

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2933012/publications.pdf>

Version: 2024-02-01

12
papers

1,044
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1575
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy Harvesting with Single-Ion-Selective Nanopores: A Concentration-Gradient-Driven Nanofluidic Power Source. <i>Advanced Functional Materials</i> , 2010, 20, 1339-1344.	14.9	419
2	Towards understanding the nanofluidic reverse electrodialysis system: well matched charge selectivity and ionic composition. <i>Energy and Environmental Science</i> , 2011, 4, 2259.	30.8	168
3	Recognition of methylated DNA through methyl-CpG binding domain proteins. <i>Nucleic Acids Research</i> , 2012, 40, 2747-2758.	14.5	115
4	Transient β -hairpin formation in α -synuclein monomer revealed by coarse-grained molecular dynamics simulation. <i>Journal of Chemical Physics</i> , 2015, 143, 243142.	3.0	73
5	Mechanism for the Regulated Control of Bacterial Transcription Termination by a Universal Adaptor Protein. <i>Molecular Cell</i> , 2018, 71, 911-922.e4.	9.7	65
6	Designing a Green Fluorogenic Protease Reporter by Flipping a Beta Strand of GFP for Imaging Apoptosis in Animals. <i>Journal of the American Chemical Society</i> , 2019, 141, 4526-4530.	13.7	64
7	Mechanism of Substrate Translocation by a Ring-Shaped ATPase Motor at Millisecond Resolution. <i>Journal of the American Chemical Society</i> , 2015, 137, 3031-3040.	13.7	52
8	Theoretical and Computational Investigation of Flagellin Translocation and Bacterial Flagellum Growth. <i>Biophysical Journal</i> , 2011, 100, 2548-2556.	0.5	23
9	Proline-rich domain of human ALIX contains multiple TSG101-UEV interaction sites and forms phosphorylation-mediated reversible amyloids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24274-24284.	7.1	21
10	The myosin II coiled-coil domain atomic structure in its native environment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	19
11	Free-energy simulations reveal molecular mechanism for functional switch of a DNA helicase. <i>ELife</i> , 2018, 7, .	6.0	15
12	Kinetic and structural mechanism for DNA unwinding by a non-hexameric helicase. <i>Nature Communications</i> , 2021, 12, 7015.	12.8	10