

Rong Zhao

List of Publications by Year in descending order

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papers

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citations

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all docs

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docs citations

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512
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated Stoichiometry Analysis of Single-Molecule Fluorescence Imaging Traces via Deep Learning. <i>Journal of the American Chemical Society</i> , 2019, 141, 6976-6985.	13.7	61
2	Ultrastable Fluorescent Polymer Dots for Stimulated Emission Depletion Bioimaging. <i>Advanced Optical Materials</i> , 2018, 6, 1800333.	7.3	50
3	Single-molecule imaging and tracking of molecular dynamics in living cells. <i>National Science Review</i> , 2017, 4, 739-760.	9.5	37
4	A Microwell-Assisted Multiaptamer Immunomagnetic Platform for Capture and Genetic Analysis of Circulating Tumor Cells. <i>Advanced Healthcare Materials</i> , 2018, 7, e1801231.	7.6	28
5	Fluorescent Polymer Dot-Based Multicolor Stimulated Emission Depletion Nanoscopy with a Single Laser Beam Pair for Cellular Tracking. <i>Analytical Chemistry</i> , 2020, 92, 12088-12096.	6.5	25
6	Simultaneous Detection of Exosomal Membrane Protein and RNA by Highly Sensitive Aptamer Assisted Multiplexed PCR. <i>ACS Applied Bio Materials</i> , 2020, 3, 2560-2567.	4.6	22
7	Photorelease of Pyridines Using a Metal-Free Photoremovable Protecting Group. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18386-18389.	13.8	22
8	Single-molecule imaging reveals the stoichiometry change of β_2 -adrenergic receptors by a pharmacological biased ligand. <i>Chemical Communications</i> , 2016, 52, 7086-7089.	4.1	18
9	Quantitative Characterization of the Membrane Dynamics of Newly Delivered TGF- β_2 Receptors by Single-Molecule Imaging. <i>Analytical Chemistry</i> , 2018, 90, 4282-4287.	6.5	14
10	Single-molecule force spectroscopy study of interactions between angiotensin II type 1 receptor and different biased ligands in living cells. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3275-3284.	3.7	12
11	Characterization of Hepatitis C Virus Core Protein Dimerization by Atomic Force Microscopy. <i>Analytical Chemistry</i> , 2018, 90, 4596-4602.	6.5	10
12	Quantitative single-molecule study of TGF- β /Smad signaling. <i>Acta Biochimica Et Biophysica Sinica</i> , 2018, 50, 51-59.	2.0	10
13	Analysis of the Diffusivity Change from Single-Molecule Trajectories on Living Cells. <i>Analytical Chemistry</i> , 2019, 91, 13390-13397.	6.5	8
14	Analyzing protein dynamics from fluorescence intensity traces using unsupervised deep learning network. <i>Communications Biology</i> , 2020, 3, 669.	4.4	6
15	Photorelease of Pyridines Using a Metal-Free Photoremovable Protecting Group. <i>Angewandte Chemie</i> , 2020, 132, 18544-18547.	2.0	5
16	The different catalytic effects of Na species on char gasification and the reasons for this different. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 5687-5699.	3.6	4