

Igor D Romanishkin

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

156
citations

1307594

7
h-index

1199594

12
g-index

30
all docs

30
docs citations

30
times ranked

184
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescence imaging analysis of distribution of indocyanine green in molecular and nanoform in tumor model. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 37, 102636.	2.6	9
2	On the possibility of photodynamic inactivation of tracheobronchial tree pathogenic microbiota using methylene blue (in vitro study). <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 38, 102753.	2.6	4
3	Study of synthesis temperature effect on Yb^{3+} , 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
4	Two Subpopulations of Human Monocytes That Differ by Mitochondrial Membrane Potential. <i>Biomedicines</i> , 2021, 9, 153.	3.2	0
5	FLIM-Based Intracellular and Extracellular pH Measurements Using Genetically Encoded pH Sensor. <i>Biosensors</i> , 2021, 11, 340.	4.7	12
6	Phototherapy of Brain Tumours Using a Fibre Optic Neurosystem. <i>Photonics</i> , 2021, 8, 462.	2.0	2
7	Analysis of Fluorescence Decay Kinetics of Indocyanine Green Monomers and Aggregates in Brain Tumor Model In Vivo. <i>Nanomaterials</i> , 2021, 11, 3185.	4.1	7
8	Changes in Spectral Fluorescence Properties of a Near-Infrared Photosensitizer in a Nanoform as a Coating of an Optical Fiber Neuroport. <i>Photonics</i> , 2021, 8, 556.	2.0	1
9	Temperature Sensing in the Short-Wave Infrared Spectral Region Using Core-Shell $\text{NaGdF}_4:\text{Yb}^{3+}, \text{Ho}^{3+}, \text{Er}^{3+}$ Nanothermometers. <i>Nanomaterials</i> , 2020, 10, 1992.	4.1	12
10	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
11	Achieving high NIR-to-NIR conversion efficiency by optimization of Tm^{3+} content in $\text{Na}(\text{Gd}, \text{Yb})\text{F}_4$: Tm^{3+} upconversion luminophores. <i>Laser Physics Letters</i> , 2020, 17, 125701.	1.4	4
12	Theoretical and experimental modeling of interstitial laser hyperthermia with surface cooling device using Nd^{3+} -doped nanoparticles. <i>Lasers in Medical Science</i> , 2019, 34, 1421-1431.	2.1	1
13	Photodynamic inactivation of <i>Pseudomonas aeruginosa</i> bacterial biofilms using new polycationic photosensitizers. <i>Laser Physics Letters</i> , 2019, 16, 115603.	1.4	5
14	Investigation of Ce6 accumulation and distribution in cell cultures of head and neck cancers. , 2019, , .		1
15	Nanostructured photosensitizer based on a tetracationic derivative of bacteriochlorin for antibacterial photodynamic therapy. <i>Bulletin of Russian State Medical University</i> , 2019, , 74-78.	0.2	3
16	Er^{3+} , Yb^{3+} upconversion luminescence efficiency and decay time using maximum entropy method. <i>Methods and Applications in Fluorescence</i> , 2022, 10, 024005.		
17	A novel spheroid model for preclinical intercellular nanophotosensitizer-mediated tumor study. <i>Bulletin of Russian State Medical University</i> , 2019, , 14-20.	0.2	0
18	Strategies to enhance the sensitivity of $\text{NaGdF}_4:\text{Yb}-\text{Tm}$ based nanothermometers. , 2019, , .		1

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19	Possible approaches to fluorescence diagnosis and photodynamic therapy for deep-seated tumors. , 2019, , .		0
20	Photosensitizers for antibacterial photodynamic therapy based on tetracationic derivatives of synthetic bacteriochlorins. Laser Physics Letters, 2018, 15, 115602.	1.4	3
21	Heating and Cooling Transients in the DyPO4 Nanocrystals under Femtosecond Laser Irradiation in the NIR Spectral Range. Physics of Wave Phenomena, 2018, 26, 198-206.	1.1	3
22	Multifunctional upconversion nanoparticles based on NaYGdF4 for laser induced heating, non-contact temperature sensing and controlled hyperthermia with use of pulsed periodic laser excitation. , 2018, , .		1
23	Experimental modeling of local laser hyperthermia using thermosensitive nanoparticles absorbing in NIR. , 2018, , .		0
24	Optical fiber neurosystem for deep-lying brain tumors phototheranostics. , 2018, , .		1
25	Bioimaging with controlled depth using upconversion nanoparticles. , 2018, , .		0
26	Diamond-EuF 3 nanocomposites with bright orange photoluminescence. Diamond and Related Materials, 2017, 72, 47-52.	3.9	33
27	Gonarthritits photodynamic therapy with chlorin e6 derivatives. Photodiagnosis and Photodynamic Therapy, 2016, 15, 88-93.	2.6	4
28	Upconversion microparticles as time-resolved luminescent probes for multiphoton microscopy: desired signal extraction from the streaking effect. Journal of Biomedical Optics, 2016, 21, 096002.	2.6	15
29	Pulsed periodic laser excitation of upconversion luminescence for deep biotissue visualization. Laser Physics, 2016, 26, 084001.	1.2	15
30	Laser heating of the Y _{1-x} Dy _x PO ₄ nanocrystals. Optical Materials Express, 2015, 5, 1230.	3.0	6