Zoznam publikácií vytvorených v rámci projektu
Modifikované (nano)textilné materiály pre zdravotnícke technológie (MODEX)
v 2. následnom monitorovanom období 9/2021 - 9/2022

1. Electrical properties of cation-substituted Ag-7(Si1-xGex)S5I single crystals, I.P. Studenyak, A.I. Pogodin, I.A. Shender, M.J. Filep, O.P. Kokhan, P. Kopčanský, Semiconductor Physics, Quantum Electronics & Optoelectronics, 2021. V. 24, No 3. P. 241-247 (podiel: 30%)

2. Clustering in ferronematics-The effect of magnetic collective ordering, Veronika Lackova, Martin A. Schroer, Dirk Honecker, Martin Hahsler, Hana Vargova, Katarina Zakutanska, Silke Behrens, Jozef Kovac, Dmitri I. Svergun, Peter Kopcansky and Natalia Tomasovicova, iScience 24, 103493, 2021 (podiel: 10%)

3. The influence of a rotating magnetic field on the thermal effect in magnetic fluid, Andrzej Skumiel, Peter Kopcansky, Milan Timko, Matus Molcan, Katarina Paulovicova, Rafał Wojciechowski, International Journal of Thermal Sciences 171 (2022) 107258 (podiel: 20%)

4. Crystal structure, ion transport and optical properties of new high-conductivity Ag-7(Si1-xGex)S5I solid solutions, A. I. Pogodin, I. P. Studenyak, I. A. Shender, M. M. Pop, M. J. Filep, T. O. Malakhovska, O. P. Kokhan, P. Kopcansky and T. Y. Babuka, Journal of Materials Science (2022), 57:6706–6722 (podiel: 30%)

5. Textile-Bound Copper Silicate as a New Peroxidase-Like Nanozyme for Organic Dye Decolorization, Pospiskova, K and Safarik, I, Chem. Eng. Technol. 2022, 45, No. 6, 1207–1210 (podiel: 20%)

6. Dual-Functional Antioxidant and Antiamyloid Cerium Oxide Nanoparticles Fabricated by Controlled Synthesis in Water-Alcohol Solutions, Katarina Siposova, Veronika Huntosova, Ivana Garcarova, Yuliia Shlapa, Illia Timashkov, Anatolii Belous and Andrey Musatov, Biomedicines 2022, 10, 942 (podiel: 10%)

7. Effect of ferrofluid magnetization on transformer temperature rise, Michal Rajnák, Marek Franko, Katarína Paulovicova, Maksym Karpets, Kinnari Parekh, Ramesh Upadhyay, Juraj Kurimsky, Bystrík Dolník, Roman Cimbala, Peter Havran, Milan Timko and Peter Kopcanský J. Phys. D: Appl. Phys. 55 (2022) 345002 (13pp) (podiel: 10%)

8. Polarimetric method of plasma diagnostics, Koryun B Oganesyan, Krzysztof Dzierzega, Peter Kopcansky, Ashot H Gevorgyan, and Milan Timko, Laser Phys. Lett. 19 (2022) 096001 (4pp) (podiel: 15%)

9. Tuning of Magnetic Hyperthermia Response in the Systems Containing Magnetosomes, Matus Molcan, Andrzej Skumiel, Milan Timko, Ivo Safarik, Kristina Zolochevska and Peter Kopcansky, Molecules 2022, 27, 5605 (podiel: 15%)