

Yang Zhang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38

papers

486

citations

12

h-index

21

g-index

47

ext. papers

647

ext. citations

6.3

avg, IF

3.96

L-index

#	Paper	IF	Citations
38	Investigating Single-Molecule Fluorescence Spectral Heterogeneity of Rhodamines Using High-Throughput Single-Molecule Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 3914-3921	6.4	2
37	Super-resolution imaging of flat-mounted whole mouse cornea. <i>Experimental Eye Research</i> , 2021 , 205, 108499	3.7	1
36	BODIPYs with Photoactivatable Fluorescence. <i>Chemistry - A European Journal</i> , 2021 , 27, 11257-11267	4.8	3
35	Far-red photoactivatable BODIPYs for the super-resolution imaging of live cells. <i>Methods in Enzymology</i> , 2020 , 640, 131-147	1.7	1
34	Symmetrically dispersed spectroscopic single-molecule localization microscopy. <i>Light: Science and Applications</i> , 2020 , 9, 92	16.7	8
33	Live-Cell Imaging at the Nanoscale with Bioconjugatable and Photoactivatable Fluorophores. <i>Bioconjugate Chemistry</i> , 2020 , 31, 1052-1062	6.3	8
32	Super-Resolution Imaging of Self-Assembled Nanocarriers Using Quantitative Spectroscopic Analysis for Cluster Extraction. <i>Langmuir</i> , 2020 , 36, 2291-2299	4	8
31	Compact, "Clickable" Quantum Dots Photoligated with Multifunctional Zwitterionic Polymers for Immunofluorescence and Imaging. <i>Bioconjugate Chemistry</i> , 2020 , 31, 1497-1509	6.3	9
30	Photoactivatable fluorophores for single-molecule localization microscopy of live cells. <i>Methods and Applications in Fluorescence</i> , 2020 , 8, 032002	3.1	7
29	Accelerating multicolor spectroscopic single-molecule localization microscopy using deep learning. <i>Biomedical Optics Express</i> , 2020 , 11, 2705-2721	3.5	8
28	RainbowSTORM: an open-source ImageJ plug-in for spectroscopic single-molecule localization microscopy (sSMLM) data analysis and image reconstruction. <i>Bioinformatics</i> , 2020 , 36, 4972-4974	7.2	2
27	High-Throughput Single-Molecule Spectroscopy Resolves the Conformational Isomers of BODIPY Chromophores. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 6807-6812	6.4	4
26	Multicolor super-resolution imaging using spectroscopic single-molecule localization microscopy with optimal spectral dispersion. <i>Applied Optics</i> , 2019 , 58, 2248-2255	1.7	19
25	Machine-learning based spectral classification for spectroscopic single-molecule localization microscopy. <i>Optics Letters</i> , 2019 , 44, 5864-5867	3	4
24	Three-dimensional biplane spectroscopic single-molecule localization microscopy. <i>Optica</i> , 2019 , 6, 709	8.6	10
23	Three-dimensional biplane spectroscopic single-molecule localization microscopy: erratum. <i>Optica</i> , 2019 , 6, 1374	8.6	
22	Photochemical Barcodes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 4485-4488	16.4	30

21	A Photoactivatable Far-Red/Near-Infrared BODIPY To Monitor Cellular Dynamics in Vivo. <i>ACS Sensors</i> , 2018 , 3, 1347-1353	9.2	19
20	Fluorescence activation with switchable oxazines. <i>Chemical Communications</i> , 2018 , 54, 8799-8809	5.8	28
19	Far-Red Photoactivatable BODIPYs for the Super-Resolution Imaging of Live Cells. <i>Journal of the American Chemical Society</i> , 2018 , 140, 12741-12745	16.4	43
18	Fluorescence patterning with mild illumination in polymer films of photocleavable oxazines. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 1179-1183	7.1	8
17	Bioimaging with Macromolecular Probes Incorporating Multiple BODIPY Fluorophores. <i>Bioconjugate Chemistry</i> , 2017 , 28, 1519-1528	6.3	24
16	Detection of nitroaromatic explosives by a 3D hyperbranched π -conjugated polymer based on a POSS scaffold. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 14343-14354	13	30
15	Facile fabrication of AIE/AIEE-active fluorescent nanoparticles based on barbituric for cell imaging applications. <i>RSC Advances</i> , 2017 , 7, 30229-30241	3.7	32
14	Highlighting Cancer Cells with Halochromic Switches. <i>ACS Sensors</i> , 2017 , 2, 92-101	9.2	16
13	A photoactivatable light tracer. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 12714-12719	7.1	10
12	A Photoswitchable Fluorophore for the Real-Time Monitoring of Dynamic Events in Living Organisms. <i>Chemistry - A European Journal</i> , 2016 , 22, 15027-15034	4.8	19
11	Supramolecular delivery of fluorescent probes in developing embryos. <i>RSC Advances</i> , 2016 , 6, 72756-72760	3.9	6
10	A fluorescent and halochromic indolizine switch. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 2744-2747	7.1	21
9	Synthesis in living cells with the assistance of supramolecular nanocarriers. <i>RSC Advances</i> , 2016 , 6, 32441-32445	3.7	5
8	Self-Assembling Nanoparticles of Amphiphilic Polymers for In Vitro and In Vivo FRET Imaging. <i>Topics in Current Chemistry</i> , 2016 , 370, 29-59		5
7	A pH-Gated Photocage. <i>Advanced Optical Materials</i> , 2016 , 4, 1363-1366	8.1	3
6	Semiconductor Quantum Dots with Photoresponsive Ligands. <i>Topics in Current Chemistry</i> , 2016 , 374, 73	7.2	8
5	Photoactivatable BODIPYs designed to monitor the dynamics of supramolecular nanocarriers. <i>Journal of the American Chemical Society</i> , 2015 , 137, 4709-19	16.4	57
4	Optical writing and reading with a photoactivatable carbazole. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 11140-3	3.6	11

3	Energy-Transfer Schemes To Probe Fluorescent Nanocarriers and Their Emissive Cargo. <i>Langmuir</i> , 2015 , 31, 9557-65	4	11
2	Two-Photon Absorption Properties of s-Triazine Derivatives With Near Octupolar Symmetry. <i>Advanced Materials Research</i> , 2013 , 652-654, 542-545	0.5	1
1	Optical Properties of Chromophores with Different Six-Membered N-Heterocyclic Aromatic Ring. <i>Advanced Materials Research</i> , 2011 , 236-238, 1598-1602	0.5	