

Pavel Zrazhevskiy

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,879
citations

933447

10
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

3709
citing authors

#	ARTICLE	IF	CITATIONS
1	Eliminating Size-Associated Diffusion Constraints for Rapid On-Surface Bioassays with Nanoparticle Probes. <i>Small</i> , 2016, 12, 1035-1043.	10.0	21
2	Cross-Platform DNA Encoding for Single-Cell Imaging of Gene Expression. <i>Angewandte Chemie</i> , 2016, 128, 9121-9124.	2.0	0
3	Cross-Platform DNA Encoding for Single-Cell Imaging of Gene Expression. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8975-8978.	13.8	10
4	Bioassays: Eliminating Size-Associated Diffusion Constraints for Rapid On-Surface Bioassays with Nanoparticle Probes (<i>Small</i> 8/2016). <i>Small</i> , 2016, 12, 1034-1034.	10.0	2
5	Multiplexed In-cell Immunoassay for Same-sample Protein Expression Profiling. <i>Scientific Reports</i> , 2015, 5, 13651.	3.3	3
6	Addressing Key Technical Aspects of Quantum Dot Probe Preparation for Bioassays. <i>Particle and Particle Systems Characterization</i> , 2014, 31, 1291-1299.	2.3	2
7	Solid-Phase Bioconjugation of Heterobifunctional Adaptors for Versatile Assembly of Bispecific Targeting Ligands. <i>Bioconjugate Chemistry</i> , 2014, 25, 1511-1516.	3.6	7
8	An Aggregation-Induced-Emission Platform for Direct Visualization of Interfacial Dynamic Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13518-13522.	13.8	77
9	Multicolor multicycle molecular profiling with quantum dots for single-cell analysis. <i>Nature Protocols</i> , 2013, 8, 1852-1869.	12.0	60
10	Quantum dots as a platform for nanoparticle drug delivery vehicle design. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 703-718.	13.7	375
11	Quantum dot imaging platform for single-cell molecular profiling. <i>Nature Communications</i> , 2013, 4, 1619.	12.8	217
12	Rapid Multitarget Immunomagnetic Separation through Programmable DNA Linker Displacement. <i>Journal of the American Chemical Society</i> , 2011, 133, 17126-17129.	13.7	34
13	Designing multifunctional quantum dots for bioimaging, detection, and drug delivery. <i>Chemical Society Reviews</i> , 2010, 39, 4326.	38.1	866
14	Encapsulation of Single Quantum Dots with Mesoporous Silica. <i>Annals of Biomedical Engineering</i> , 2009, 37, 1960-1966.	2.5	75
15	Multifunctional quantum dots for personalized medicine. <i>Nano Today</i> , 2009, 4, 414-428.	11.9	113