

Jiadong Ren

List of Publications by Year in descending order

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33
papers

706
citations

759233

12
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35
all docs

35
docs citations

35
times ranked

608
citing authors

#	ARTICLE	IF	CITATIONS
1	PM2.5 concentration forecasting at surface monitoring sites using GRU neural network based on empirical mode decomposition. <i>Science of the Total Environment</i> , 2021, 768, 144516.	8.0	138
2	Mining sequential patterns with periodic wildcard gaps. <i>Applied Intelligence</i> , 2014, 41, 99-116.	5.3	111
3	DMP_MI: An Effective Diabetes Mellitus Classification Algorithm on Imbalanced Data With Missing Values. <i>IEEE Access</i> , 2019, 7, 102232-102238.	4.2	68
4	Building an Effective Intrusion Detection System by Using Hybrid Data Optimization Based on Machine Learning Algorithms. <i>Security and Communication Networks</i> , 2019, 2019, 1-11.	1.5	59
5	An Empirical Study on Predicting Blood Pressure Using Classification and Regression Trees. <i>IEEE Access</i> , 2018, 6, 21758-21768.	4.2	53
6	A Novel Multimodal-Sequential Approach Based on Multi-View Features for Network Intrusion Detection. <i>IEEE Access</i> , 2019, 7, 183207-183221.	4.2	43
7	Network Intrusion Detection Method Based on PCA and Bayes Algorithm. <i>Security and Communication Networks</i> , 2018, 2018, 1-11.	1.5	31
8	Regional Spatiotemporal Collaborative Prediction Model for Air Quality. <i>IEEE Access</i> , 2019, 7, 134903-134919.	4.2	31
9	Low-rate DDoS attacks detection method using data compression and behavior divergence measurement. <i>Computers and Security</i> , 2021, 100, 102107.	6.0	29
10	A Novel Implicit Trust Recommendation Approach for Rating Prediction. <i>IEEE Access</i> , 2020, 8, 98305-98315.	4.2	18
11	Social recommendation model based on user interaction in complex social networks. <i>PLoS ONE</i> , 2019, 14, e0218957.	2.5	17
12	Enhancing Spectrum-Based Fault Localization Using Fault Influence Propagation. <i>IEEE Access</i> , 2020, 8, 18497-18513.	4.2	14
13	Mining frequent biological sequences based on bitmap without candidate sequence generation. <i>Computers in Biology and Medicine</i> , 2016, 69, 152-157.	7.0	12
14	Ensemble MultiBoost Based on RIPPER Classifier for Prediction of Imbalanced Software Defect Data. <i>IEEE Access</i> , 2019, 7, 110333-110343.	4.2	12
15	Near-surface PM2.5 prediction combining the complex network characterization and graph convolution neural network. <i>Neural Computing and Applications</i> , 2021, 33, 17081-17101.	5.6	12
16	An automatic algorithm for software vulnerability classification based on CNN and GRU. <i>Multimedia Tools and Applications</i> , 2022, 81, 7103-7124.	3.9	9
17	The optimal community detection of software based on complex networks. <i>International Journal of Modern Physics C</i> , 2016, 27, 1650085.	1.7	8
18	A Novel Learning Model Based on Trust Diffusion and Global Item for Recommender Systems. <i>IEEE Access</i> , 2019, 7, 170270-170281.	4.2	8

#	ARTICLE	IF	CITATIONS
19	Efficiency and Effectiveness of Web Application Vulnerability Detection Approaches: A Review. ACM Computing Surveys, 2022, 54, 1-35.	23.0	8
20	New Families of Binary Sequence Pairs with Three-Level Correlation and Odd Composite Length. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2016, E99.A, 874-879.	0.3	4
21	Approach to mine influential functions based on software execution sequence. IET Software, 2017, 11, 48-54.	2.1	4
22	Approach to Mine the Modularity of Software Network Based on the Most Vital Nodes. IEEE Access, 2018, 6, 32543-32553.	4.2	3
23	Mining of Probabilistic Controlling Behavior Model From Dynamic Software Execution Trace. IEEE Access, 2019, 7, 79602-79616.	4.2	3
24	Stability analysis and optimal control of a rumor propagation model based on two communication modes: friends and marketing account pushing. Mathematical Biosciences and Engineering, 2022, 19, 4407-4428.	1.9	3
25	Perfect Gaussian Integer Sequences of Degree-4 Using Difference Sets. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2016, E99.A, 2604-2608.	0.3	2
26	A node influence ranking algorithm based on probability walking model. International Journal of Modern Physics B, 2019, 33, 1950132.	2.0	2
27	Mining dynamic noteworthy functions in software execution sequences. PLoS ONE, 2017, 12, e0173244.	2.5	1
28	MpBsmi: A new algorithm for the recognition of continuous biological sequence pattern based on index structure. PLoS ONE, 2018, 13, e0195601.	2.5	1
29	Mining Key Stations by Constructing the Air Quality Spatial-Temporal Propagation Network. IEEE Access, 2020, 8, 97485-97502.	4.2	1
30	All-Packets-Based Multi-Rate DDoS Attack Detection Method in ISP Layer. Security and Communication Networks, 2022, 2022, 1-18.	1.5	1
31	Find Recent Frequent Items with Sliding Windows in Data Streams. , 2007, , .		0
32	The Constructions of Mismatched Filtering of Periodic Quadriphase Sequences with Even Length. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2016, E99.A, 1735-1739.	0.3	0
33	Maximize Expected Profits by Dynamic After-Sales Service Investment Strategy Based on Word-of-Mouth Marketing in Social Network Shopping. Complexity, 2021, 2021, 1-15.	1.6	0