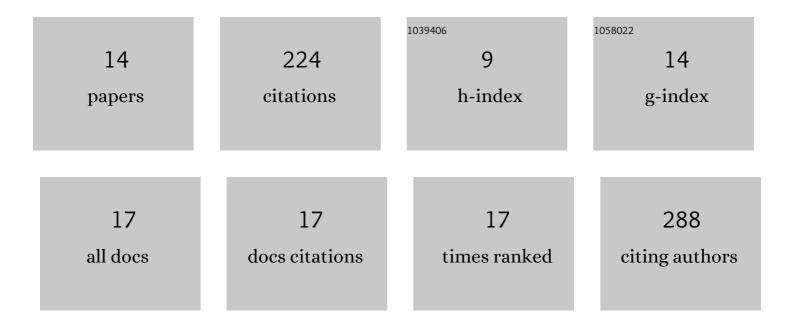
## Ivan Yu Eremchev

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Three-dimensional fluorescence nanoscopy of single quantum emitters based on the optics of spiral light beams. Physics-Uspekhi, 2022, 65, 617-626.	0.8	2
2	Lack of Photon Antibunching Supports Supertrap Model of Photoluminescence Blinking in Perovskite Subâ€Micrometer Crystals. Advanced Optical Materials, 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. Journal of Physical Chemistry C, 2021, 125, 17774-17785.	1.5	9
4	Single quantum emitters detection with amateur CCD: Comparison to a scientific-grade camera. Optics and Laser Technology, 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. Physical Review B, 2020, 102, .	1.1	4
6	Contribution of electron-phonon coupling to the luminescence spectra of single colloidal quantum dots. Journal of Chemical Physics, 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. EPJ Web of Conferences, 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. EPJ Web of Conferences, 2018, 190, 04019.	0.1	0
9	The study of a new family of phase masks for three-dimensional fluorescence nanoscopy. EPJ Web of Conferences, 2018, 190, 04007.	0.1	0
10	Two Mechanisms of Fluorescence Intermittency in Single Core/Shell Quantum Dot. Journal of Physical Chemistry C, 2015, 119, 22646-22652.	1.5	33
11	Laser selective spectromicroscopy of myriad single molecules: tool for far-field multicolour materials nanodiagnostics. European Physical Journal D, 2014, 68, 1.	0.6	46
12	A tool for alignment of multiple laser beams in pump–probe experiments. Measurement Science and Technology, 2013, 24, 027002.	1.4	17
13	Low-temperature dynamics in amorphous polymers and low-molecular-weight glasses—what is the difference?. Physical Chemistry Chemical Physics, 2011, 13, 1843-1848.	1.3	29
14	Orthoâ€Dichlorobenzene Doped with Terrylene—a Highly Photo‣table Singleâ€Molecule System Promising for Photonics Applications. ChemPhysChem, 2010, 11, 182-187.	1.0	30