

# Vera Y Proydakova

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Luminescent thermometry based on Ba <sub>4</sub> Y <sub>3</sub> F <sub>17</sub> :Pr <sup>3+</sup> and Ba <sub>4</sub> Y <sub>3</sub> F <sub>17</sub> :Pr <sup>3+</sup> ,Yb <sup>3+</sup> nanoparticles. <i>Ceramics International</i> , 2020, 46, 11658-11666.	4.8	22
2	Diamond-Rare Earth Composites with Embedded NaGdF <sub>4</sub> :Eu Nanoparticles as Robust Photo- and X-ray-Luminescent Materials for Radiation Monitoring Screens. <i>ACS Applied Nano Materials</i> , 2020, 3, 1324-1331.	5.0	20
3	Infrared-to-visible upconversion luminescence in Sr <sub>2</sub> :Er powders upon excitation of the <sup>4</sup> I <sub>3/2</sub> level. <i>Optical Materials Express</i> , 2018, 8, 1863.	3.0	17
4	Upconversion Luminescence of Fluoride Phosphors SrF <sub>2</sub> :Er,Yb under Laser Excitation at 1.5 $\mu$ m. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2018, 125, 537-542.	0.6	13
5	Mechanisms and absolute quantum yield of upconversion luminescence of fluoride phosphors. <i>Chinese Optics Letters</i> , 2018, 16, 091901.	2.9	10
6	Optimization of upconversion luminescence excitation mode for deeper in vivo bioimaging without contrast loss or overheating. <i>Methods and Applications in Fluorescence</i> , 2020, 8, 025006.	2.3	9
7	Phase diagram of the Li <sub>2</sub> SO <sub>4</sub> -Na <sub>2</sub> SO <sub>4</sub> system. <i>Journal of the American Ceramic Society</i> , 2020, 103, 3390-3400.	3.8	8
8	Structural and magnetic properties of Mn <sup>3+</sup> <sub>x</sub> Cd <sub>x</sub> TeO <sub>6</sub> (x=0, 1, 1.5 and 2). <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 1637-1644.	2.3	6
9	Synthesis of Calcium and Strontium Fluorides Using Li <sub>2</sub> SO <sub>4</sub> -Na <sub>2</sub> SO <sub>4</sub> Eutectic Melts. <i>Russian Journal of Inorganic Chemistry</i> , 2020, 65, 834-838.	1.3	5
10	Synthesis, structure, and properties of solid solutions based on bismuth ferrite. <i>Inorganic Materials</i> , 2009, 45, 568-573.	0.8	4
11	Study of synthesis temperature effect on $\text{I}^2\text{-NaGdF}_4\text{:Yb}^{3+}$ , $\text{Er}^{3+}$ upconversion luminescence efficiency and decay time using maximum entropy method. <i>Methods and Applications in Fluorescence</i> , 2022, 10, 024005.	2.3	4
12	Synthesis and quantum yield investigations of the Sr(1-x-y)Pr(x)Yb(y)F(2+x+y) luminophores for photonics. <i>Nanosystems: Physics, Chemistry, Mathematics</i> , 2018, , 663-668.	0.4	3
13	Growth of Yb : Na <sub>2</sub> SO <sub>4</sub> crystals and study of their spectral luminescent characteristics. <i>Quantum Electronics</i> , 2019, 49, 1008-1010.	1.0	2
14	Determining the Photophysical Parameters of NaGdF <sub>4</sub> :Eu Solid Solutions in Suspensions Using the Judd-Ofelt Theory. <i>JETP Letters</i> , 2020, 111, 525-531.	1.4	2
15	Strategies to enhance the sensitivity of NaGdF <sub>4</sub> :Yb-Tm based nanothermometers. , 2019, , .		1