

**Zoznam publikácií vytvorených v rámci projektu
Modifikované (nano)textilné materiály pre zdravotnícke technológie (MODEX)
v 4. následnom monitorovanom období 9/2023 - 9/2024**

1. Bielas, R., Kubiak, T., Molcan, M., Dobosz, B., Rajnak, M., Józefczak, A.; Biocompatible Hydrogel-Based Liquid Marbles with Magnetosomes, *Materials*, 2024, 17 (1), art. no. 99 (podiel: 20%)
2. Molcan, M., Skumiel, A., Tothova, J., Paulovicova, K., Kopcansky, P., Timko, M.; The Influence of Viscosity on Heat Dissipation under Conditions of the High-Frequency Oscillating Magnetic Field, *Magnetochemistry* 2024, 10 (1), art. no. 2. (podiel: 20%)
3. Bury, P., Veveričík, M., Černobila, F., Tomašovičová, N., Lacková, V., Kónyová, K., Šafařík, I., Petrenko, V., Tomchuk, O., Timko, M., Kopčanský, P.; The Role of Diamonds Dispersed in Ferronematic Liquid Crystals on Structural Properties, *Crystals* 2024, 14 (3), art. no. 202 (podiel: 30%)
4. Safarik, I and Prochazkova, J: Soil montmorillonite can exhibit peroxidase-like activity, *CLAY MINERALS* (2024) 59, 22–25 (podiel: 30%)
5. Safarik, I and Prochazkova, J: Color Catcher Sheets for the Construction of Low-Cost, Planar Optical Sensors, *FIBERS AND POLYMERS* 2024 (podiel: 40%)
6. O.V. Kovalchuk, J. Prochazkova, A. Kolanowska, S. Boncel, J. Mariano, K. Zolocheska, T.M. Kovalchuk, P. Kopčanský, I. Safarik: Effect of modification of nonwoven textiles with biochar and multi-walled carbon nanotubes on their dielectric properties, *Semiconductor Physics, Quantum Electronics & Optoelectronics*, 2024, V. 27, No 3. P. 308-314. (podiel: 40%)