

Mandar Kulkarni

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

145
citations

1478505

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1372567

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14
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14
docs citations

14
times ranked

233
citing authors

#	ARTICLE	IF	CITATIONS
1	In silico direct folding of thrombin-binding aptamer G-quadruplex at all-atom level. <i>Nucleic Acids Research</i> , 2017, 45, 12648-12656.	14.5	37
2	Understanding B-DNA to A-DNA transition in the right-handed DNA helix: Perspective from a local to global transition. <i>Progress in Biophysics and Molecular Biology</i> , 2017, 128, 63-73.	2.9	31
3	Ionic liquid prolongs DNA translocation through graphene nanopores. <i>RSC Advances</i> , 2016, 6, 46019-46029.	3.6	18
4	Sequence dependent free energy profiles of localized B- to A-form transition of DNA in water. <i>Journal of Chemical Physics</i> , 2013, 139, 155102.	3.0	15
5	Ionic liquid induced G-quadruplex formation and stabilization: spectroscopic and simulation studies. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 29740-29746.	2.8	10
6	Water modulates the ultraslow dynamics of hydrated ionic liquids near CG rich DNA: consequences for DNA stability. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 32107-32115.	2.8	9
7	Spectroscopic Ellipsometry of fluid and gel phase lipid bilayers in hydrated conditions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 176, 55-61.	5.0	7
8	Accurate prediction of B-form/A-form DNA conformation propensity from primary sequence: A machine learning and free energy handshake. <i>Patterns</i> , 2021, 2, 100329.	5.9	7
9	Helical supramolecular organization of a 1,2-diol appended naphthalene diimide organogelator via an extended intermolecular H-bonding network. <i>RSC Advances</i> , 2016, 6, 30690-30694.	3.6	5
10	Computational Approach to Explore the B/A Junction Free Energy in DNA. <i>ChemPhysChem</i> , 2016, 17, 147-154.	2.1	2
11	Refined Alkali Metal Ion Parameters for the OPC Water Model. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 931-935.	1.9	0
12	Interleaflet Decoupling in a Lipid Bilayer at Excess Cholesterol Probed by Spectroscopic Ellipsometry and Simulations. <i>Journal of Membrane Biology</i> , 2020, 253, 647-659.	2.1	0