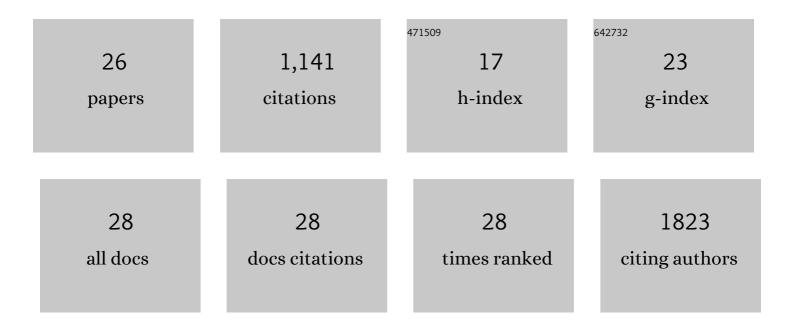
Andriy Chmyrov

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Genetically encoded photo-switchable molecular sensors for optoacoustic and super-resolution imaging. Nature Biotechnology, 2022, 40, 598-605.	17.5	23
2	Multifunctional Magneto-Plasmonic Fe3O4/Au Nanocomposites: Approaching Magnetophoretically-Enhanced Photothermal Therapy. Nanomaterials, 2021, 11, 1113.	4.1	21
3	Noninvasive visualization of electrical conductivity in tissues at the micrometer scale. Science Advances, 2021, 7, .	10.3	8
4	Siliconâ€Photonics Point Sensor for Highâ€Resolution Optoacoustic Imaging. Advanced Optical Materials, 2021, 9, 2100256.	7.3	9
5	Label-free metabolic imaging by mid-infrared optoacoustic microscopy in living cells. Nature Biotechnology, 2020, 38, 293-296.	17.5	74
6	A submicrometre silicon-on-insulator resonator for ultrasound detection. Nature, 2020, 585, 372-378.	27.8	98
7	Challenging a Preconception: Optoacoustic Spectrum Differs from the Optical Absorption Spectrum of Proteins and Dyes for Molecular Imaging. Analytical Chemistry, 2020, 92, 10717-10724.	6.5	26
8	Structure-Based Mutagenesis of Phycobiliprotein smURFP for Optoacoustic Imaging. ACS Chemical Biology, 2019, 14, 1896-1903.	3.4	15
9	Homogentisic acid-derived pigment as a biocompatible label for optoacoustic imaging of macrophages. Nature Communications, 2019, 10, 5056.	12.8	13
10	Characterization of Reversibly Switchable Fluorescent Proteins in Optoacoustic Imaging. Analytical Chemistry, 2018, 90, 10527-10535.	6.5	24
11	Achromatic light patterning and improved image reconstruction for parallelized RESOLFT nanoscopy. Scientific Reports, 2017, 7, 44619.	3.3	25
12	NeuBtracker—imaging neurobehavioral dynamics in freely behaving fish. Nature Methods, 2017, 14, 1079-1082.	19.0	31
13	Comment on "Extended-resolution structured illumination imaging of endocytic and cytoskeletal dynamics― Science, 2016, 352, 527-527.	12.6	43
14	Maximizing the Fluorescence Signal and Photostability of Fluorophores by Quenching Dark-States. Biophysical Journal, 2014, 106, 196a.	0.5	0
15	Two olor RESOLFT Nanoscopy with Green and Red Fluorescent Photochromic Proteins. ChemPhysChem, 2014, 15, 655-663.	2.1	53
16	Nanoscopy with more than 100,000 'doughnuts'. Nature Methods, 2013, 10, 737-740.	19.0	231
17	RESOLFT Nanoscopy in Living Cells at High Speed. , 2013, , .		0
18	Förster Resonance Energy Transfer beyond 10 nm: Exploiting the Triplet State Kinetics of Organic Fluorophores. Journal of Physical Chemistry B, 2011, 115, 13360-13370.	2.6	37

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#	Article	IF	CITATIONS
19	lodide as a Fluorescence Quencher and Promoter—Mechanisms and Possible Implications. Journal of Physical Chemistry B, 2010, 114, 11282-11291.	2.6	98
20	Electrostatic Interactions of Fluorescent Molecules with Dielectric Interfaces Studied by Total Internal Reflection Fluorescence Correlation Spectroscopy. International Journal of Molecular Sciences, 2010, 11, 386-406.	4.1	15
21	Quenching of Triplet State Fluorophores for Studying Diffusion-Mediated Reactions in Lipid Membranes. Biophysical Journal, 2010, 99, 3821-3830.	0.5	19
22	Recovery of Photoinduced Reversible Dark States Utilized for Molecular Diffusion Measurements. Analytical Chemistry, 2010, 82, 9998-10005.	6.5	7
23	Triplet-State Investigations of Fluorescent Dyes at Dielectric Interfaces Using Total Internal Reflection Fluorescence Correlation Spectroscopy. Journal of Physical Chemistry A, 2009, 113, 5554-5566.	2.5	31
24	Characterization of New Fluorescent Labels for Ultrahigh Resolution Microscopy. , 2009, , .		0
25	Characterization of new fluorescent labels for ultra-high resolution microscopy. Photochemical and Photobiological Sciences, 2008, 7, 1378.	2.9	30
26	Strategies to Improve Photostabilities in Ultrasensitive Fluorescence Spectroscopy. Journal of Physical Chemistry A, 2007, 111, 429-440.	2.5	207