Fang Jiao

List of Publications by Year
in descending order

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16 papers	643 citations	758635 12 h-index	940134 16 g-index
18 all docs	18 docs citations	18 times ranked	901 citing authors

#	Article	IF	Citations
1	High-speed atomic force microscopy to study pore-forming proteins. Methods in Enzymology, 2021, 649, 189-217.	0.4	13
2	Design of biologically active binary protein 2D materials. Nature, 2021, 589, 468-473.	13.7	85
3	Quantitative description of a contractile macromolecular machine. Science Advances, 2021, 7, .	4.7	9
4	The hierarchical assembly of septins revealed by high-speed AFM. Nature Communications, 2020, 11, 5062.	5.8	35
5	Nanoreporter of an Enzymatic Suicide Inactivation Pathway. Nano Letters, 2020, 20, 7819-7827.	4.5	25
6	Structure and mechanism of bactericidal mammalian perforin-2, an ancient agent of innate immunity. Science Advances, 2020, 6, eaax8286.	4.7	66
7	Hierarchical Assembly of Peptoidâ€Based Cylindrical Micelles Exhibiting Efficient Resonance Energy Transfer in Aqueous Solution. Angewandte Chemie - International Edition, 2019, 58, 12223-12230.	7.2	34
8	Hierarchical Assembly of Peptoidâ€Based Cylindrical Micelles Exhibiting Efficient Resonance Energy Transfer in Aqueous Solution. Angewandte Chemie, 2019, 131, 12351-12358.	1.6	1
9	Tuning crystallization pathways through sequence engineering of biomimetic polymers. Nature Materials, 2017, 16, 767-774.	13.3	116
10	Self-Repair: Self-Repair and Patterning of 2D Membrane-Like Peptoid Materials (Adv. Funct. Mater.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	7.8	1
11	Selfâ€Repair and Patterning of 2D Membraneâ€Like Peptoid Materials. Advanced Functional Materials, 2016, 26, 8960-8967.	7.8	50
12	Highly stable and self-repairing membrane-mimetic 2D nanomaterials assembled from lipid-like peptoids. Nature Communications, 2016, 7, 12252.	5.8	124
13	Label-free electrochemical multi-sites recognition of G-rich DNA using multi-walled carbon nanotubesâ€“supported molecularly imprinted polymer with guanine sites of DNA. Electrochimica Acta, 2016, 199, 133-141.	2.6	18
14	Scanning Electrochemical Microscopy of DNA Hybridization on DNA Microarrays Enhanced by HRP-Modified SiO2 Nanoparticles. Analytical Chemistry, 2013, 85, 6511-6517.	3.2	27
15	Qualitative and quantitative detection of DNA amplified with HRP-modified SiO2 nanoparticles using scanning electrochemical microscopy. Biosensors and Bioelectronics, 2013, 47, 373-378.	5.3	20
16	Directly investigating the interaction between aptamers and thrombin by atomic force microscopy. Journal of Molecular Recognition, 2013, 26, 672-678.	1.1	16