

Harshad Joshi

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

222
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

303
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the origin of tubulin rigidity with molecular simulations. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15743-15748.	7.1	45
2	Electric Field Effects on Aromatic and Aliphatic Hydrocarbons: A Density-Functional Study. Journal of Physical Chemistry A, 2007, 111, 9111-9121.	2.5	33
3	Multiscale simulation of microbe structure and dynamics. Progress in Biophysics and Molecular Biology, 2011, 107, 200-217.	2.9	29
4	A molecular dynamics study of loop fluctuation in human papillomavirus type 16 virus-like particles: A possible indicator of immunogenicity. Vaccine, 2011, 29, 9423-9430.	3.8	22
5	Alternate Structural Conformations of Streptococcus pneumoniae Hyaluronan Lyase: Insights into Enzyme Flexibility and Underlying Molecular Mechanism of Action. Journal of Molecular Biology, 2006, 358, 1165-1178.	4.2	21
6	Epitope Fluctuations in the Human Papillomavirus Are Under Dynamic Allosteric Control: A Computational Evaluation of a New Vaccine Design Strategy. Journal of the American Chemical Society, 2013, 135, 18458-18468.	13.7	19
7	Space Warping Order Parameters and Symmetry: Application to Multiscale Simulation of Macromolecular Assemblies. Journal of Physical Chemistry B, 2012, 116, 8423-8434.	2.6	16
8	Epitope engineering and molecular metrics of immunogenicity: A computational approach to VLP-based vaccine design. Vaccine, 2013, 31, 4841-4847.	3.8	15
9	Domain motions of hyaluronan lyase underlying processive hyaluronan translocation. Proteins: Structure, Function and Bioinformatics, 2009, 76, 30-46.	2.6	11
10	Exploring the Contribution of Collective Motions to the Dynamics of Forced-Unfolding in Tubulin. Biophysical Journal, 2010, 98, 657-666.	0.5	11