

Svetlana A Khrushchalina

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Hypersensitive transitions of Tm ³⁺ , Ho ³⁺ and Dy ³⁺ rare-earth ions in garnet crystals. Journal of Luminescence, 2012, 132, 1900-1905.	3.1	27
2	Investigation of endovenous laser ablation of varicose veins in vitro using 1.885- μ m laser radiation. Lasers in Medical Science, 2016, 31, 503-510.	2.1	27
3	Broadband white radiation in Yb ³⁺ - and Er ³⁺ -doped nanocrystalline powders of yttrium orthophosphates irradiated by 972-nm laser radiation. JETP Letters, 2016, 103, 302-308.	1.4	13
4	Broadband emission from Er-contained yttrium orthophosphate and orthovanadate nanopowders excited by near infrared radiation. Journal of Luminescence, 2019, 205, 560-567.	3.1	13
5	Synthesis, spectroscopic and luminescent properties of nanosized powders of yttrium phosphates doped with Er ³⁺ ions. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	11
6	Optimization of endovenous laser coagulation: in vivo experiments. Lasers in Medical Science, 2020, 35, 867-875.	2.1	11
7	Features of the interaction of near-infrared laser radiation with Yb-doped dielectric nanoparticles. JETP Letters, 2016, 103, 743-751.	1.4	9
8	Tunable 2-mm lasing in calcium niobium gallium garnet crystals doped with Ho ³⁺ ions. Quantum Electronics, 2017, 47, 607-609.	1.0	8
9	Synthesis and spectral-luminescent properties of La _{1-x} Pr _x Ga _{0.5} Sb _{1.5} O ₆ solid solutions. Ceramics International, 2019, 45, 16886-16892.	4.8	8
10	Spectroscopic properties of Nd ³⁺ doped NaLa _{0.5} Gd _{0.5} (WO ₄) ₂ crystals. Journal of Luminescence, 2013, 138, 32-38.	3.1	7
11	Blackbody emission from CaF ₂ and ZrO ₂ nanosized dielectric particles doped with Er ³⁺ ions. RSC Advances, 2020, 10, 26288-26297.	3.6	6
12	Synthesis and photoluminescence properties of novel LaGa _{0.5} Sb _{1.5} O ₆ : Eu ³⁺ , Dy ³⁺ , Tb ³⁺ and BiGeSbO ₆ : Eu ³⁺ , Dy ³⁺ , Tb ³⁺ phosphors. Journal of Alloys and Compounds, 2021, 886, 161175.	5.5	5
13	Morphological changes of veins and perivenous tissues during endovenous laser coagulation using 2- μ m laser radiation and various types of optical fibers. Journal of Vascular Surgery: Venous and Lymphatic Disorders, 2022, 10, 749-757.	1.6	4
14	Spectroscopy of optical centers of Eu ³⁺ ions in ZrO ₂ -Gd ₂ O ₃ -Eu ₂ O ₃ crystals. Journal of Luminescence, 2018, 200, 66-73.	3.1	3
15	Nonradiative energy transfer of electronic excitation between Tm ³⁺ ions in Y ₂ O ₃ :Tm laser ceramics. Optical Materials, 2020, 101, 109762.	3.6	3
16	Comparative study of luminescent properties of Bi _{1-x} Pr _x GeSbO ₆ and La _{1-x} Pr _x Ga _{0.5} Sb _{1.5} O ₆ (x = 0-0.5) solid solutions with rosiite structures. Journal of Luminescence, 2021, 232, 117869.	3.1	3
17	Optimization of the endovenous laser coagulation using two-micron laser radiation. , 2020, , .		3
18	Use of dielectric nanoparticles doped with Yb ³⁺ ions to enhance the thermal effect in a biological tissue exposed to near-IR laser radiation (in vivo experiments). Quantum Electronics, 2021, 51, 1038-1043.	1.0	1

#	ARTICLE	IF	CITATIONS
19	Spectroscopic studies of a tetragonalâ€“monoclinic phase transition in ZrO ₂ â€“Y ₂ O ₃ â€“CeO ₂ â€“Nd ₂ O ₃ crystals. Physics of the Solid State, 2015, 57, 1984-1990.	0.6	0
20	Effect of initial precursor concentration on the spectral-luminescent characteristics and cytotoxicity of carbon nanoparticles. Biomedical Physics and Engineering Express, 2019, 5, 025017.	1.2	0
21	The Influence of the Carbonized Layer at the End Face of the Light-Guide on the Results of Endovenous Laser Ablation of Varicose Veins. Flebologiya, 2016, 10, 80.	1.0	0
22	Comparison of the results of endovenous laser coagulation (EVLC) using 2-1/4m radiation and various types of fiber. , 2020, , .		0