

Seyit Kale

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

258
citations

933447

10
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940533

16
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17
all docs

17
docs citations

17
times ranked

333
citing authors

#	ARTICLE	IF	CITATIONS
1	Lewis-inspired representation of dissociable water in clusters and Grotthuss chains. <i>Journal of Biological Physics</i> , 2012, 38, 49-59.	1.5	36
2	Proton Defect Solvation and Dynamics in Aqueous Acid and Base. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11029-11032.	13.8	31
3	Phase-plate cryo-EM structure of the Widom 601 CENP-A nucleosome core particle reveals differential flexibility of the DNA ends. <i>Nucleic Acids Research</i> , 2020, 48, 5735-5748.	14.5	27
4	Natural polarizability and flexibility via explicit valency: The case of water. <i>Journal of Chemical Physics</i> , 2012, 136, 084109.	3.0	26
5	Molecular recognition of nucleosomes by binding partners. <i>Current Opinion in Structural Biology</i> , 2019, 56, 164-170.	5.7	21
6	Histone Octamer Structure Is Altered Early in ISW2 ATP-Dependent Nucleosome Remodeling. <i>Cell Reports</i> , 2019, 28, 282-294.e6.	6.4	20
7	Unraveling linker histone interactions in nucleosomes. <i>Current Opinion in Structural Biology</i> , 2021, 71, 87-93.	5.7	19
8	Pairwise Long-Range Compensation for Strongly Ionic Systems. <i>Journal of Chemical Theory and Computation</i> , 2011, 7, 3620-3624.	5.3	18
9	Transferable pseudoclassical electrons for aufbau of atomic ions. <i>Journal of Computational Chemistry</i> , 2014, 35, 1159-1164.	3.3	16
10	Chemistry with semi-classical electrons: reaction trajectories auto-generated by sub-atomistic force fields. <i>Chemical Science</i> , 2017, 8, 4203-4210.	7.4	11
11	Multiple Time-Step Dual-Hamiltonian Hybrid Molecular Dynamics “ Monte Carlo Canonical Propagation Algorithm. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 1449-1458.	5.3	9
12	Potential Regulatory Role of Competitive Encounter Complexes in Paralogous Phosphotransferase Systems. <i>Journal of Molecular Biology</i> , 2019, 431, 2331-2342.	4.2	8
13	Model of a Kinetically Driven Crosstalk between Paralogous Protein Encounter Complexes. <i>Biophysical Journal</i> , 2019, 117, 1655-1665.	0.5	6
14	CENP-A Nucleosome is a Sensitive Allosteric Scaffold for DNA and Chromatin Factors. <i>Journal of Molecular Biology</i> , 2021, 433, 166789.	4.2	5
15	Finding Chemical Reaction Paths with a Multilevel Preconditioning Protocol. <i>Journal of Chemical Theory and Computation</i> , 2014, 10, 5467-5475.	5.3	3
16	A Simple Model for Amphiprotic Water and Proton Transfer Reactions. <i>Biophysical Journal</i> , 2009, 96, 240a.	0.5	0