Eugeny Kolesnikov

List of Publications by Citations

16 papers	336 citations	11 h-index	16 g-index
16 ext. papers	481 ext. citations	3.5 avg, IF	3.79 L-index

#	Paper	IF	Citations
16	Asymmetry ratio as a parameter of Eu3+ local environment in phosphors. *Journal of Rare Earths*, **2018**, 36, 474-481	3.7	52
15	Ratiometric Optical Thermometry Based on Emission and Excitation Spectra of YVO4:Eu3+ Nanophosphors. *Journal of Physical Chemistry C*, **2019**, 123, 5136-5143	3.8	45
14	Bifunctional heater-thermometer Nd-doped nanoparticles with multiple temperature sensing parameters. *Nanotechnology*, **2019**, 30, 145501	3.4	39
13	New strategy for thermal sensitivity enhancement of Nd3+-based ratiometric luminescence thermometers. *Journal of Luminescence*, **2017**, 192, 40-46	3.8	37
12	Y2O3:Nd3+ nanocrystals as ratiometric luminescence thermal sensors operating in the optical windows of biological tissues. *Journal of Luminescence*, **2018**, 204, 506-512	3.8	33
11	Construction of efficient dual activating ratiometric YVO:Nd/Eu nanothermometers using co-doped and mixed phosphors. *Nanoscale*, **2020**, 12, 5953-5960	7.7	23
10	Concentration series of Sm3+-doped YVO4 nanoparticles: Structural, luminescence and thermal properties. *Journal of Luminescence*, **2020**, 219, 116946	3.8	20
9	Optical temperature sensing in Tm3+/Yb3+-doped GeO2PbOPbF2 glass ceramics based on ratiometric and spectral line position approaches. *Sensors and Actuators A: Physical*, **2018**, 284, 251-259	3.9	19
8	Yb3+/Er3+odoped GeO2PbOPbF2 glass ceramics for ratiometric upconversion temperature sensing based on thermally and non-thermally coupled levels. *Optical Materials*, **2019**, 90, 200-207	3.3	16
7	Effect of silica coating on luminescence and temperature sensing properties of Nd3+ doped nanoparticles. *Journal of Alloys and Compounds*, **2018**, 734, 136-143	5.7	14
6	Synthesis and characterization of Y2O3:Nd3+ nanocrystalline powders and ceramics. *Optical Materials*, **2018**, 75, 680-685	3.3	12
5	Photoluminescence properties of Eu3+-doped MgAl2O4 nanoparticles in various surrounding media. *Journal of Rare Earths*, **2019**, 37, 806-811	3.7	10
4	Multimode luminescence thermometry based on emission and excitation spectra. *Journal of Luminescence*, **2021**, 231, 117828	3.8	8
3	Nd3+ concentration effect on luminescent properties of MgAl2O4 nanopowders synthesized by modified Pechini method. *Journal of Solid State Chemistry*, **2020**, 289, 121486	3.3	7
2	A topic of uncertainty in the publications of the journal "Issues of Risk analysis *Issues of Risk Analysis*, **2019**, 16, 78-93	0.2	1
1	Issues of the Risk-Based Approach. *Issues of Risk Analysis*, **2022**, 18, 84-92	0.2	