Natalia Stopikowska

List of Publications by Year
in descending order

12	602	1040056 9	1199594 12
papers	citations	h-index	g-index

12	12	12	545
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dual-center thermochromic Bi2MoO6:Yb3+, Er3+, Tm3+ phosphors for ultrasensitive luminescence thermometry. Journal of Alloys and Compounds, 2022, 890, 161830.	5.5	47
2	Generation of Pure Green Up-Conversion Luminescence in Er3+ Doped and Yb3+-Er3+ Co-Doped YVO4 Nanomaterials under 785 and 975 nm Excitation. Nanomaterials, 2022, 12, 799.	4.1	3
3	Ratiometric Upconversion Temperature Sensor Based on Cellulose Fibers Modified with Yttrium Fluoride Nanoparticles. Nanomaterials, 2022, 12, 1926.	4.1	4
4	Improving performance of luminescent nanothermometers based on non-thermally and thermally coupled levels of lanthanides by modulating laser power. Nanoscale, 2021, 13, 14139-14146.	5.6	31
5	Improving temperature resolution of luminescent nanothermometers working in the near-infrared range using non-thermally coupled levels of Yb3+ & Tm3+. Journal of Luminescence, 2020, 228, 117643.	3.1	32
6	Luminescent Nanothermometer Operating at Very High Temperatureâ€"Sensing up to 1000 K with Upconverting Nanoparticles (Yb³⁺/Tm³⁺). ACS Applied Materials & Interfaces, 2020, 12, 43933-43941.	8.0	130
7	Surface Modification of Luminescent Ln^{III} Fluoride Coreâ€"Shell Nanoparticles with Acetylsalicylic acid (Aspirin): Synthesis, Spectroscopic and in Vitro Hemocompatibility Studies. ChemMedChem, 2020, 15, 1490-1496.	3.2	5
8	UV-Vis-NIR absorption spectra of lanthanide oxides and fluorides. Dalton Transactions, 2020, 49, 2129-2137.	3.3	39
9	Upconverting Lanthanide Fluoride Core@Shell Nanorods for Luminescent Thermometry in the First and Second Biological Windows: Î²-NaYF₄:Yb³⁺â€" Er³⁺@SiO₂ Temperature Sensor. ACS Applied Materials & Interfaces, 2019, 11, 13389-13396.	8.0	178
10	Optical Pressure Sensor Based on the Emission and Excitation Band Width (fwhm) and Luminescence Shift of Ce³⁺-Doped Fluorapatiteâ€"High-Pressure Sensing. ACS Applied Materials & Interfaces, 2019, 11, 4131-4138.	8.0	88
11	Luminescent-plasmonic, lanthanide-doped core/shell nanomaterials modified with Au nanorods â€" Up-conversion luminescence tuning and morphology transformation after NIR laser irradiation. Journal of Alloys and Compounds, 2018, 762, 621-630.	5.5	25
12	Luminescent-plasmonic effects in GdPO 4 :Eu 3+ nanorods covered with silver nanoparticles. Journal of Luminescence, 2017, 188, 24-30.	3.1	20