

Chunhua Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/168377/publications.pdf>

Version: 2024-02-01

11
papers

231
citations

1684188

5
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

375
citing authors

#	ARTICLE	IF	CITATIONS
1	RQC helical hairpin in Bloom's syndrome helicase regulates DNA unwinding by dynamically intercepting nascent nucleotides. <i>IScience</i> , 2022, 25, 103606.	4.1	2
2	Identification of flexible Pif1â€“DNA interactions and their impacts on enzymatic activities. <i>Nucleic Acids Research</i> , 2022, 50, 7002-7012.	14.5	2
3	Subnanometer-Precision Measurements of Transmembrane Motions of Biomolecules in Plasma Membranes Using Quenchers in Extracellular Environment. <i>Nano Letters</i> , 2021, 21, 485-491.	9.1	6
4	Mismatch sensing by nucleofilament deciphers mechanism of RecA-mediated homologous recombination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20549-20554.	7.1	5
5	Helicase Stepping Investigated with One-Nucleotide Resolution Fluorescence Resonance Energy Transfer. <i>Physical Review Letters</i> , 2017, 119, 138102.	7.8	16
6	Single-molecule visualization of dynamic transitions of pore-forming peptides among multiple transmembrane positions. <i>Nature Communications</i> , 2016, 7, 12906.	12.8	30
7	Mechanically exfoliated g-C ₃ N ₄ thin nanosheets by ball milling as high performance photocatalysts. <i>RSC Advances</i> , 2015, 5, 56239-56243.	3.6	54
8	Temperature dependence of refractive indices for 4H- and 6H-SiC. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	17
9	4Hâ€“SiC: a new nonlinear material for midinfrared lasers. <i>Laser and Photonics Reviews</i> , 2013, 7, 831-838.	8.7	99
10	Unbinding strength between C-terminal segment of AtMAP65-1 and microtubule studied with dual-optical tweezers. , 2006, , .		0
11	New insight into the mechanism of DNA polymerase I revealed by single-molecule FRET studies of Klenow Fragment. <i>Chinese Physics B</i> , 0, , .	1.4	0