

Igor D Romanishkin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6217211/publications.pdf>

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	Diamond-EuF ₃ nanocomposites with bright orange photoluminescence. <i>Diamond and Related Materials</i> , 2017, 72, 47-52.	3.9	33
2	Upconversion microparticles as time-resolved luminescent probes for multiphoton microscopy: desired signal extraction from the streaking effect. <i>Journal of Biomedical Optics</i> , 2016, 21, 096002.	2.6	15
3	Pulsed periodic laser excitation of upconversion luminescence for deep biotissue visualization. <i>Laser Physics</i> , 2016, 26, 084001.	1.2	15
4	Temperature Sensing in the Short-Wave Infrared Spectral Region Using Core-Shell NaGdF ₄ :Yb ³⁺ , Ho ³⁺ , Er ³⁺ @NaYF ₄ Nanothermometers. <i>Nanomaterials</i> , 2020, 10, 1992.	4.1	12
5	FLIM-Based Intracellular and Extracellular pH Measurements Using Genetically Encoded pH Sensor. <i>Biosensors</i> , 2021, 11, 340.	4.7	12
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	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
8	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
9	Laser heating of the Y _{1-x} Dy _x PO ₄ nanocrystals. <i>Optical Materials Express</i> , 2015, 5, 1230.	3.0	6
10	Photodynamic inactivation of <i>Pseudomonas aeruginosa</i> bacterial biofilms using new polycationic photosensitizers. <i>Laser Physics Letters</i> , 2019, 16, 115603.	1.4	5
11	Gonarthrititis photodynamic therapy with chlorin e6 derivatives. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 15, 88-93.	2.6	4
12	Achieving high NIR-to-NIR conversion efficiency by optimization of Tm ³⁺ content in Na(Gd,Yb)F ₄ : Tm upconversion luminophores. <i>Laser Physics Letters</i> , 2020, 17, 125701.	1.4	4
13	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
14	Study of synthesis temperature effect on $\text{NaGdF}_4\text{:Yb}^{3+}, \text{Er}^{3+}$ upconversion luminescence efficiency and decay time using maximum entropy method. <i>Methods and Applications in Fluorescence</i> , 2022, 10, 024005.	2.3	4
15	Photosensitizers for antibacterial photodynamic therapy based on tetracationic derivatives of synthetic bacteriochlorins. <i>Laser Physics Letters</i> , 2018, 15, 115602.	1.4	3
16	Heating and Cooling Transients in the DyPO ₄ Nanocrystals under Femtosecond Laser Irradiation in the NIR Spectral Range. <i>Physics of Wave Phenomena</i> , 2018, 26, 198-206.	1.1	3
17	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
18	Phototherapy of Brain Tumours Using a Fibre Optic Neurosystem. <i>Photonics</i> , 2021, 8, 462.	2.0	2

