

## LISTA PUBLIKACJI 2020

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1. A.Chiappini, L.Zur, F.Enrichi, B.Boulard, **A.ŁUKOWIAK**, G.C.Righini, M.Ferrari,  
**Glass Ceramics for Frequency Conversion.**  
In: *Solar Cells and Light Management. Materials, Strategies and Sustainability.*, ed. by F.Enrichi &  
G.Righini, (Oxford: Elsevier 2020) Ch. 11, pp. 391–414. [\[DOI\]](#) [ISBN 978-0-08-102762-2]
2. T.Koutzarova, S.Kolev, K.Krezhov, Ch.Ghelev, B.Vertruyen, **L.-M. TRAN**, **A.ZALESKI**,  
**Preparation and Phase Transitions in Y-Type Magneto-Electric Hexaferrites.**  
In: *Advances in Materials Science Research, Volume 41*, ed. by M.C. Wythers, (Hauppauge, NY: NOVA  
Sci. Publ. 2020) Ch. 3, pp. ???–???. [in print] [ISBN 978-1-53617-785-5]
3. **K. LEMAŃSKI**, B.Strzelczyk, A.Rokosa, T.Greczyło,  
**W świecie nanonauki i nanotechnologii** Zeszyt ćwiczeń warsztatowych.  
[In the World of Nanoscience and Nanotechnology.]  
(Wrocław: Uniwersytet Wrocławski 2020) 79 p. [in Polish] [ISBN 978-83-913497-2-4]
4. **A.ŁUKOWIAK**, B.Borak,  
**Thin-Film Deposition: Chemical Techniques.**  
In: *Integrated Optics. Vol. 1: Modelling, material platforms, and fabrication techniques.*, ed. by G.Righini &  
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5. **Ł.MARCINIAK**, **K. KNIEC**, **K. ELŻBIECIAK**, **A.BEDNARKIEWICZ**,  
**Non-plasmonic NIR-Activated Photothermal Agents for Photothermal Therapy.**  
In: *Near Infrared-Emitting Nanoparticles for Biomedical Applications*, ed. by A.Benayas, E.Hemmer,  
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6. Thi Ngoc Lam Tran, L.Zur, A.Chiassera, A.Chiappini, W.Blanc, M.Bollani, **A.ŁUKOWIAK**,  
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In: *Integrated Optics. Vol. 1: Modelling, material platforms, and fabrication techniques.*, ed. by G.Righini &  
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#### ARTYKUŁY W CZASOPISMACH NAUKOWYCH ARTICLES IN SCIENTIFIC JOURNALS

7. A.Adach, **M. DASZKIEWICZ**, M.Tyszka-Czochara,  
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8. A.Amorese, M.Sundermann, B.Leedahl, A.Marino, D.Takegami, H.Gretarsson, A.Gloskovskii,  
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**Upconversion Luminescence Properties of Gd<sub>2</sub>O<sub>3</sub> : Er<sup>3+</sup> Nanospheres and Gd<sub>2</sub>O<sub>3</sub> : Er<sup>3+</sup> @ Silica Nanocomposites.**  
*Mater. Trans.* **51** 8 (2020) 1569–74. [\[DOI\]](#)  
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10. Tran Kim Anh, Dang Van Thai, Vu Thi Thai Ha, **W. STREK**, Le Quoc Minh,  
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*Int. J. Nanotechnol.* **17** 7–10 (2020) 689–707. [\[DOI\]](#)  
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11. F.M.Anjalin, N.Kanagathara, R.G.Sh.Rao, **M.K. MARCHEWKA**, S.Pugazhendhi,  
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12. **V.APINYAN, T.K. KOPEČ**,  
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13. **V.APINYAN, T.K. KOPEČ**,  
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14. **V.APINYAN, M. SAHAKYAN**,  
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15. N.F.Bakhsh, Md J.S.Fard, P.Hayati, A.Masoudiasl, **J. JANCZAK**,  
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*24<sup>th</sup> Galyna Puchkovska Int.Sch.-Semin.on Spectroscopy of Molecules and Crystals*, ODESA, UA, 2019.08 25–30
17. **T.J. BEDNARCHUK**,  
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18. **A.BEDNARKIEWICZ**, E.M.Chan, **K. PROROK**,  
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20. K.A.Begam, N.Kanagathara, R.Bhavani, V.Natarajan, B.Thirumalaiselvam, T.Srinivasan, **M.K. MARCHEWKA**,  
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21. B.Belan, **D. KOWALSKA**, M.Dzevenko, M.Manyako, R.Gladyshevskii,  
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22. B.Belan, **D. KOWALSKA**, M.Manyako, M.Dzevenko, Ya.Kalychak,  
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24. **O.S. BEZKROVNYI**, M.Vorokhta, **M. MAŁECKA**, **W. MIŚTA**, **L.KĘPIŃSKI**,  
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25. T.Bezrodna, G.Klishevich, V.Melnyk, V.Nesprava, O.Roshchin, M.Curmei, **J. BARAN**, **M. DROZD**,  
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26. J.Bławat, P.W.Swatek, **D. DAS**, **D. KACZOROWSKI**, RongYing Jin, WeiWei Xie  
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27. M.Bogdanov, K.Pryshev, S.Yeslevskyy, S.Ryabichko, **V. BOIKO**, P.Ivanchenko, R.Kiyamova, Z.Guan, Ch.Ramseyer, W.Dowhan,  
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**Enhanced Charge Storage Mechanism and Long-Term Cycling Stability in Diamondized Titania Nanocomposite Supercapacitors Operating in Aqueous Electrolytes.**  
*J. Phys. Chem. C* **124** <sub>29</sub> (2020) 15 698–712. [\[DOI\]](#)
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32. I.Bryndal, **M. DROZD**, T.Lis, J.K.Zaręba, H.Ratajczak,  
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34. B.Burtan-Gwizdała, M.Reben, J.Cisowski, S.Szpil, E.S.Yousef, **R. LISIECKI**, I.Grelowska,  
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37. **M. CHAIKA**, **R. TOMALA**, O.Vovk, S.Nizhankovskyi, G.Mancardi, **W. STREK**,  
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41. A.Chiappini, Lam Thi Ngoc Tran, P.M.Trejo-García, L.Zur, **A. ŁUKOWIAK**, M.Ferrari, G.C.Righini,  
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42. A.Chiassera, O.Sayginer, E.Iacob, A.Szczurek, S.Varas, J.Krzak, O.S.Bursi, D.Zonta, **A. ŁUKOWIAK**, G.C.Righini, M.Ferrari,  
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43. K. CIESIELSKI, D. GNIDA, H.Borrmann, R.Ramlau, Yu.Prots, D. SZYMAŃSKI, Yu.Grin, D. KACZOROWSKI,  
**Structural, Thermodynamic and Magnetotransport Properties of Half-HEUSLER Compound HoPtSb.**  
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44. K. CIESIELSKI, K. SYNORADZKI, I.Veremchuk, P.Skokowski, D. SZYMAŃSKI, Yu.Grin, D. KACZOROWSKI,  
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45. K. CIESIELSKI, K. SYNORADZKI, I. WOLAŃSKA, P. STACHOWIAK, L.KĘPIŃSKI, A.JEŻOWSKI, T.Toliński, D. KACZOROWSKI,  
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55. **J. DRABIK, R. KOWALSKI, Ł.MARCINIAK**,  
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60. R.K.Dudek-Wicher, B.M.Szczęśniak-Sięga, **R.J. WIGLUSZ**, **J. JANCZAK**, M.Bartoszewicz, A.F.Junka,  
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