Antibacterial activity of positively and negatively charged hematite (α-fe2 o3) nanoparticles to escherichia coli, staphylococcus aureus and vibrio fischeri
Vihodceva, Svetlana; Šutka, Andris; Sihtmäe, Mariliis; **Rosenberg, Merilin**; Otsus, Maarja; Kurvet, Imbi; Smits, Krisjanis; Bikse, Liga; Kahru, Anne; Kasemets, Kaja Nanomaterials 2021 / p. 1-26 https://doi.org/10.3390/nano11030652 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Combined effects of test media and dietary algae on the toxicity of CuO and ZnO nanoparticles to freshwater microcrustaceans daphnia magna and heterocypris incongruens : food for thought
Muna, Marge; Blinova, Irina; Kahru, Anne; Vrček, Ivana Vinković; Pem, Barbara; Orupõld, Kaja; Heinlaan, Margit Nanomaterials 2019 / art. 23 https://doi.org/10.3390/nano9010023 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Decoding the atomic structure of Ga2Te5 pulsed laser deposition films for memory applications using diffraction and first-principles simulations
Tverjanovich, Andrey; Benmore, Chris J.; Khomenko, Maxim; Sokolov, Anton; Fontanari, Daniele; **Bereznev, Sergei**; Bokova, Maria; Kassem, Mohammad; Bychkov, Eugene Nanomaterials 2023 / art. 2137 https://doi.org/10.3390/nano13142137 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A novel thermochemical metal halide treatment to high-performance Sb2Se3 photocathode
Polivtseva, Svetlana; Adegite Olanrewaju, Joseph; Kois, Julia; Mamedov, Damir; Zh. Karazhanov, Smagul; **Maricheva, Jelena**; **Volobujeva, Olga** Nanomaterials 2021 / art. 52, 14 p https://doi.org/10.3390/nano11010052 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Optical dynamics of copper-doped cadmium sulfide (CdS) and zinc sulfide (ZnS) quantum-dots core/shell nanocrystals
Rashid, Muhammad Haroon; **Koel, Ants**; **Rang, Toomas**; Nasir, Nadeem; Sabir, Nadeem; Ameen, Faheem; Rasheed, Abher Nanomaterials 2022 / art. 2277 https://doi.org/10.3390/nano12132277 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Optimization of the Sb2S3 shell thickness in ZnO nanowire-based extremely thin absorber solar cells
Hector, Guislain; **Eensalu, Jako Siim**; **Katerski, Atanas**; **Oja Acik, Ilona**; **Kärber, Erki** Nanomaterials 2022 / art. 198 https://doi.org/10.3390/nano12020198 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Preparation and characterization of photocatalytically active antibacterial surfaces covered with acrylic matrix embedded nano-ZnO and nano-ZnO/Ag
Rosenberg, Merilin; Visnapuu, Meeri; Saal, Kristjan; Danilian, Dmytro; Pärna, Rainer; Ivask, Angela; Kisand, Vambola Nanomaterials 2021 / art. 3384 https://doi.org/10.3390/nano11123384 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Simulations of graphene nanoribbon field effect transistor for the detection of propane and butane gases : a first principles study
Rashid, Muhammad Haroon; **Koel, Ants**; **Rang, Toomas** Nanomaterials 2020 / art. 98 https://doi.org/10.3390/nano10010098 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Solution-mediated inversion of SnSe to Sb2Se3 thin-films
Polivtseva, Svetlana; Kois, Julia; **Kruzhilina, Tatiana**; **Kaupmees, Reelika**; **Klopov, Mihhail**; Molaiyan, Palanivel; van Gog, Heleen; van Huis, Marijn A.; **Volobujeva, Olga** Nanomaterials 2022 / art. 2898 https://doi.org/10.3390/nano12172898 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Structural, mechanical, and optical properties of laminate-type thin film SWCNT/SiOxNy composites
Shmagina, Elizaveta; **Antonov, Maksim**; Kasikov, Aarne; **Volobujeva, Olga**; Khabushev, Eldar M.; Kallio, Tanja; **Bereznev, Sergei** Nanomaterials 2024 / art. 1806 https://doi.org/10.3390/nano14221806 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Sunlight-driven photocatalytic degradation of methylene blue with facile one-step synthesized Cu-Cu2O-Cu3N nanoparticle mixtures
Paredes, Patricio; Rauwel, Erwan; Wragg, David S.; Rapenne, Laetitia; Estephan, Elias; **Volobujeva, Olga**; Rauwel, Protima Nanomaterials 2023 / art. 1311 https://doi.org/10.3390/nano13081311 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Towards blue long-lasting luminescence of Eu/Nd-doped calcium-aluminate nanostructured platelets via the molten salt route
Rojas Hernandez, Rocio Estefania; Rubio-Marcos, Fernando; Serrano, Aida; **Hussainova, Irina** Nanomaterials 2019 / art. 1473, 14 p. : ill https://doi.org/10.3390/nano9101473 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Toxicity of silver–chitosan nanocomposites to aquatic microcrustaceans Daphnia magna and Thamnocephalus platyurus and naturally luminescent bacteria Vibrio fischeri
Sihtmäe, Mariliis; **Laanoja, Jüri**; Blinova, Irina; Kahru, Anne; Kasemets, Kaja Nanomaterials 2024 / art. 1193

https://doi.org/10.3390/nano14141193 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS