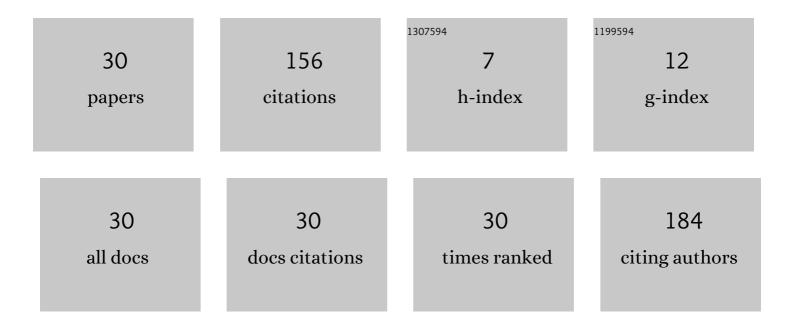
Igor D Romanishkin

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Diamond-EuF 3 nanocomposites with bright orange photoluminescence. Diamond and Related Materials, 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. Journal of Biomedical Optics, 2016, 21, 096002.	2.6	15
3	Pulsed periodic laser excitation of upconversion luminescence for deep biotissue visualization. Laser Physics, 2016, 26, 084001.	1.2	15
4	Temperature Sensing in the Short-Wave Infrared Spectral Region Using Core-Shell NaGdF4:Yb3+, Ho3+, Er3+@NaYF4 Nanothermometers. Nanomaterials, 2020, 10, 1992.	4.1	12
5	FLIM-Based Intracellular and Extracellular pH Measurements Using Genetically Encoded pH Sensor. Biosensors, 2021, 11, 340.	4.7	12
6	Optimization of upconversion luminescence excitation mode for deeper in vivo bioimaging without contrast loss or overheating. Methods and Applications in Fluorescence, 2020, 8, 025006.	2.3	9
7	Fluorescence imaging analysis of distribution of indocyanine green in molecular and nanoform in tumor model. Photodiagnosis and Photodynamic Therapy, 2022, 37, 102636.	2.6	9
8	Analysis of Fluorescence Decay Kinetics of Indocyanine Green Monomers and Aggregates in Brain Tumor Model In Vivo. Nanomaterials, 2021, 11, 3185.	4.1	7
9	Laser heating of the Y_1-xDy_xPO_4 nanocrystals. Optical Materials Express, 2015, 5, 1230.	3.0	6
10	Photodynamic inactivation of <i>Pseudomonas aeruginosa</i> bacterial biofilms using new polycationic photosensitizers. Laser Physics Letters, 2019, 16, 115603.	1.4	5
11	Gonarthritis photodynamic therapy with chlorin e6 derivatives. Photodiagnosis and Photodynamic Therapy, 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. Laser Physics Letters, 2020, 17, 125701.	1.4	4
13	On the possibility of photodynamic inactivation of tracheobronchial tree pathogenic microbiota using methylene blue (in vitro study). Photodiagnosis and Photodynamic Therapy, 2022, 38, 102753.	2.6	4
14	Study of synthesis temperature effect on β-NaGdF ₄ : Yb ³⁺ , Er ³⁺ Âupconversion luminescence efficiency and decay time using maximum entropy method. Methods and Applications in Fluorescence, 2022, 10, 024005.	2.3	4
15	Photosensitizers for antibacterial photodynamic therapy based on tetracationic derivatives of synthetic bacteriochlorins. Laser Physics Letters, 2018, 15, 115602.	1.4	3
16	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
17	Nanostructured photosensitizer based on a tetracationic derivative of bacteriochlorin for antibacterial photodynamic therapy. Bulletin of Russian State Medical University, 2019, , 74-78.	0.2	3
18	Phototherapy of Brain Tumours Using a Fibre Optic Neurosystem. Photonics, 2021, 8, 462.	2.0	2

#	Article	IF	CITATIONS
19	Theoretical and experimental modeling of interstitial laser hyperthermia with surface cooling device using Nd3+-doped nanoparticles. Lasers in Medical Science, 2019, 34, 1421-1431.	2.1	1
20	Investigation of Ce6 accumulation and distribution in cell cultures of head and neck cancers. , 2019, , .		1
21	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
22	Optical fiber neurosystem for deep-lying brain tumors phototheranostics. , 2018, , .		1
23	Strategies to enhance the sensitivity of NaGdF4:Yb-Tm based nanothermometers. , 2019, , .		1
24	Changes in Spectral Fluorescence Properties of a Near-Infrared Photosensitizer in a Nanoform as a Coating of an Optical Fiber Neuroport. Photonics, 2021, 8, 556.	2.0	1
25	Two Subpopulations of Human Monocytes That Differ by Mitochondrial Membrane Potential. Biomedicines, 2021, 9, 153.	3.2	0
26	Experimental modeling of local laser hyperthermia using thermosensitive nanoparticles absorbing in NIR. , 2018, , .		0
27	Bioimaging with controlled depth using upconversion nanoparticles. , 2018, , .		0

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29	A novel spheroid model for preclinical intercellular nanophotosensitizer-mediated tumor study. Bulletin of Russian State Medical University, 2019, , 14-20.	0.2	0
30	Possible approaches to fluorescence diagnosis and photodynamic therapy for deep-seated tumors. ,		0

2019, , .