic Crystal $Bi_{1-x}Sm_xFeO_3$. (P)

54. Konwers. Krystalograficzne [54th Polish Crystallographic Meet.] Wrocław, PL, 2012.07 05–07

143. **A.P. Pikul**,

Short-Range Magnetic Ordering in Y-Diluted $CeNiGe_3$ and Th-Diluted $UNiSi_2$. (L)

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144. **A.Pikul**, **D. Kaczorowski**,

Evolution from a Localized to an Intermediate Valence Regime in $Ce_2Cu_{2-x}Ni_xIn$. (P)

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145. **A.Pikul**, M.Pasturel, A.Soude, **P. Wiśniewski**, O.Tougait, G.André, **D. Kaczorowski**, H.Noël,

Evolution of Magnetic and Transport Properties in the Ce–Co–Ge Ternary System. (C)

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146. Z.Piotrowska, **R. Pązik**, **A.Watras**, **P.J. Dereń**, **R.J. Wiglusz**,

Structure Evolution and Up-Conversion Phenomena of Erbium and Ytterbium-Activated $ZnAl_2O_4$ Nanoparticles. (P)

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Comparison of Energy Transfer from NIR to UV–VIS in New Yb^{3+} and Er^{3+} Co-doped $ZnAl_2O_4$ and $ZnO-ZnGa_2O_4$ Composite Nanophosphor. (P)

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Synteza i badania fizykochemiczne spineli cynkowych domieszkowanych jonami lantanowców. [?] (C)

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149. J.Pisarska, Ł.Grobelny, J.Janek, W.A.Pisarski, **R. Lisiecki**, **W. Ryba-Romanowski**,

NIR Luminescence at 1800 nm and Up-conversion Processes in Lead Germanate Glasses Co-doped with Yb^{3+} and Tm^{3+}. (P)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

150. K.Pogorzelec-Glaser, A.Rachocki, **A.Pietraszko**,

Struktura krystaliczna oraz molekularna selenianu triazolowego. [???] (P)

54. Konwers. Krystalograficzne [54th Polish Crystallographic Meet.] Wrocław, PL, 2012.07 05–07

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Structural Peculiarities of Distilled- and Hydrogenated-Gd and Their Role in the Formation of Magnetocaloric Properties. (O)

IV Межд.Конф. «Функциональные наноматериалы и высокочистые вещества» [4th Int.Conf.on Functional Nanomaterials & High-Purity Materials] (ФНМ 2012) Suzdal, RU, 2012.10 01–05

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XRD, Raman, and Magnetic Properties Studies of $Bi_{1-x}La_xFeO_3$ Solid Solution Obtained by Mechanochemical Synthesis. (P)

20th Polish–Czech Semin.on Structural and Ferroelectric Phase Transitions, Ustroń, PL, 2012.05 21–25

153. M.Preisner, A.Kulma, J.Żebrowski, L.Dymińska, **J. Hanuza**, J.Szopa,

Reducing Pectin Level in Flax Plants: New Quality of Flax Fibre. (P)

22nd Int. Union of Biochemistry and Molecular Biology Congr. & 37th Federation of European Biochemical Societies Congr. Seville, ES, 2011.09 04–09

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Energy Up-conversion in Tb^{3+}= Yb^{3+} Codoped Colloidal $NaYF_4$ Nanocrystals. (P)

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155. **M. Ptak**, **M. Mączka**, **A.Pikul**, **J. Hanuza**,

Synthesis and Physicochemical Properties of $CoCr_2O_4$, $NiCr_2O_4$ and $CoFe_xCr_{2-x}O_4$ Spinels. (P)

23th Int.Conf.on Raman Spectroscopy (ICORS 2012) Bangalore, KA, IN, 2012.08 12–17

156. M.Puchalska, E.Zych, M.Sobczyk, **A.Watras**,

Cooperative Energy Transfer in Tb^{3+} Yb^{3+} and Eu^{3+} Yb^{3+} Doped $CaAl_4O_7$. (C)

6th Int.Worksh.on Advanced Materials Science & Nanotechnology (IWAMSN 2012) Ha Long, VN, 2012.10 30 –.11 02

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Critical Behavior of the 3D-Ising Ferromagnets $Cd[Cr_xTi_y]Se_4$. (P)

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158. **K. Rogacki**, **K. Oganisian**, N.D.Zhigadlo, S.Katrych, J.Karpinski,

Influence of Doping and Scattering on Anisotropic Properties of MgB_2 Substituted with Li, Al, and C. (P)

[10th] Int.Conf.on Materials & Mechanisms of Superconductivity (M^2S 2012) Washington, DC, US, 2012.07 29 –.08 03

159. **T.V. Romanova**, **P. Stachowiak**, **A.Jeżowski**, A.I.Krivchikov,

Thermal Conductivity of Simple Semi-2D Dielectric Crystals. (P)

9th Conf.on Cryocrystals and Quantum Crystals (CCQC-9) Odessa, UA, 2012.09 02–08

160. **D. Rudnicka**, **P.J. Dereń**,

Spectroscopic Properties of Ti^{4+}-Doped $ZnAl_2O_4$. (P)

3th Int.Conf.on the Physics of Optical Materials & Devices (ICOM 2012) Belgrade, RS, 2012.09 03–06

161. **D. Rudnicka**, **P.J. Dereń**,

Synthesis and Luminescence Properties of Sialon Doped with Eu^{2+}. (C)

6th Int.Worksh.on Advanced Materials Science & Nanotechnology (IWAMSN 2012) Ha Long, VN, 2012.10 30 –.11 02

162. **D. Rudnicka**, **P.J. Dereń**, **P. Głuchowski**,

Nitridosilicates Phosphor for White LED. (P)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

163. **D. Rudnicka**, **P. Głuchowski**, **W. Stręk**, **P.J. Dereń**,

Nitridosilicates Phosphors for White LEDs. (C)

PhoBia Ann. Nanophotonics Int.Conf. (PANIC 2012) Wrocław, PL, 2012.04 25–27

164. **D. Rudnicka**, **W. Walerczyk**, **P.J. Dereń**,

Spectroscopic Properties of $ZnAl_2O_4$ Doped with Tb^{3+};Pr^{3+},... (P)

11th Int. Krutyń Summ.Sch. 2012, "Cutting Edge Luminescent Materials: Shifting the Frontiers", Krutyń, PL, 2012.09 23–29

165. **W. Ryba-Romanowski**, **R. Lisiecki**, **A.Strzęp**, **G. Dominiak-Dzik**, **B. Macalik**, **R.M. Kowalski**,

Conversion of Ultrashort Infrared Light Pulses into the Visible Emission in Vanadate Crystals Undoped and Doped with Erbium or Thulium. (P)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

166. M.L.Saladino, **D. Hreniak**, **Ł.Marciniak**, **W. Stręk**, E.Caponetti,

Ce:YAG-PMMA Nanocomposite for White LED. (C)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

167. **M. Samsel-Czekała**, **M.J. Winiarski**,

Electronic Structure of Iron $(Lu; Y; Sc)_2Fe_3Si_5$ and Relative Nickel 235 Superconductors from First Principles. (P)

[3rd] Int. Worksh.on New Generation in Strongly Correlated Electron Systems (NGSCES 2012) Portoroz, SI, 2012.06 25–29

168. **M. Samsel-Czekała**, **M.J. Winiarski**,

The Fermi Surface Topology of the Heavy-Fermion Superconductor $Ce_2Ni_3Ge_5$ and Its Reference Compound $Ce_2Ni_3Si_5$ from First Principles. (P)

Int.Conf.on Quantum Criticality & Novel Phases (QCNP 2012) Dresden, DE, 2012.08 26–29

169. S.Shuvaev, O.Kotova, V.Baulin, A.Vaschenko, N.Kuzmina, **Ł.Marciniak**,

Lanthanide Complexes with Aromatic o-Phosphorylated Phenols – New Precursors of Electroluminescent Materials. (P)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

170. A.Sieradzki, D.Szewczyk, **A.Jeżowski**, R.Poprawski, A.Ciżman,

Evidence of the Ferroelastic Phase Transition in Na_2TiGeO_5 Ceramics. (P)

20th Polish–Czech Semin.on Structural and Ferroelectric Phase Transitions, Ustroń, PL, 2012.05 21–25

171. **P. Solarz**,

Conversion of VUV to Visible Light and the Structure of the d-Levels in $K_5Li_2GdF_{10}$: Dy. (P)

8th Int.Conf.on Luminescent Detectors and Transformers of Ionizing Radiation (LUMDETR 2012) Halle (Saale), DE, 2012.09 10–14

172. **P. Stachowiak**, **T.V. Romanova**, **A.Jeżowski**, A.I.Krivchikov,

A (Universal?) T^2 Behavior of Low-Temperature Thermal Conductivity of Some Simple Dielectric Crystals. (P)

9th Conf.on Cryocrystals and Quantum Crystals (CCQC-9) Odessa, UA, 2012.09 02–08

173. B.Staśkiewicz, S.Dacko, **J. Baran**, Z.Czapla,

Successive Phase Transitions in Tera(isopropylamine)decachlorotricadmate(II) **$[(CH_3)_2CHNH_3]_4Cd_3Cl_{10}$ Crystal.** (C)

20th Polish–Czech Semin.on Structural and Ferroelectric Phase Transitions, Ustroń, PL, 2012.05 21–25

174. P.P.M.Steur, F.Pavese, B.Fellmuth, Y.Hermier, K.D.Hill, J.S.Kim, **L.Lipiński**, K.Nagao, T.Nakano, A.Peruzzi, F.Sparasci, **A.Szmyrka-Grzebyk**, O.Tamura, W.L.Tew, S.Valkiers, J. van Geel,

Isotopic Effects in the Neon Fixed Point. (P)

BIPM: 26th Meet.of the Consultative Committee for Thermometry, Paris, FR, 2012.05 24–25

175. U.Stockert, **A.P. Pikul**, N.Caroca-Canales, S.Hartmann, C.Geibel, F.Steglich,

Thermoelectric Transport in $Ce_{1-x}La_xNi_2Ge_2$. (P)

76. J.t.g der DPG und DPG-Frühjahrstagung, Berlin, DE, 2012.03 25–30

176. **W. Stręk**, **D. Hreniak**, **Ł.Marciniak**,

Anti-Stokes White Emission in Rare-Earth-Doped Nanocrystalline Materials. (I)

5th Brazilian Meet.on Rare Earth, ???, ??, BR, 2012.04 10–13

177. **W. Stręk**, **Ł.Marciniak**, **P. Głuchowski**, **D. Hreniak**,

IR Stimulated Broadband White Luminescence of YbAG Nanocrystals. (P)

4th Int.Worksh.on Photoluminescence in Rare Earths: Photonic Materials & Devices (PRE'12) Kyoto, JP, 2012.03 27–30

178. **W. Stręk**, **Ł.Marciniak**, **D. Hreniak**,

IR-Pumped Broadband White Emission of Nd^{3+} Doped Systems. (I)

4th Int.Conf.of Luminescence and Its Applications (ICLA-2012) Hyderabad, AP, IN, 2012.02 07–10

179. **W. Stręk**, **Ł.Marciniak**, **D. Hreniak**,

Infrared-Induced Broad-Band White Emission in Rare Earth Systems. (I)

Int.Sch.of Atomic & Molecular Spectroscopy, 29th Worksh.on Fluorescence Spectroscopy 50 Years After the Appearance of the Judd–Ofelt Theory, Erice, IT, 2012.07 01–10

180. **W. Stręk**, **Ł.Marciniak**, **D. Hreniak**,

Anti-Stokes White Emission of $LiNdP_4O_{12}$ Nanocrystals. (C)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

181. **W. Stręk**, **Ł.Marciniak**, **D. Hreniak**,

Concentration Dependence of Excitation Spectra of $LiLa_{1-x}Nd_xP_4O_{12}$ Nanocrystals. (P)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

182. **W. Stręk**, **Ł.Marciniak**, **D. Hreniak**,

CT Luminescence or Incadescence? IR Stimulates White Emission of RE Nanocrystals. (I)

3th Int.Conf.on the Physics of Optical Materials & Devices (ICOM 2012) Belgrade, RS, 2012.09 03–06

183. **W. Stręk**, **Ł.Marciniak**, **D. Hreniak**,

Broadband White Anti-Stokes Emission of Tetraphosphate Nanocrystals Doped with Rare Earth Ions. (I)

6th Int.Worksh.on Advanced Materials Science & Nanotechnology (IWAMSN 2012) Ha Long, VN, 2012.10 30 –.11 02

184. **A.Strzęp**, **W. Ryba-Romanowski**, **G. Dominiak-Dzik**, M.Berkowski,

Luminescence Study on Samarium Doped Gd_2SiO_5–Lu_2SiO_5 Solid State Solutions. (P)

8th Int.Conf.on Luminescent Detectors and Transformers of Ionizing Radiation (LUMDETR 2012) Halle (Saale), DE, 2012.09 10–14

185. **A.Strzęp**, **W. Ryba-Romanowski**, X.Xu, J.Xu,

Spectroscopic Characterization of Pr^{3+} Doped $Lu_3Al_5O_{12}$ Single Crystal. (C)

4th Int.Worksh.on Photoluminescence in Rare Earths: Photonic Materials & Devices (PRE'12) Kyoto, JP, 2012.03 27–30

186. **A.Strzęp**, **W. Ryba-Romanowski**, X.Xu, J.Xu,

Charakterystyka spektroskopowa i warunki osiągnięcia inwersji obsadzeń jonów Sm^{3+} w krysztale $Ca(NbO_3)_2$. [???] (P)

X Symp. Techniki Laserowej [10th Symp.on Laser Technology] (XSTL) Szczecin–Świnoujście, PL, 2012.09 24–28

187. **W. Suski**, **A.Pikul**, **K. Wochowski**, A.Gilewski, T.Mydlarz, **D. Badurski**,

Magnetic, Electrical and Thermodynamic Properties of $UCuT_xAl_{11-x}$, where T = Mn,Fe and x = 4 or 5. (C)

Int.Conf.on Superconductivity & Magnetism, İstanbul, TR, 2012.04 29 –.05 04

188. **M. Suszyńska**, **L.Krajczyk**,

Microstructure and Microprecipitation in Copper-Doped Soda–Lime Silicate Glass. (C)

17th Int.Conf.on Defects in Insulating Materials (ICDIM 2012) Santa Fé, NM, US, 2012.06 24–29

189. **P. Swatek**, **P. Wiśniewski**, A.Gukasov, **D. Kaczorowski**,

Polarized Neutron Diffraction Study on the Magnetic Ordering in UMn_2Al_20. (P)

[19th] Int.Conf.on Magnetism (ICM '12) Busan, KR, 2012.07 08–13

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Synthesis, Structural and Photophysical Characteristic of Nanophosphors Based on Rare Earth Vanadates. (P)

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191. **M. Szlawska**, **D. Kaczorowski**,

Antiferromagnetic Ordering in Single-Crystalline Ce_2IrSi_3 . (P)

19th Int.Conf.on Magnetism (ICM '12) Busan, KR, 2012.07 08–13

192. **M. Szlawska**, **D. Kaczorowski**,

Non-Fermi Liquid Behavior in Single-Crystalline Ce_2CoSi_3 . (P)

Int.Conf.on Quantum Criticality & Novel Phases (QCNP 2012) Dresden, DE, 2012.08 26–29

193. **A.Szmyrka-Grzebyk**, **A.Kowal**, **L. Lipiński**, **H. Manuszkiewicz**, P.P.M.Steur, F.Pavese,

The Transition of Oxygen as a Secondary Fixed Point. (P)

9th Int. Temperature Symp. (ITS^9) Los Angeles, CA, US, 2012.03 19–23

194. **J. Sznajd**,

Critical Point of a Para–Ferrimagnetic Phase Transition of the ANNNI Model in a Field. (P)

37th Conf.on the Middle European Cooperation in Statistical Physics (MECO-37) Tatranské Matliare, SK, 2012.03 18–22

195. **J. Sznajd**,

Linear Perturbation Renormalization Group Method for Ising-Like Spin Systems. (L)

4th Conf.on Statistical Physics: Modern Trends and Applications, L'viv, UA, 2012.07 03–06

196. M.B.Tchoula Tchokonté, Z.M.Mahlubi, P.d.V.du Plessis, A.M.Strydom, **D. Kaczorowski**,

Moment-Bearing Tb Substitution in $CePt_2Si_2$. (P)

19th Int.Conf.on Magnetism (ICM '12) Busan, KR, 2012.07 08–13

197. I.S.Tereshina, G.S.Burkhanov, N.B.Kolchugina, G.A.Politova, E.A.Tereshina, O.D.Chistyakov, **D. Badurski**, **H. Drulis**,

Structure, Electrical, Magnetic, and Magnetocaloric Properties of High-Purity and Hydrogenated Gd. (I)

Int.Conf.on Superconductivity & Magnetism, İstanbul, TR, 2012.04 29 –.05 04

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The Absolute Value of Critical Grain Size – Does It Exist ? (P)

20th Polish–Czech Semin.on Structural and Ferroelectric Phase Transitions, Ustroń, PL, 2012.05 21–25

199. **P. Tomaszewski**,

Czy Jan Czochralski był krystalografem ? [Was Jan Czochralski a Crystallographer ?] (C)

54. Konwers. Krystalograficzne [54th Polish Crystallographic Meet.] Wrocław, PL, 2012.07 05–07

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Nanoniespodzianki – ciąg dalszy nanopułapek. [Nano-Surprises – Further Nano-Traps.] (P)

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Wielki powrót Jana Czochralskiego. [Great Return of Jan Czochralski.] (P)

54. Konwers. Krystalograficzne [54th Polish Crystallographic Meet.] Wrocław, PL, 2012.07 05–07

202. **V.H. Tran**,

Interplay between Magnetism and Superconductivity in Solid Solutions Derived from AFe$_2$As$_2$ (A = Ca, Ba, Eu, and La) Compounds. (I)

3rd Int.Conf.for Young Scientists: Low Temperature Physics (ICYS-LTP-2012) Kharkov, UA, 2012.05 14–18

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Interplay between Magnetism and Superconductivity in Solid Solutions $(A_{1-x}A^{0}_{x})$(Fe$_{1-y}$Co$_y$)$_2$As$_2$, where $A;A^{0}$ = Ca;Ba;Eu and La. (I)

6th Int.Worksh.on Advanced Materials Science & Nanotechnology (IWAMSN 2012) Ha Long, VN, 2012.10 30 –.11 02

204. **L.M. Tran**, **Z. Bukowski**, **A.J. Zaleski**,

Electron Transport Properties of Eu$_{0:72}$Ca$_{0:28}$(Fe$_{0:82}$Co$_{0:18}$)$_2$As$_2$ Single Crystal. (P)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

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Magnetic, Specific Heat and Electron Transport Properties of a Novel Intermetallic Compound Np$_2$PtGa$_3$. (P) P-??

42èmes Journées des Actinides (JdA 2012) Bristol, E, UK 2012.04 18–21

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Magnetic Field-Induced Superconductivity in the Canted Antiferromagnet Eu(Fe$_{0:81}$Co$_{0:19}$)$_2$As$_2$. (P)

19th Int.Conf.on Magnetism (ICM '12) Busan, KR, 2012.07 08–13

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Overcritical Current–Voltage Characteristics of HTSC Composite Tapes Measured by a Pulse Method. (P)

24th Int. Cryogenic Engineering Conf. + Int. Cryogenic Materials Conf. 2012 (ICEC 24 – ICMC 2012), Fukuoka, JP, 2012.05 14–18

208. **A.Watras**, **P.J. Dereń**, A.Matraszek, I.Szczygieł, **J. Hanuza**,

Luminescence Properties of New Red Phosphor KCa(PO$_3$)$_3$ Doped with Eu^{3+} Ions. (C)

3th Int.Conf.on the Physics of Optical Materials & Devices (ICOM 2012) Belgrade, RS, 2012.09 03–06

209. **A.Watras**, **R. Pazik**, **P. Dereń**,

Luminescence Properties of New Red Phosphor KYP_2O_7 Doped with Eu^{3+} Ions. (C)

6th Int.Worksh.on Advanced Materials Science & Nanotechnology (IWAMSN 2012) Ha Long, VN, 2012.10 30 –.11 02

210. **A.Watras**, **R. Pązik**, **K. Maleszka-Bagińska**, **P.J. Dereń**,

Luminescence Properties of $Ca_9Al(PO_4)_7$ Doped with Eu^{2+} and Eu^{3+} Ions. (C)

PhoBia Ann. Nanophotonics Int.Conf. (PANIC 2012) Wrocław, PL, 2012.04 25–27

211. **A.Watras**, **R. Pązik**, **K. Maleszka-Bagińska**, K.Zawisza, **P.J. Dereń**,

Luminescence Properties of $Ca_9Al(PO_4)_7$ Doped withEu^{2+} and Eu^{3+} Ions. (C)

8th Int.Conf.on f-Elements (ICFE-8) Udine, IT, 2012.08 26–31

212. M.Węcławik, A.Piecha, **A.Gągor**, R.Jakubas,

Crystal Structure and Characterization of Imidazolium Iodide $[C_3N_2H_5^+][I\ ]$. (P)

20th Polish–Czech Semin.on Structural and Ferroelectric Phase Transitions, Ustroń, PL, 2012.05 21–25

213. M.Węcławik, **A.Gągor**, M.Słoboda, R.Jakubas, A.Piecha,

Struktura krystaliczna i nietypowe właściwości dielektryczne nowej pochodnej z grupy halogenobizmutanów(III) **z kationem** N ;N **-dimetyloetyloamoniowym.** [???] (P)

XVIII Og.-Pol.Konf. „Kryształy Molekularne" [18th Polish Conf.on Molecular Crystals] Gdańsk (Wyspa Sobieszewska) PL, 2012.09 10–14

214. **R.J. Wiglusz**, **R. Pązik**,

Structure and Morphology Evolution in the Spinel Nano-series ZnX_2O_4 , X Al;Ga;In. Consequences for the Synthesis of Up-converting Phosphors. (C)

6th Int.Worksh.on Advanced Materials Science & Nanotechnology (IWAMSN 2012) Ha Long, VN, 2012.10 30 –.11 02

215. **M.J. Winiarski**, **M. Samsel-Czekała**,

Electronic Structure of the Heavy-Fermion Superconductor $Ce_2Ni_3Ge_5$ and Its Reference Compound $Ce_2Ni_3Si_5$ by *ab initio* Calculations. (P)

[3rd] Int. Worksh.on New Generation in Strongly Correlated Electron Systems (NGSCES 2012) Portoroz, SI, 2012.06 25–29

216. **P. Wiśniewski**, P.Przybylski, **D. Kaczorowski**, V.I.Zaremba,

Electronic Properties of $CeRh_{1\ x}Ge_xIn$: Evolution from an Intermediate-Valence to a Localized 4f-State. (P)

Int.Conf.on Quantum Criticality & Novel Phases (QCNP 2012) Dresden, DE, 2012.08 26–29

217. **P. Wiśniewski**, **P. Swatek**, A.Gukasov, **D. Kaczorowski**,

Polarized Neutron Diffraction Study of Ferromagnetism in UMn_2Al_{20} . (I)

Int.Worksh.: Advances in Triple-Axis Spectroscopy, Berlin, DE, 2012.12 11-12

218. A.Wojciechowska, **A.Gągor**,

Structural and Spectroscopic Characterization of Complexes with 2-Amino-3-(4-Hydroxyphenyl)-Propanoic Acid. (P)

54. Konwers. Krystalograficzne [54th Polish Crystallographic Meet.] Wrocław, PL, 2012.07 05–07

219. A.Wojciechowska, **A.Gągor**, A.Ozarowski, M.Duczmal, A.Trusz-Zdybek,

Zinc(II) and Nickel(II) Complexes with 2-amino-3-(4-hydroxyphenyl) Propanoic Acid (L-Tyr) – Synthesis, Crystal Structure, Spectroscopic, Magnetic and Biological Properties. (P)

11th Eur. Biological Inorganic Chemistry Conf. (EUROBIC 11) Granada, ES, 2012.09 12–16

220. J.Wolak, A.Pawłowski, M.Połomska, **A.Pietraszko**,

Molecular Dynamics in $(NH_4)_3H(SeO_4)_2$ at Superprotonic Phase Transitions: Raman Spectroscopy Study. (P)

20th Polish–Czech Semin.on Structural and Ferroelectric Phase Transitions, Ustroń, PL, 2012.05 21–25

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