Chuan Li

List of Publications by Year
in descending order

23 papers	157 citations	1307594 7 h-index	1281871 11 g-index
23 all docs	23 docs citations	23 times ranked	194 citing authors

#	Article	IF	Citations
1	An Interpretable Convolutional Neural Network Framework for Analyzing Molecular Dynamics Trajectories: a Case Study on Functional States for G-Protein-Coupled Receptors. Journal of Chemical Information and Modeling, 2022, 62, 1399-1410.	5.4	11
2	Uncovering the prognostic gene signatures for the improvement of risk stratification in cancers by using deep learning algorithm coupled with wavelet transform. BMC Bioinformatics, 2020, 21, 195.	2.6	4
3	A Novel Detector Based on Convolution Neural Networks for Multiscale SAR Ship Detection in Complex Background. Sensors, 2020, 20, 2547.	3.8	36
4	A Novel Convolutional Neural Network Architecture for SAR Target Recognition. Journal of Sensors, 2019, 2019, 1-9.	1.1	19
5	Comparative Analysis for the Performance of Variant Calling Pipelines on Detecting the de novo Mutations in Humans. Frontiers in Pharmacology, 2019, 10, 358.	3.5	12
6	Probing the Druggablility on the Interface of the Protein–Protein Interaction and Its Allosteric Regulation Mechanism on the Drug Screening for the CXCR4 Homodimer. Frontiers in Pharmacology, 2019, 10, 1310.	3.5	5
7	Use multiscale simulation to explore the effects of the homodimerizations between different conformation states on the activation and allosteric pathway for the μ-opioid receptor. Physical Chemistry Chemical Physics, 2018, 20, 13485-13496.	2.8	16
8	Shining Light on Molecular Mechanism for Odor-selectivity of CNT-immobilized Olfactory Receptor. Scientific Reports, 2018, 8, 7824.	3.3	9
9	Structural Features and Ligand Selectivity for 10 Intermediates in the Activation Process of β_2-Adrenergic Receptor. ACS Omega, 2017, 2, 8557-8567.	3.5	7
10	An Effective Measurement Scheme of Node Influence in Aviation Network. , 2015, , .		0
11	Distributed indexes design to accelerate similarity based images retrieval in airport video monitoring systems. , 2015, , .		3
12	An MDL approach to efficiently discover communities in bipartite network. Journal of Central South University, 2014, 21, 1353-1367.	3.0	3
13	DI-GEP: A New Lifetime Extending Algorithm for Target Tracking in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2012, 8, 467497.	2.2	1
14	Detecting self-conflicts for business action rules. , 2011, , .		0
15	An Energy-Efficient Tracking Algorithm Based on Gene Expression Programming in Wireless Sensor Networks. , 2009, , .		4
16	MovStream: An efficient algorithm for monitoring clusters evolving in data streams. , 2008, , .		5
17	GEP-NFM: Nested Function Mining Based on Gene Expression Programming. , 2008, , .		3
18	HDN-GEP: A Novel Gene Expression Programming with High Density Node. , 2008, , .		2

#	Article	IF	Citations
19	Multi-population Parallel Genetic Algorithm for Economic Statistical Information Mining Based on Gene Expression Programming. , 2007, , .		1
20	An Attribute-Oriented Ensemble Classifier Based on Niche Gene Expression Programming. , 2007, , .		2
21	Improving Selection Methods for Evolutionary Algorithms by Clustering. , 2007, , .		1
22	Clustering Without Prior Knowledge Based on Gene Expression Programming. , 2007, , .		12
23	Construct Distributed RFID Data Warehouse Based On Concept Hierarchy. , 2007, , .		1