

List of Publications by Year in descending order

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12
papers

1,044
citations

840776

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h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1575
citing authors

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