

Xiaoping Fan

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

501
citations

840119

11
h-index

794141

19
g-index

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all docs

60
docs citations

60
times ranked

404
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning-Based Picture-Wise Just Noticeable Distortion Prediction Model for Image Compression. IEEE Transactions on Image Processing, 2020, 29, 641-656.	6.0	68
2	SIRVD-DL: A COVID-19 deep learning prediction model based on time-dependent SIRVD. Computers in Biology and Medicine, 2021, 138, 104868.	3.9	41
3	Exploring the Characteristics of Issue-Related Behaviors in GitHub Using Visualization Techniques. IEEE Access, 2018, 6, 24003-24015.	2.6	39
4	IDS Radar: a real-time visualization framework for IDS alerts. Science China Information Sciences, 2013, 56, 1-12.	2.7	28
5	MVSec: multi-perspective and deductive visual analytics on heterogeneous network security data. Journal of Visualization, 2014, 17, 181-196.	1.1	27
6	Optimal path planning for mobile robots based on intensified ant colony optimization algorithm. , 0, , .		25
7	An Improved Particle Swarm Optimization with Mutation Based on Similarity. , 2007, , .		20
8	Deep Learning Based Just Noticeable Difference and Perceptual Quality Prediction Models for Compressed Video. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1197-1212.	5.6	20
9	The Analysis and Improvement of Binary Particle Swarm Optimization. , 2009, , .		17
10	A Visual Analytics Approach for Detecting and Understanding Anomalous Resident Behaviors in Smart Healthcare. Applied Sciences (Switzerland), 2017, 7, 254.	1.3	17
11	Image Segmentation based on Tsallis-entropy and Renyi-entropy and Their Comparison. , 2006, , .		16
12	Multiple Wavelet Convolutional Neural Network for Short-Term Load Forecasting. IEEE Internet of Things Journal, 2021, 8, 9730-9739.	5.5	16
13	Distributed extended kalman filter based on consensus filter for wireless sensor network. , 2012, , .		15
14	Empirical Research on the Evaluation Model and Method of Sustainability of the Open Source Ecosystem. Symmetry, 2018, 10, 747.	1.1	15
15	Core-reviewer recommendation based on Pull Request topic model and collaborator social network. Soft Computing, 2020, 24, 5683-5693.	2.1	14
16	Short-term load forecasting with dense average network. Expert Systems With Applications, 2021, 186, 115748.	4.4	12
17	An Oil Painters Recognition Method Based on Cluster Multiple Kernel Learning Algorithm. IEEE Access, 2019, 7, 26842-26854.	2.6	10
18	Local Core Members Aided Community Structure Detection. Mobile Networks and Applications, 2019, 24, 1373-1381.	2.2	10

#	ARTICLE	IF	CITATIONS
19	VOC-DL: Deep learning prediction model for COVID-19 based on VOC virus variants. Computer Methods and Programs in Biomedicine, 2022, 224, 106981.	2.6	10
20	Recursive integral proportionalâ€“integral control based on membership cloud for active power filter. IET Power Electronics, 2014, 7, 2870-2876.	1.5	8
21	Orthogonalâ€“Gradient Measurement Matrix Construction Algorithm. Chinese Journal of Electronics, 2016, 25, 81-87.	0.7	7
22	Topic-Based Integrator Matching for Pull Request. , 2017, , .		7
23	A New Interestingness Measure of Association Rules. , 2008, , .		6
24	Improved Arabicâ€“Chinese Machine Translation with Linguistic Input Features. Future Internet, 2019, 11, 22.	2.4	6
25	Integrated Optimization of Trajectory Planning for Robot Manipulators Based on Intensified Evolutionary Programming. , 0, , .		5
26	A new scheme for evaluating energy efficiency of data compression in wireless sensor networks. International Journal of Distributed Sensor Networks, 2018, 14, 155014771877692.	1.3	4
27	A Data-Driven Game Theoretic Strategy for Developers in Software Crowdsourcing: A Case Study. Applied Sciences (Switzerland), 2019, 9, 721.	1.3	4
28	A benchmark for visual analysis of insider threat detection. Science China Information Sciences, 2022, 65, 1.	2.7	4
29	Scheme for high power supply efficiency of WSN node. , 2009, , .		3
30	Fault-tolerant data aggregating using median filtering in cluster-based homogeneous WSN. , 2012, , .		3
31	Improved average consensus scalable algorithm of target tracking for wireless sensor network. , 2012, , .		3
32	On Evaluation Criterion of Image Super-Resolution Reconstruction. , 2007, , .		2
33	The Thresholding Methods Based on Two-Dimensional Non-extensive Entropy. , 2008, , .		2
34	Research on Optimized Combined Cosine Windows with Maximum Side Lobe Decay for Harmonic Analysis. , 2009, , .		2
35	Pseudo-median filter with enhancing impulse suppression. , 2010, , .		2
36	A control strategy for suppressing harmonics and circulation in islanded microgrid. , 2017, , .		2

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37	A Distributed Formation Control Scheme with Obstacle Avoidance for Multiagent Systems. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-16.	0.6	2
38	Detecting the Structural Hole for Social Communities Based on Conductanceâ€“Degree. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4525.	1.3	2
39	How to Evaluate the Productivity of Software Ecosystem: A Case Study in GitHub. <i>Scientific Programming</i> , 2020, 2020, 1-13.	0.5	2
40	Novel integrated optimization algorithm for trajectory planning of robot manipulators based on integrated evolutionary programming. <i>Journal of Control Theory and Applications</i> , 2004, 2, 319-331.	0.8	1
41	An Intensified Ant Colony System Algorithm Applied to a Class of Air Vehicle Route Planning Problem. , 2006, , .		1
42	A Data-Based Approach for Sensor Fault Detection and Diagnosis of Electro-Pneumatic Brake. , 2019, , .		1
43	Adaptive spatial scale person reidentification. <i>Journal of Electronic Imaging</i> , 2021, 30, .	0.5	1
44	Multi-Level Fusion Temporalâ€“Spatial Co-Attention for Video-Based Person Re-Identification. <i>Entropy</i> , 2021, 23, 1686.	1.1	1
45	Research on Auto-Fluorescence Spectrogram for Colorectal Carcinoma with Data Mining. , 2007, , .		0
46	Optimal Iterative Learning Controls for the Partial Non-Regular Systems Using Lifting Technique. <i>Control Applications (CCA), Proceedings of the IEEE International Conference on</i> , 2007, , .	0.0	0
47	Clustering Auto-Fluorescence Spectrogram Data for Colorectal Carcinoma. , 2008, , .		0
48	Improve template parameter estimation for pseudo-periodic signal processing and application. , 2008, , .		0
49	A Clustering Algorithm for Mixed Data Based on Lattice Theory. , 2008, , .		0
50	Mutual Information of High Area Scale Space Images. , 2008, , .		0
51	Mobile robot simultaneous localization and mapping based on particle filtering with fixed-lag sampling. , 2008, , .		0
52	Performance index based learning controls for the partial non-regular systems using lifting technique. <i>Journal of Control Theory and Applications</i> , 2009, 7, 197-201.	0.8	0
53	Subspace identification of countercurrent rare earth extraction process based on nonlinear state-space models. , 2010, , .		0
54	Identification of countercurrent rare earth extraction process based on nonlinear state-space models. , 2010, , .		0

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55	Research on Geometry Modeling for Biomedical Simulation. , 2012, , .		0
56	Nonlinear Target Tracking Schedule Based on Dynamic Consensus for WSN. , 2012, , .		0
57	Nonlinear control and synchronization of a class of nonlinear coupled dynamical systems. Journal of Control Theory and Applications, 2013, 11, 623-628.	0.8	0
58	High-dimensional real parameter clonal selection memory algorithm. , 2016, , .		0
59	A Constrained Coordination Control Strategy for Multi-Agent Systems. , 2018, , .		0
60	Multi-Level Fusion Model for Person Re-Identification by Attribute Awareness. Algorithms, 2022, 15, 120.	1.2	0