

Suman Saurabh

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

186
citations

1306789

7
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1372195

10
g-index

13
all docs

13
docs citations

13
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA Elasticity from Short DNA to Nucleosomal DNA. <i>Journal of Physical Chemistry B</i> , 2015, 119, 11146-11156.	1.2	48
2	The SPL7013 dendrimer destabilizes the HIV-1 gp120-CD4 complex. <i>Nanoscale</i> , 2015, 7, 18628-18641.	2.8	41
3	Atomistic Simulation of Stacked Nucleosome Core Particles: Tail Bridging, the H4 Tail, and Effect of Hydrophobic Forces. <i>Journal of Physical Chemistry B</i> , 2016, 120, 3048-3060.	1.2	30
4	Understanding the origin of liquid crystal ordering of ultrashort double-stranded DNA. <i>Physical Review E</i> , 2017, 95, 032702.	0.8	15
5	Liquid crystal ordering of nucleic acids. <i>Soft Matter</i> , 2020, 16, 634-641.	1.2	12
6	Protamine Binding Site on DNA: Molecular Dynamics Simulations and Free Energy Calculations with Full Atomistic Details. <i>Journal of Physical Chemistry B</i> , 2021, 125, 3032-3044.	1.2	10
7	Crowding-Induced Uncompetitive Inhibition of Lactate Dehydrogenase: Role of Entropic Pushing. <i>Journal of Physical Chemistry B</i> , 2020, 124, 727-734.	1.2	8
8	Molecular Dynamics Simulations in Drug Discovery and Drug Delivery. <i>Engineering Materials</i> , 2020, , 275-301.	0.3	7
9	Orientation Dependence of Inter-NCP Interaction: Insights into the Behavior of Liquid Crystal Phase and Chromatin Fiber Organization. <i>Journal of Physical Chemistry B</i> , 2020, 124, 314-323.	1.2	5
10	Energetics of dendrimer binding to HIV-1 gp120-CD4 complex and mechanistic aspects of its role as an entry-inhibitor. <i>Journal of Physics: Conference Series</i> , 2016, 759, 012020.	0.3	4
11	Mesoscale computational protocols for the design of highly cooperative bivalent macromolecules. <i>Scientific Reports</i> , 2020, 10, 7992.	1.6	0