Xiaoping Fan

List of Publications by Year
in descending order

60 papers	501 citations	840119 11 h-index	794141 19 g-index
60 all docs	60 docs citations	60 times ranked	404 citing authors

#	Article	IF	Citations
1	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
2	A benchmark for visual analysis of insider threat detection. Science China Information Sciences, 2022, 65, 1.	2.7	4
3	Multi-Level Fusion Model for Person Re-Identification by Attribute Awareness. Algorithms, 2022, 15, 120.	1.2	0
4	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
5	Multiple Wavelet Convolutional Neural Network for Short-Term Load Forecasting. IEEE Internet of Things Journal, 2021, 8, 9730-9739.	5.5	16
6	Adaptive spatial scale person reidentification. Journal of Electronic Imaging, 2021, 30, .	0.5	1
7	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
8	Short-term load forecasting with dense average network. Expert Systems With Applications, 2021, 186, 115748.	4.4	12
9	Multi-Level Fusion Temporalâ€"Spatial Co-Attention for Video-Based Person Re-Identification. Entropy, 2021, 23, 1686.	1.1	1
10	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
11	Core-reviewer recommendation based on Pull Request topic model and collaborator social network. Soft Computing, 2020, 24, 5683-5693.	2.1	14
12	Detecting the Structural Hole for Social Communities Based on Conductanceâ€"Degree. Applied Sciences (Switzerland), 2020, 10, 4525.	1.3	2
13	How to Evaluate the Productivity of Software Ecosystem: A Case Study in GitHub. Scientific Programming, 2020, 2020, 1-13.	0.5	2
14	A Distributed Formation Control Scheme with Obstacle Avoidance for Multiagent Systems. Mathematical Problems in Engineering, 2019, 2019, 1-16.	0.6	2
15	Improved Arabicâ€"Chinese Machine Translation with Linguistic Input Features. Future Internet, 2019, 11, 22.	2.4	6
16	An Oil Painters Recognition Method Based on Cluster Multiple Kernel Learning Algorithm. IEEE Access, 2019, 7, 26842-26854.	2.6	10
17	A Data-Driven Game Theoretic Strategy for Developers in Software Crowdsourcing: A Case Study. Applied Sciences (Switzerland), 2019, 9, 721.	1.3	4
18	A Data-Based Approach for Sensor Fault Detection and Diagnosis of Electro-Pneumatic Brake. , 2019, , .		1

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19	Local Core Members Aided Community Structure Detection. Mobile Networks and Applications, 2019, 24, 1373-1381.	2.2	10
20	Exploring the Characteristics of Issue-Related Behaviors in GitHub Using Visualization Techniques. IEEE Access, 2018, 6, 24003-24015.	2.6	39
21	Empirical Research on the Evaluation Model and Method of Sustainability of the Open Source Ecosystem. Symmetry, 2018, 10, 747.	1.1	15
22	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
23	A Constrained Coordination Control Strategy for Multi-Agent Systems. , 2018, , .		0
24	A control strategy for suppressing harmonics and circulation in islanded microgrid. , 2017, , .		2
25	Topic-Based Integrator Matching for Pull Request. , 2017, , .		7
26	A Visual Analytics Approach for Detecting and Understanding Anomalous Resident Behaviors in Smart Healthcare. Applied Sciences (Switzerland), 2017, 7, 254.	1.3	17
27	Orthogonalâ€Gradient Measurement Matrix Construction Algorithm. Chinese Journal of Electronics, 2016, 25, 81-87.	0.7	7
28	High-dimensional real parameter clonal selection memory algorithm. , 2016, , .		0
29	Recursive integral proportionalâ€"integral control based on membership cloud for active power filter. IET Power Electronics, 2014, 7, 2870-2876.	1.5	8
30	MVSec: multi-perspective and deductive visual analytics on heterogeneous network security data. Journal of Visualization, 2014, 17, 181-196.	1.1	27
31	IDSRadar: a real-time visualization framework for IDS alerts. Science China Information Sciences, 2013, 56, 1-12.	2.7	28
32	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
33	Fault-tolerant data aggregating using median filtering in cluster-based homogeneous WSN. , 2012, , .		3
34	Improved average consensus scalable algorithm of target tracking for wireless sensor network. , 2012, , .		3
35	Distributed extended kalman filter based on consensus filter for wireless sensor network. , 2012, , .		15
36	Research on Geometry Modeling for Biomedical Simulation. , 2012, , .		0

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37	Nonlinear Target Tracking Schedule Based on Dynamic Consensus for WSN. , 2012, , .		0
38	Subspace identification of countercurrent rare earth extraction process based on nonlinear state-space models. , 2010, , .		0
39	Identification of countercurrent rare earth extraction process based on nonlinear state-space models. , 2010, , .		0
40	Pseudo-median filter with enhancing impulse suppression. , 2010, , .		2
41	Scheme for high power supply efficiency of WSN node. , 2009, , .		3
42	Research on Optimized Combined Cosine Windows with Maximum Side Lobe Decay for Harmonic Analysis. , 2009, , .		2
43	Performance index based learning controls for the partial non-regular systems using lifting technique. Journal of Control Theory and Applications, 2009, 7, 197-201.	0.8	0
44	The Analysis and Improvement of Binary Particle Swarm Optimization. , 2009, , .		17
45	A New Interestingness Measure of Association Rules. , 2008, , .		6
46	Clustering Auto-Fluorescence Spectrogram Data for Colorectal Carcinoma. , 2008, , .		0
47	Improve template parameter estimation for pseudo-periodic signal processing and application. , 2008, , .		0
48	A Clustering Algorithm for Mixed Data Based on Lattice Theory. , 2008, , .		0
49	Mutual Information of High Area Scale Space Images. , 2008, , .		0
50	The Thresholding Methods Based on Two-Dimensional Non-extensive Entropy. , 2008, , .		2
51	Mobile robot simultaneous localization and mapping based on particle filtering with fixed-lag sampling. , 2008, , .		0
52	An Improved Particle Swarm Optimization with Mutation Based on Similarity. , 2007, , .		20
53	On Evaluation Criterion of Image Super-Resolution Reconstruction. , 2007, , .		2
54	Research on Auto-Fluorescence Spectrogram for Colorectal Carcinoma with Data Mining. , 2007, , .		0

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55	Optimal Iterative Learning Controls for the Partial Non-Regular Systems Using Lifting Technique. Control Applications (CCA), Proceedings of the IEEE International Conference on, 2007, , .	0.0	0
56	Image Segmentation based on Tsallis-entropy and Renyi-entropy and Their Comparison. , 2006, , .		16
57	An Intensified Ant Colony System Algorithm Applied to a Class of Air Vehicle Route Planning Problem. , 2006, , .		1
58	Novel integrated optimization algorithm for trajectory planning of robot manipulators based on integrated evolutionary programming. Journal of Control Theory and Applications, 2004, 2, 319-331.	0.8	1
59	Optimal path planning for mobile robots based on intensified ant colony optimization algorithm. , 0, , .		25
60	Integrated Optimization of Trajectory Planning for Robot Manipulators Based on Intensified Evolutionary Programming. , 0, , .		5