

# Sergey N Ushakov

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

160  
citations

1307594

7  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

181  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the mechanisms of upconversion luminescence in Ho <sup>3+</sup> doped CaF <sub>2</sub> crystals and ceramics upon excitation of 5I <sub>7</sub> level. <i>Journal of Luminescence</i> , 2015, 167, 120-125.	3.1	28
2	Hypersensitive transitions of Tm <sup>3+</sup> , Ho <sup>3+</sup> and Dy <sup>3+</sup> rare-earth ions in garnet crystals. <i>Journal of Luminescence</i> , 2012, 132, 1900-1905.	3.1	27
3	Visualiser of two-micron laser radiation based on Ho:CaF <sub>2</sub> crystals. <i>Quantum Electronics</i> , 2014, 44, 602-605.	1.0	24
4	Spectroscopic, luminescent and laser properties of nanostructured CaF <sub>2</sub> :Tm materials. <i>Optical Materials</i> , 2013, 35, 1859-1864.	3.6	23
5	Nanostructured Tm <sup>3+</sup> :CaF <sub>2</sub> ceramics: potential gain media for two micron lasers. <i>Quantum Electronics</i> , 2011, 41, 193-197.	1.0	21
6	Synthesis, spectroscopic and luminescent properties of nanosized powders of yttrium phosphates doped with Er <sup>3+</sup> ions. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	11
7	Nanostructured crystals of partially yttria-stabilized and Nd <sup>3+</sup> doped zirconia: Structure and luminescent properties. <i>Journal of Alloys and Compounds</i> , 2015, 621, 295-300.	5.5	10
8	Spectroscopic characteristics of the Nd <sup>3+</sup> ions in garnet crystals. <i>Journal of Luminescence</i> , 2012, 132, 240-243.	3.1	7
9	Spectroscopic properties of Nd <sup>3+</sup> doped NaLa <sub>0.5</sub> Gd <sub>0.5</sub> (WO <sub>4</sub> ) <sub>2</sub> crystals. <i>Journal of Luminescence</i> , 2013, 138, 32-38.	3.1	7
10	Growth and physical properties of CaSrBaF <sub>6</sub> single crystals. <i>Kondensirovannye Sredy Mezhfaznye Granitsy</i> , 2021, 23, 101-107.	0.3	1