

Lin Frank Song

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,616
citations

759233

12
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

2903
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of an Inhibitor on the ACE2-Receptor-Binding Domain of SARS-CoV-2. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 6574-6585.	5.4	9
2	Parameterization of Monovalent Ions for the OPC3, OPC, TIP3P-FB, and TIP4P-FB Water Models. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 869-880.	5.4	81
3	Parametrization of Trivalent and Tetravalent Metal Ions for the OPC3, OPC, TIP3P-FB, and TIP4P-FB Water Models. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 2342-2354.	5.3	23
4	FFENCODER-PL: Pair Wise Energy Descriptors for Protein-Ligand Pose Selection. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 6647-6657.	5.3	1
5	Evolution of Alchemical Free Energy Methods in Drug Discovery. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 5308-5318.	5.4	66
6	Systematic Parametrization of Divalent Metal Ions for the OPC3, OPC, TIP3P-FB, and TIP4P-FB Water Models. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 4429-4442.	5.3	58
7	Thermodynamics of Transition Metal Ion Binding to Proteins. <i>Journal of the American Chemical Society</i> , 2020, 142, 6365-6374.	13.7	28
8	Pair Potentials as Machine Learning Features. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 5385-5400.	5.3	4
9	Random Forest Refinement of Pairwise Potentials for Protein-Ligand Decoy Detection. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 3305-3315.	5.4	14
10	Using AMBER18 for Relative Free Energy Calculations. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 3128-3135.	5.4	138
11	The Role of the Active Site Flap in Streptavidin/Biotin Complex Formation. <i>Journal of the American Chemical Society</i> , 2018, 140, 5434-5446.	13.7	16
12	Generation of Pairwise Potentials Using Multidimensional Data Mining. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 5045-5067.	5.3	12
13	Detailed potential of mean force studies on host-guest systems from the SAMPL6 challenge. <i>Journal of Computer-Aided Molecular Design</i> , 2018, 32, 1013-1026.	2.9	15
14	Mechanism of Formation of the Nonstandard Product in the Prenyltransferase Reaction of the G115T Mutant of FtmPT1: A Case of Reaction Dynamics Calling the Shots?. <i>Biochemistry</i> , 2017, 56, 2995-3007.	2.5	4
15	Systematic Parameterization of Monovalent Ions Employing the Nonbonded Model. <i>Journal of Chemical Theory and Computation</i> , 2015, 11, 1645-1657.	5.3	334
16	Parameterization of Highly Charged Metal Ions Using the 12-6-4 LJ-Type Nonbonded Model in Explicit Water. <i>Journal of Physical Chemistry B</i> , 2015, 119, 883-895.	2.6	237
17	Phenylenediamine-Based FeN ₄ /C Catalyst with High Activity for Oxygen Reduction in Acid Medium and Its Active-Site Probing. <i>Journal of the American Chemical Society</i> , 2014, 136, 10882-10885.	13.7	566