

Dhiman Ray

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5795128/publications.pdf>

Version: 2024-02-01

11
papers

212
citations

1306789

7
h-index

1372195

10
g-index

15
all docs

15
docs citations

15
times ranked

206
citing authors

#	ARTICLE	IF	CITATIONS
1	Distant residues modulate conformational opening in SARS-CoV-2 spike protein. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	69
2	Weighted ensemble milestoning (WEM): A combined approach for rare event simulations. Journal of Chemical Physics, 2020, 152, 234114.	1.2	22
3	Controlling Heterogeneous Catalysis of Water Dissociation Using Cu-Ni Bimetallic Alloy Surfaces: A Quantum Dynamics Study. Journal of Physical Chemistry A, 2018, 122, 5698-5709.	1.1	20
4	Markovian Weighted Ensemble Milestoning (M-WEM): Long-Time Kinetics from Short Trajectories. Journal of Chemical Theory and Computation, 2022, 18, 79-95.	2.3	20
5	Effects of alloying on mode-selectivity in H ₂ O dissociation on Cu/Ni bimetallic surfaces. Journal of Chemical Physics, 2019, 150, 114702.	1.2	19
6	Interfacial water and ion distribution determine ζ potential and binding affinity of nanoparticles to biomolecules. Nanoscale, 2020, 12, 18106-18123.	2.8	14
7	Kinetics and free energy of ligand dissociation using weighted ensemble milestoning. Journal of Chemical Physics, 2020, 153, 154117.	1.2	10
8	Free Energy Landscape and Conformational Kinetics of Hoogsteen Base Pairing in DNA vs. RNA. Biophysical Journal, 2020, 119, 1568-1579.	0.2	10
9	Controlling Electron Dynamics with Carrier-Envelope Phases of a Laser Pulse. Journal of Physical Chemistry A, 2019, 123, 4702-4707.	1.1	6
10	Point mutations in SARS-CoV-2 variants induce long-range dynamical perturbations in neutralizing antibodies. Chemical Science, 2022, 13, 7224-7239.	3.7	6
11	Kinetics and Free Energy of Protein Ligand Interaction using Weighted Ensemble Milestoning (WEM). Biophysical Journal, 2021, 120, 97a.	0.2	0