Yuesong Hu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5519727/publications.pdf

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15	295	933447 10	996975 15
papers	citations	h-index	g-index

15	15	15	314
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A specific fluorescent probe reveals compromised activity of methionine sulfoxide reductases in Parkinson's disease. Chemical Science, 2017, 8, 2966-2972.	7.4	38
2	A selective colorimetric and red-emitting fluorometric probe for sequential detection of Cu2+ and H2S. Sensors and Actuators B: Chemical, 2018, 255, 3155-3162.	7.8	38
3	The magnitude of LFA-1/ICAM-1 forces fine-tune TCR-triggered T cell activation. Science Advances, 2022, 8, eabg4485.	10.3	36
4	Mechanically Triggered Hybridization Chain Reaction. Angewandte Chemie - International Edition, 2021, 60, 19974-19981.	13.8	34
5	DNA Gold Nanoparticle Motors Demonstrate Processive Motion with Bursts of Speed Up to 50 nm Per Second. ACS Nano, 2021, 15, 8427-8438.	14.6	28
6	An ultrafast turn-on thiol probe for protein labeling and bioimaging. Analyst, The, 2016, 141, 2009-2015.	3.5	26
7	Highly selective fluorometric probes for detection of HClO in living cells. Sensors and Actuators B: Chemical, 2018, 266, 447-454.	7.8	21
8	Imaging vesicle formation dynamics supports the flexible model of clathrin-mediated endocytosis. Nature Communications, 2022, 13, 1732.	12.8	17
9	Excited-State Dynamics of Melamine and Its Lysine Derivative Investigated by Femtosecond Transient Absorption Spectroscopy. Molecules, 2016, 21, 1645.	3.8	15
10	DNAâ€Based Microparticle Tension Sensors (Î¼TS) for Measuring Cell Mechanics in Nonâ€planar Geometries and for Highâ€Throughput Quantification. Angewandte Chemie - International Edition, 2021, 60, 18044-18050.	13.8	13
11	A chemical covalent tactic for bio-thiol sensing and protein labeling agent design. Chemical Communications, 2020, 56, 11485-11488.	4.1	10
12	DNA Tension Probes to Map the Transient Piconewton Receptor Forces by Immune Cells. Journal of Visualized Experiments, 2021, , .	0.3	6
13	DNAâ€Based Microparticle Tension Sensors (Î¼TS) for Measuring Cell Mechanics in Nonâ€planar Geometries and for Highâ€Throughput Quantification. Angewandte Chemie, 2021, 133, 18192-18198.	2.0	6
14	Gene Regulation Using Nanodiscs Modified with HIF-1-Î± Antisense Oligonucleotides. Bioconjugate Chemistry, 2022, 33, 279-293.	3.6	4
15	Mechanically Triggered Hybridization Chain Reaction. Angewandte Chemie, 2021, 133, 20127-20134.	2.0	3