

# Ivan Yu Eremchev

## List of Publications by Year in descending order

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14  
papers

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citations

1039406

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1058022

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docs citations

17  
times ranked

288  
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional fluorescence nanoscopy of single quantum emitters based on the optics of spiral light beams. <i>Physics-Usppekhi</i> , 2022, 65, 617-626.	0.8	2
2	Lack of Photon Antibunching Supports Supertrap Model of Photoluminescence Blinking in Perovskite Submicrometer Crystals. <i>Advanced Optical Materials</i> , 2021, 9, 2001596.	3.6	17
3	Microscopic Insight into the Inhomogeneous Broadening of Zero-Phonon Lines of GeV <sup>+</sup> Color Centers in Chemical Vapor Deposition Diamond Films Synthesized from Gaseous Germane. <i>Journal of Physical Chemistry C</i> , 2021, 125, 17774-17785.	1.5	9
4	Single quantum emitters detection with amateur CCD: Comparison to a scientific-grade camera. <i>Optics and Laser Technology</i> , 2021, 143, 107301.	2.2	5
5	Stochastic superflares of photoluminescence from a single microdiamond with germanium-vacancy color centers: A general phenomenon or a unique observation. <i>Physical Review B</i> , 2020, 102, .	1.1	4
6	Contribution of electron-phonon coupling to the luminescence spectra of single colloidal quantum dots. <i>Journal of Chemical Physics</i> , 2019, 151, 174710.	1.2	9
7	Correlation between the maximum wavelength and the line width in the emission of a single semiconductor colloidal quantum dot at different temperatures. <i>EPJ Web of Conferences</i> , 2018, 190, 02003.	0.1	0
8	Structural and time-domain peculiarities of the fluorescence excitation spectra of single Mg-TAP in a polymer at low temperatures. <i>EPJ Web of Conferences</i> , 2018, 190, 04019.	0.1	0
9	The study of a new family of phase masks for three-dimensional fluorescence nanoscopy. <i>EPJ Web of Conferences</i> , 2018, 190, 04007.	0.1	0
10	Two Mechanisms of Fluorescence Intermittency in Single Core/Shell Quantum Dot. <i>Journal of Physical Chemistry C</i> , 2015, 119, 22646-22652.	1.5	33
11	Laser selective spectromicroscopy of myriad single molecules: tool for far-field multicolour materials nanodiagnosics. <i>European Physical Journal D</i> , 2014, 68, 1.	0.6	46
12	A tool for alignment of multiple laser beams in pump-probe experiments. <i>Measurement Science and Technology</i> , 2013, 24, 027002.	1.4	17
13	Low-temperature dynamics in amorphous polymers and low-molecular-weight glasses—what is the difference?. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 1843-1848.	1.3	29
14	Ortho-Dichlorobenzene Doped with Terrylene—a Highly Photo-Stable Single-Molecule System Promising for Photonics Applications. <i>ChemPhysChem</i> , 2010, 11, 182-187.	1.0	30