Zhihai Liu

List of Publications by Year
in descending order

14 papers	2,109 citations	933410 10 h-index	1058452 14 g-index
14 all docs	14 docs citations	14 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?. Journal of Chemical Information and Modeling, 2020, 60, 1122-1136.	5.4	56
2	Comparative Assessment of Scoring Functions: The CASF-2016 Update. Journal of Chemical Information and Modeling, 2019, 59, 895-913.	5.4	367
3	Assessing protein–ligand interaction scoring functions with the CASF-2013 benchmark. Nature Protocols, 2018, 13, 666-680.	12.0	79
4	Development of a new benchmark for assessing the scoring functions applicable to protein–protein interactions. Future Medicinal Chemistry, 2018, 10, 1555-1574.	2.3	9
5	Forging the Basis for Developing Protein–Ligand Interaction Scoring Functions. Accounts of Chemical Research, 2017, 50, 302-309.	15.6	257
6	Enhance the performance of current scoring functions with the aid of 3D protein-ligand interaction fingerprints. BMC Bioinformatics, 2017, 18, 343.	2.6	14
7	AutoT&T v.2: An Efficient and Versatile Tool for Lead Structure Generation and Optimization. Journal of Chemical Information and Modeling, 2016, 56, 435-453.	5.4	24
8	Cross‐Mapping of Protein – Ligand Binding Data Between ChEMBL and PDBbind. Molecular Informatics, 2015, 34, 568-576.	2.5	9
9	PDB-wide collection of binding data: current status of the PDBbind database. Bioinformatics, 2015, 31, 405-412.	4.1	375
10	Comparative Assessment of Scoring Functions on an Updated Benchmark: 1. Compilation of the Test Set. Journal of Chemical Information and Modeling, 2014, 54, 1700-1716.	5.4	175
11	Comparative Assessment of Scoring Functions on an Updated Benchmark: 2. Evaluation Methods and General Results. Journal of Chemical Information and Modeling, 2014, 54, 1717-1736.	5.4	294
12	Theoretical Analysis of Fas Ligand‐Induced Apoptosis with an Ordinary Differential Equation Model. Molecular Informatics, 2012, 31, 793-807.	2.5	2
13	A Statistical Survey on the Binding Constants of Covalently Bound Protein–Ligand Complexes. Molecular Informatics, 2010, 29, 87-96.	2.5	4
14	Comparative Assessment of Scoring Functions on a Diverse Test Set. Journal of Chemical Information and Modeling, 2009, 49, 1079-1093.	5.4	444