

# Svetlana A Khrushchalina

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7808644/publications.pdf>

Version: 2024-02-01

22  
papers

162  
citations

1163117

8  
h-index

1199594

12  
g-index

22  
all docs

22  
docs citations

22  
times ranked

172  
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphological changes of veins and perivenous tissues during endovenous laser coagulation using 2- $\frac{1}{4}$ m laser radiation and various types of optical fibers. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2022, 10, 749-757.	1.6	4
2	Comparative study of luminescent properties of Bi <sub>1-x</sub> Pr <sub>x</sub> GeSbO <sub>6</sub> and La <sub>1-x</sub> Pr <sub>x</sub> Ga <sub>0.5</sub> Sb <sub>1.5</sub> O <sub>6</sub> (x = 0-0.5) solid solutions with rosielite structures. <i>Journal of Luminescence</i> , 2021, 232, 117869.	3.1	3
3	Synthesis and photoluminescence properties of novel LaGa <sub>0.5</sub> Sb <sub>1.5</sub> O <sub>6</sub> : Eu <sup>3+</sup> , Dy <sup>3+</sup> , Tb <sup>3+</sup> and BiGeSbO <sub>6</sub> : Eu <sup>3+</sup> , Dy <sup>3+</sup> , Tb <sup>3+</sup> phosphors. <i>Journal of Alloys and Compounds</i> , 2021, 886, 161175.	5.5	5
4	Use of dielectric nanoparticles doped with Yb <sup>3+</sup> ions to enhance the thermal effect in a biological tissue exposed to near-IR laser radiation (in vivo experiments). <i>Quantum Electronics</i> , 2021, 51, 1038-1043.	1.0	1
5	Optimization of endovenous laser coagulation: in vivo experiments. <i>Lasers in Medical Science</i> , 2020, 35, 867-875.	2.1	11
6	Blackbody emission from CaF <sub>2</sub> and ZrO <sub>2</sub> nanosized dielectric particles doped with Er <sup>3+</sup> ions. <i>RSC Advances</i> , 2020, 10, 26288-26297.	3.6	6
7	Nonradiative energy transfer of electronic excitation between Tm <sup>3+</sup> ions in Y <sub>2</sub> O <sub>3</sub> :Tm laser ceramics. <i>Optical Materials</i> , 2020, 101, 109762.	3.6	3
8	Comparison of the results of endovenous laser coagulation (EVLC) using 2- $\frac{1}{4}$ m radiation and various types of fiber. , 2020, , .		0
9	Optimization of the endovenous laser coagulation using two-micron laser radiation. , 2020, , .		3
10	Effect of initial precursor concentration on the spectral-luminescent characteristics and cytotoxicity of carbon nanoparticles. <i>Biomedical Physics and Engineering Express</i> , 2019, 5, 025017.	1.2	0
11	Synthesis and spectral-luminescent properties of La <sub>1-x</sub> Pr <sub>x</sub> Ga <sub>0.5</sub> Sb <sub>1.5</sub> O <sub>6</sub> solid solutions. <i>Ceramics International</i> , 2019, 45, 16886-16892.	4.8	8
12	Broadband emission from Er-contained yttrium orthophosphate and orthovanadate nanopowders excited by near infrared radiation. <i>Journal of Luminescence</i> , 2019, 205, 560-567.	3.1	13
13	Spectroscopy of optical centers of Eu <sup>3+</sup> ions in ZrO <sub>2</sub> -Gd <sub>2</sub> O <sub>3</sub> -Eu <sub>2</sub> O <sub>3</sub> crystals. <i>Journal of Luminescence</i> , 2018, 200, 66-73.	3.1	3
14	Tunable 2- $\mu$ m lasing in calcium niobium gallium garnet crystals doped with Ho <sup>3+</sup> ions. <i>Quantum Electronics</i> , 2017, 47, 607-609.	1.0	8
15	Broadband white radiation in Yb <sup>3+</sup> - and Er <sup>3+</sup> -doped nanocrystalline powders of yttrium orthophosphates irradiated by 972-nm laser radiation. <i>JETP Letters</i> , 2016, 103, 302-308.	1.4	13
16	Features of the interaction of near-infrared laser radiation with Yb-doped dielectric nanoparticles. <i>JETP Letters</i> , 2016, 103, 743-751.	1.4	9
17	Investigation of endovenous laser ablation of varicose veins in vitro using 1.885- $\frac{1}{4}$ m laser radiation. <i>Lasers in Medical Science</i> , 2016, 31, 503-510.	2.1	27
18	The Influence of the Carbonized Layer at the End Face of the Light-Guide on the Results of Endovenous Laser Ablation of Varicose Veins. <i>Flebologiya</i> , 2016, 10, 80.	1.0	0

#	ARTICLE	IF	CITATIONS
19	Spectroscopic studies of a tetragonalâ€“monoclinic phase transition in $ZrO_2\hat{+}Y_2O_3\hat{+}CeO_2\hat{+}Nd_2O_3$ crystals. <i>Physics of the Solid State</i> , 2015, 57, 1984-1990.	0.6	0
20	Synthesis, spectroscopic and luminescent properties of nanosized powders of yttrium phosphates doped with $Er^{3+}$ ions. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	11
21	Spectroscopic properties of $Nd^{3+}$ doped $NaLa_{0.5}Gd_{0.5}(WO_4)_2$ crystals. <i>Journal of Luminescence</i> , 2013, 138, 32-38.	3.1	7
22	Hypersensitive transitions of $Tm^{3+}$ , $Ho^{3+}$ and $Dy^{3+}$ rare-earth ions in garnet crystals. <i>Journal of Luminescence</i> , 2012, 132, 1900-1905.	3.1	27