

LISTA PUBLIKACJI 2026

LIST of PUBLICATIONS

ARTYKUŁY W CZASOPISMACH NAUKOWYCH

ARTICLES IN SCIENTIFIC JOURNALS

1. **O. BEZKROVNA, R. LISIECKI, O.S. BEZKROVNYI, I.Khalakhan, P.J. DEREŃ,**
Up-conversion and VIS-Luminescent Properties of Pr^{3+} Ions in $\text{SiO}_2 - \text{CsF}_2$.
Mater. Sci. Eng. B **323**, Pt B (2026) # 118 892 (12). [\[DOI\]](#)
2. **O. BEZKROVNA, R. LISIECKI, V. KINZHYBALO, N. REBROVA, P. ZDEB-STAŃCZYKOWSKA, P.J. DEREŃ,**
UVC Up-conversion and Luminescent Properties of $\text{KCaY}(\text{PO}_4)_2 : \text{Pr}^{3+}$ Phosphor.
J. Lumin. **289** (2026) # 121 671 (11). [\[DOI\]](#)
3. **A.Lo Bianco, F.Armetta, M.M.Calvino, G.E.G.Briuccia, B. MACALIK, D. HRENIAK, M.L.Saladino, G.Lazzara, G.Cavallaro,**
Invisible Near-Infrared Luminescent Marker Incorporating Egyptian Blue in Halloysite-Based Geopolymer Mortars: Applications in Covert Tagging.
J. Alloy. Compd. **1050** (2026) # 185 458 (10). [\[DOI\]](#)
4. **V. BOIKO, S.Foley, M. FANDZŁOCH, F.Allemand, F.Cecchet, Ch.Ramseyer, D. HRENIAK,**
Bovine Serum Albumin – Persistent Nanoparticle Interactions: Luminescence and RAMAN Data.
J. Mol. Struct. **1350**, Pt 2 (2026) # 143 894 (12). [\[DOI\]](#)
5. **M. CHAIKA,**
Temperature-Dependent Spectroscopy of Cr^{3+} : YGG Nanophosphors with Multisite Emission.
Mater. Res. Bull. **195** (2026) # 113 841 (15). [\[DOI\]](#)
6. **D. CZEKANOWSKA, E.Falletta, M.G.Galloni, V.Fabbrizio, QianQian Chen, C.Blavert, M.Serdechnova, E.R.Castellon, P. GŁUCHOWSKI,**
Plasma Electrolytic Oxidation-Derived WO_3 and WO_3 @LDH Hybrid Coatings as Immobilized Photocatalysts for Solar-Driven Water Treatment.
Sep. Purif. Technol. **381** (2026) # 135 585 (16). [\[DOI\]](#)
7. **J.P.Djaniš, M. SZYMCZAK, J.Hočevár, J.Iskra, B.Genorio, D.Lisjak, Ł.MARCINIAK, K. ELŻBIECIAK-PIECKA,**
Exploring the Interplay between Formation Mechanisms and Luminescence of Lignin Carbon Quantum Dots from Spruce Biomass.
Dyes Pigment. **246**, Pt 1 (2026) # 113 301 (9). [\[DOI\]](#)
8. **A.Gautam, H.Singh, P.K.Nayak, P.K. MISHRA, R.Y.Umetsu, D.Ghosh, A.K.Ganguli,**
Experimental and Theoretical Evidence of Nodal Line Semimetallic State in SmSbSe .
J. Solid State Chem. **354**, (2026) # 125 740 (?). [\[DOI\]](#)
9. **T. GAVRILKO, I.Gnatyuk, V.Styopkin, N.Shcherban, J. BARAN, M. DROZD,**
Molecular Interaction and Microstructure of Solid Fatty-Acid Binary Mixtures: Octadecanoic Acid and Docosanoic Acid.
J. Mol. Struct. **1350**, Pt 2 (2026) # 144 080 (12). [\[DOI\]](#)

10. B.Sh.Lakshmi, V.Sabari, **J.JANCZAK**, K.Sukumar, S.Thennarasu, B.Praveena, N.Kanagathara,
Structure, Vibrational Characterization and Nonlinear Optical Properties of D-Alanine-D-alaninium Hydrogen Phosphite Monohydrate.
J. Mol. Struct. **1349**, Pt 3 (2026) # 143 909 (13). [\[DOI\]](#)
11. B.Sh.Lakshmi, V.Sabari, E.Mohanapriya, K.Sukumar, **M.K. MARCHEWKA**, **J.JANCZAK**,
N.Kanagathara,
Structural, Vibrational, and Electronic Properties of bis (2-Ammonium-2 methyl-1-propanol Trifluoroacetate): A DFT and Spectroscopic Approach.
J. Mol. Struct. **1350** (2025) # 143 894 (12). [\[DOI\]](#)
12. **R. LISIECKI**, **P. SOLARZ**, **W. RYBA-ROMANOWSKI**,
Examination of Spectroscopic and Thermographic Qualities of Tm-Doped and Yb / Er Co-doped Germanate Tellurite Glasses.
Mater. Res. Bull. **194** (2026) # 113 786 (11). [\[DOI\]](#)
13. **N. MINIAJLUK-GAWEL**, **B. BONDZIOR**, **A.CHUDZYŃSKA**, **P.J. DEREŃ**,
Levitation Synthesis of Luminescent Glasses Based on LaAlO₃ : Tb³⁺ with Modified Spectroscopic Properties.
J. Lumin. **289** (2026) # 121 653 (7). [\[DOI\]](#)
14. S.Mtar, E.Bouaziz, **M. MACZKA**, P.Peksa, S.Shova, A.Sieradzki, M.Boujelbene,
Structural Distortions and Phase Transition Behavior in a New Thiocyanate-Based Manganese(II) Hybrid: Combined Experimental and Theoretical Investigation.
Inorg. Chem. Commun. **183**, Pt 2 (2026) # 115 839 (9). [\[DOI\]](#)
15. M.Olenchuk, G.Monastyrskiy, Yu.M.Barabash, O.Gnatyuk, Ie.Gubareni, G.Levchenko, A.Nikolenko, A.Tolochko, I.Kupchak, **G. DOVBESHKO**,
The Influence of 2D WS₂ Nanoparticles on the Liposomes Formation, Morphology and Spectral Properties.
J. Mol. Struct. **1352**, Pt 1 (2026) # 144 277 (13). [\[DOI\]](#)
16. **N. REBROVA**, A.Antuzevics, G.Doke, D.Nilova, **D. SZYMAŃSKI**, **P.J. DEREŃ**,
Efficient Ultraviolet Upconversion in Ca₂Al₂SiO₇ : Pr³⁺ Phosphors under 444 nm Excitation for Antibacterial Applications.
Mater. Sci. Eng. B **324**, Pt A (2026) # 119 000 (8). [\[DOI\]](#)
17. S.R.Abinaya-Roshini, N.Kanagathara, **M.K. MARCHEWKA**, **J.JANCZAK**, D.Jayalakshmi,
Growth, Structural, Optical, Morphological, Thermal, Laser Damage Threshold, and Hardness Properties of Organic-Inorganic Crystal: L-Argininium bis Dihydrogenarsenate.
J. Mol. Struct. **1352**, Pt 2 (2026) # 144 499 (9). [\[DOI\]](#)
18. N.Shahabadi, N.Ansari, M.Toufani, L.Soltani, **J.JANCZAK**,
Synthesis and Characterization of a Ni(II)-Carvedilol Complex and Its Biological Evaluation : X-ray Crystal Structure, Anticancer, and Antioxidant Activities.
J. Mol. Struct. **1351**, Pt 1 (2026) # 144 018 (6). [\[DOI\]](#)
19. **M. STEFAŃSKI**, **T.H.QUAN VU**, **R. TOMALA**, **D. STEFAŃSKA**,
Spectroscopic and Thermal Behavior of Ca₈MgLa(PO₄)₇ : Eu²⁺, Mn²⁺ Phosphor Powders and Polymer Composites.
Spectrochim. Acta A **349** (2026) # 127 328 (?). [\[DOI\]](#)
20. **G. SZKLARZ**, **A.KOWAL**,
Self-Heating Effects and Response Time of Commercial PRTs : an Experimental Study in Controlled Liquid and Air Environments.
Measurement **259**, Pt A (2026) # 119 652 (11). [\[DOI\]](#)

21. Peng Wang, XuanChu Liu, JinHua Wang, Jian Kang, Yang Li, **W. STRĘK**, **R. TOMALA**, **M. STEFAŃSKI**, HongBin Cai, Hao Chen, Le Zhang,
Optical Field Modulation and Its Mechanism of YAG : Ce / Al₂O₃ Composite Phosphor Ceramic in High-Power Laser Lighting.
J. Lumin. **289** (2026) # 121 650 (8). [\[DOI\]](#)
22. LeLe Xu, TianYuan Zhou, Xuan Meng, Xin Meng, WeiTao Mao, **W. STRĘK**, Hao Chen, Le Zhang,
Charge Compensation Strategy for Mitigating the Solarization Induced Color Centers in Highly Transparent Cr, Nd : YAG Ceramics.
Opt. Mater. **169** (2026) # 117 628 (8). [\[DOI\]](#)
23. **P. ŽEMOJTEL**, **B. CICHY**, **W. STRĘK**,
Fine Tuning of the Spectroscopic Properties of Semiconductor CdSe Nanorings by Size.
J. Mol. Struct. **1351**, Pt 1 (2026) # 144 127 (5). [\[DOI\]](#)
17th Int.Conf.on Molecular Spectroscopy (ICMS 2024) WOJANÓW, PL, 2024.09 22–25
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ARTYKULY W DRUKU[†]
ARTICLES IN PRINT[‡]

- R. LISIECKI, N. REBROVA, P.J. DEREŃ,

Emission and ESA / GSA Thermographic Properties of Pr-Doped Tungstate Phosphors under Vacuum Ultraviolet and Visible Excitation.

Dalton Trans. **55**_{??} (2026) ***_** in print. [\[DOI\]](#)

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[†]Wymieniono artykuły ze znanym DOI.

[‡]Listed are the articles with DOI known.