

# Martina VrankiÄ

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Influence of titanium doping on the Raman spectra of nanocrystalline ZnAl <sub>2</sub> O <sub>4</sub> . Journal of Alloys and Compounds, 2017, 697, 90-95.	5.5	24
2	Environment of the Eu <sup>3+</sup> Ion within Nanocrystalline Eu-Doped BaAl <sub>2</sub> O <sub>4</sub> : Correlation of X-ray Diffraction, Mössbauer Spectroscopy, X-ray Absorption Spectroscopy, and Photoluminescence Investigations. Inorganic Chemistry, 2018, 57, 1744-1756.	4.0	15
3	Chromium Environment within Cr-Doped BaAl <sub>2</sub> O <sub>4</sub> : Correlation of X-ray Diffraction and X-ray Absorption Spectroscopy Investigations. Inorganic Chemistry, 2015, 54, 11127-11135.	4.0	14
4	Tuning the Microstructure of $\beta$ -Ba <sub>4</sub> Nb <sub>2</sub> O <sub>9</sub> Polymorph Prepared from Single-Molecular Precursor. Crystal Growth and Design, 2013, 13, 2161-2165.	3.0	13
5	Rapid Microwave Method for Synthesis of Iron Oxide Particles under Specific Conditions. Crystals, 2021, 11, 383.	2.2	11
6	Dehydration of $\beta$ -oxalic acid dihydrate: Structural, spectroscopic and thermal study with implications on the disruption of water molecular bridges in soil organic matter. Thermochemica Acta, 2016, 643, 73-82.	2.7	10
7	Magnetic oxygen stored in quasi-1D form within BaAl <sub>2</sub> O <sub>4</sub> lattice. Scientific Reports, 2019, 9, 15158.	3.3	10
8	Insight into the Growth Mechanism and Photocatalytic Behavior of Tubular Hierarchical ZnO Structures: An Integrated Experimental and Theoretical Approach. Inorganic Chemistry, 2022, 61, 2962-2979.	4.0	10
9	Magnetoelectric Coupling Springing Up in Molecular Ferroelectric: [N(C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> CH <sub>3</sub> ][FeCl <sub>4</sub> ]. Inorganic Chemistry, 2020, 59, 6876-6883.	4.0	9
10	The New Ion-Selective Electrodes Developed for Ferric Cations Determination, Modified with Synthesized Al and Fe <sup>3+</sup> -Based Nanoparticles. Sensors, 2022, 22, 297.	3.8	4
11	Structural Behavior and Spin-State Features of BaAl <sub>2</sub> O <sub>4</sub> Scaled through Tuned Co <sup>3+</sup> Doping. Inorganic Chemistry, 2021, 60, 8475-8488.	4.0	2
12	Microstructure of sol-gel derived Mn-doped gahnite: Correlation of TEM and XRD investigations. Journal of Physics and Chemistry of Solids, 2014, 75, 1240-1244.	4.0	1
13	Piezochromic luminescence of dicoronylene: Key for revealing hidden Raman modes at high pressure. Carbon, 2022, , .	10.3	1