Haiping Zhang

List of Publications by Year
in descending order

28 papers	464 citations	1040056 9 h-index	752698 20 g-index
31 all docs	31 docs citations	31 times ranked	595 citing authors

#	Article	IF	Citations
1	Structural basis for the inhibition of SARS-CoV2 main protease by Indian medicinal plant-derived antiviral compounds. Journal of Biomolecular Structure and Dynamics, 2022, 40, 1970-1978.	3.5	30
2	Inter-Residue Distance Prediction From Duet Deep Learning Models. Frontiers in Genetics, 2022, 13, .	2.3	3
3	Validation of Deep Learning-Based DFCNN in Extremely Large-Scale Virtual Screening and Application in Trypsin I Protease Inhibitor Discovery. Frontiers in Molecular Biosciences, 2022, 9, .	3.5	4
4	Deep Learning-Based Drug Screening for COVID-19 and Case Studies. Methods in Pharmacology and Toxicology, 2021, , 631-660.	0.2	6
5	Evaluation of residue-residue contact prediction methods: From retrospective to prospective. PLoS Computational Biology, 2021, 17, e1009027.	3.2	19
6	An Integrated Deep Learning and Molecular Dynamics Simulation-Based Screening Pipeline Identifies Inhibitors of a New Cancer Drug Target TIPE2. Frontiers in Pharmacology, 2021, 12, 772296.	3.5	13
7	Investigating the stability of dengue virus envelope protein dimer using wellâ€tempered metadynamics simulations. Proteins: Structure, Function and Bioinformatics, 2020, 88, 643-653.	2.6	3
8	Natural Potent NAAA Inhibitor Atractylodin Counteracts LPS-Induced Microglial Activation. Frontiers in Pharmacology, 2020, 11, 577319.	3.5	4
9	Deep Learning Based Drug Screening for Novel Coronavirus 2019-nCov. Interdisciplinary Sciences, Computational Life Sciences, 2020, 12, 368-376.	3.6	127
10	On the Conformational Dynamics of Î²-Amyloid Forming Peptides: A Computational Perspective. Frontiers in Bioengineering and Biotechnology, 2020, 8, 532.	4.1	23
11	A novel virtual screening procedure identifies Pralatrexate as inhibitor of SARS-CoV-2 RdRp and it reduces viral replication in vitro. PLoS Computational Biology, 2020, 16, e1008489.	3.2	42
12	Identifying Native and Non-native Membrane Protein Loops by Using Stabilizing Energetic Terms of Three Popular Force Fields. Current Chinese Science, 2020, 1, 14-21.	0.5	2
13	DeepBindPoc: a deep learning method to rank ligand binding pockets using molecular vector representation. PeerJ, 2020, 8, e8864.	2.0	11
14	Title is missing!. , 2020, 16, e1008489.		0
15	Title is missing!. , 2020, 16, e1008489.		0
16	Title is missing!. , 2020, 16, e1008489.		0
17	Title is missing!. , 2020, 16, e1008489.		0
18	Large-Scale Target Identification of Herbal Medicine Using a Reverse Docking Approach. ACS Omega, 2019, 4, 9710-9719.	3.5	16

#	Article	IF	Citations
19	IVS2vec: A tool of Inverse Virtual Screening based on word2vec and deep learning techniques. Methods, 2019, 166, 57-65.	3.8	30
20	DeepBindRG: a deep learning based method for estimating effective proteinâ€“ligand affinity. PeerJ, 2019, 7, e7362.	2.0	68
21	Wealth inequality and financial development: revisiting the symmetry breaking mechanism. Economic Theory, 2017, 63, 997-1025.	0.9	6
22	International Capital Flows in the Model with Limited Commitment and Incomplete Markets. Open Economies Review, 2014, 25, 195-224.	1.6	3
23	Financial development, international capital flows, and aggregate output. Journal of Development Economics, 2014, 106, 66-77.	4.5	29
24	Financial frictions, capital reallocation, and aggregate fluctuations. Journal of Economic Dynamics and Control, 2008, 32, 978-999.	1.6	6
25	A Welfare Analysis of Capital Account Liberalization*. Review of International Economics, 2008, 16, 576-590.	1.3	3
26	Financial Liberalization in a Small Open Economy. Open Economies Review, 2006, 17, 373-398.	1.6	3
27	Generating and screening de novo compounds against given targets using ultrafast deep learning models as core components. Briefings in Bioinformatics, 0, , .	6.5	5
28	An Efficient Modern Strategy to Screen Drug Candidates Targeting RdRp of SARS-CoV-2 With Potentially High Selectivity and Specificity. Frontiers in Chemistry, 0, 10, .	3.6	7