

Zhihai Liu

List of Publications by Year in descending order

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14
papers

2,109
citations

933447
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1058476
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g-index

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docs citations

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times ranked

1911
citing authors

#	ARTICLE	IF	CITATIONS
1	Tapping on the Black Box: How Is the Scoring Power of a Machine-Learning Scoring Function Dependent on the Training Set?. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 1122-1136.	5.4	56
2	Comparative Assessment of Scoring Functions: The CASF-2016 Update. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 895-913.	5.4	367
3	Assessing proteinâ€“ligand interaction scoring functions with the CASF-2013 benchmark. <i>Nature Protocols</i> , 2018, 13, 666-680.	12.0	79
4	Development of a new benchmark for assessing the scoring functions applicable to proteinâ€“protein interactions. <i>Future Medicinal Chemistry</i> , 2018, 10, 1555-1574.	2.3	9
5	Forging the Basis for Developing Proteinâ€“Ligand Interaction Scoring Functions. <i>Accounts of Chemical Research</i> , 2017, 50, 302-309.	15.6	257
6	Enhance the performance of current scoring functions with the aid of 3D protein-ligand interaction fingerprints. <i>BMC Bioinformatics</i> , 2017, 18, 343.	2.6	14
7	AutoT&T v.2: An Efficient and Versatile Tool for Lead Structure Generation and Optimization. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 435-453.	5.4	24
8	Crossâ€“Mapping of Protein â€“ Ligand Binding Data Between ChEMBL and PDBbind. <i>Molecular Informatics</i> , 2015, 34, 568-576.	2.5	9
9	PDB-wide collection of binding data: current status of the PDBbind database. <i>Bioinformatics</i> , 2015, 31, 405-412.	4.1	375
10	Comparative Assessment of Scoring Functions on an Updated Benchmark: 1. Compilation of the Test Set. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 1700-1716.	5.4	175
11	Comparative Assessment of Scoring Functions on an Updated Benchmark: 2. Evaluation Methods and General Results. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 1717-1736.	5.4	294
12	Theoretical Analysis of Fas Ligandâ€“Induced Apoptosis with an Ordinary Differential Equation Model. <i>Molecular Informatics</i> , 2012, 31, 793-807.	2.5	2
13	A Statistical Survey on the Binding Constants of Covalently Bound Proteinâ€“Ligand Complexes. <i>Molecular Informatics</i> , 2010, 29, 87-96.	2.5	4
14	Comparative Assessment of Scoring Functions on a Diverse Test Set. <i>Journal of Chemical Information and Modeling</i> , 2009, 49, 1079-1093.	5.4	444