

Bin Jiang

List of Publications by Year in descending order

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42
papers

1,407
citations

331670

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42
all docs

42
docs citations

42
times ranked

1393
citing authors

#	ARTICLE	IF	CITATIONS
1	Visual Perception Enabled Industry Intelligence: State of the Art, Challenges and Prospects. IEEE Transactions on Industrial Informatics, 2021, 17, 2204-2219.	11.3	149
2	Big Data Driven Marine Environment Information Forecasting: A Time Series Prediction Network. IEEE Transactions on Fuzzy Systems, 2021, 29, 4-18.	9.8	117
3	Multimedia Data Throughput Maximization in Internet-of-Things System Based on Optimization of Cache-Enabled UAV. IEEE Internet of Things Journal, 2019, 6, 3525-3532.	8.7	116
4	Wearable Vision Assistance System Based on Binocular Sensors for Visually Impaired Users. IEEE Internet of Things Journal, 2019, 6, 1375-1383.	8.7	91
5	Fog-Based Marine Environmental Information Monitoring Toward Ocean of Things. IEEE Internet of Things Journal, 2020, 7, 4238-4247.	8.7	77
6	Differential Privacy for Industrial Internet of Things: Opportunities, Applications, and Challenges. IEEE Internet of Things Journal, 2021, 8, 10430-10451.	8.7	74
7	Short-term traffic flow prediction in smart multimedia system for Internet of Vehicles based on deep belief network. Future Generation Computer Systems, 2019, 93, 460-472.	7.5	66
8	No Reference Quality Assessment for Screen Content Images Using Stacked Autoencoders in Pictorial and Textual Regions. IEEE Transactions on Cybernetics, 2022, 52, 2798-2810.	9.5	52
9	A Fast Image Retrieval Method Designed for Network Big Data. IEEE Transactions on Industrial Informatics, 2017, 13, 2350-2359.	11.3	45
10	3D Panoramic Virtual Reality Video Quality Assessment Based on 3D Convolutional Neural Networks. IEEE Access, 2018, 6, 38669-38682.	4.2	45
11	Integrated Generative Model for Industrial Anomaly Detection via Bidirectional LSTM and Attention Mechanism. IEEE Transactions on Industrial Informatics, 2023, 19, 541-550.	11.3	44
12	FADN: Fully Connected Attitude Detection Network Based on Industrial Video. IEEE Transactions on Industrial Informatics, 2021, 17, 2011-2020.	11.3	40
13	No Reference Quality Assessment of Stereo Video Based on Saliency and Sparsity. IEEE Transactions on Broadcasting, 2018, 64, 341-353.	3.2	37
14	Internet cross-media retrieval based on deep learning. Journal of Visual Communication and Image Representation, 2017, 48, 356-366.	2.8	34
15	Predicting Stereoscopic Image Quality via Stacked Auto-Encoders Based on Stereopsis Formation. IEEE Transactions on Multimedia, 2019, 21, 1750-1761.	7.2	33
16	Big data-driven machine learning-enabled traffic flow prediction. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3482.	3.9	32
17	A Deep Evaluator for Image Retargeting Quality by Geometrical and Contextual Interaction. IEEE Transactions on Cybernetics, 2020, 50, 87-99.	9.5	29
18	Aircraft detection in remote sensing images based on a deep residual network and Super-Vector coding. Remote Sensing Letters, 2018, 9, 228-236.	1.4	28

#	ARTICLE	IF	CITATIONS
19	Cyber-Physical Security Design in Multimedia Data Cache Resource Allocation for Industrial Networks. IEEE Transactions on Industrial Informatics, 2019, 15, 6472-6480.	11.3	24
20	No-Reference Quality Assessment for Screen Content Images Using Visual Edge Model and AdaBoosting Neural Network. IEEE Transactions on Image Processing, 2021, 30, 6801-6814.	9.8	23
21	Marine surveying and mapping system based on Cloud Computing and Internet of Things. Future Generation Computer Systems, 2018, 85, 39-50.	7.5	21
22	A distributed image-retrieval method in multi-camera system of smart city based on cloud computing. Future Generation Computer Systems, 2018, 81, 244-251.	7.5	21
23	Panoramic Video Quality Assessment Based on Non-Local Spherical CNN. IEEE Transactions on Multimedia, 2021, 23, 797-809.	7.2	20
24	No reference quality evaluation for screen content images considering texture feature based on sparse representation. Signal Processing, 2018, 153, 336-347.	3.7	18
25	Joint Optimization in Cached-Enabled Heterogeneous Network for Efficient Industrial IoT. IEEE Journal on Selected Areas in Communications, 2020, 38, 831-844.	14.0	18
26	No-Reference Quality Evaluation of Stereoscopic Video Based on Spatio-Temporal Texture. IEEE Transactions on Multimedia, 2020, 22, 2635-2644.	7.2	17
27	Privacy-Preserving Federated Learning for Industrial Edge Computing via Hybrid Differential Privacy and Adaptive Compression. IEEE Transactions on Industrial Informatics, 2023, 19, 1136-1144.	11.3	17
28	A real-time image dehazing method considering dark channel and statistics features. Journal of Real-Time Image Processing, 2017, 13, 479-490.	3.5	16
29	Marine depth mapping algorithm based on the edge computing in Internet of things. Journal of Parallel and Distributed Computing, 2018, 114, 95-103.	4.1	14
30	Robust Six Degrees of Freedom Estimation for IIoT Based on Multibranch Network. IEEE Transactions on Industrial Informatics, 2021, 17, 2767-2775.	11.3	14
31	No-Reference Stereoimage Quality Assessment for Multimedia Analysis Towards Internet-of-Things. IEEE Access, 2018, 6, 7631-7640.	4.2	12
32	Quality assessment for virtual reality technology based on real scene. Neural Computing and Applications, 2018, 29, 1199-1208.	5.6	12
33	Aircraft tracking based on fully conventional network and Kalman filter. IET Image Processing, 2019, 13, 1259-1265.	2.5	11
34	No-Reference Quality Assessment of Stereoscopic Videos With Inter-Frame Cross on a Content-Rich Database. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3608-3623.	8.3	10
35	Trajectory Optimization for Drone Logistics Delivery via Attention-Based Pointer Network. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 4519-4531.	8.0	10
36	Protecting Privacy From Aerial photography: State of the Art, Opportunities, and Challenges. , 2020, , .		7

#	ARTICLE	IF	CITATIONS
37	Sparse representation based stereoscopic image quality assessment accounting for perceptual cognitive process. Information Sciences, 2018, 430-431, 1-16.	6.9	6
38	Blind image quality assessment utilising local mean eigenvalues. Electronics Letters, 2018, 54, 754-756.	1.0	5
39	Data Resolution Improvement for Ocean of Things Based on Improved FCM. , 2020, , .		2
40	Rotating coded aperture for depth from defocus. , 2016, , .		0
41	Oceanic Data Processing System Based on Multi-sensor Interaction through Internet of Things. , 2018, , .		0
42	Corrections to "No-Reference Stereoimage Quality Assessment for Multimedia Analysis Towards Internet-of-Things". IEEE Access, 2020, 8, 127883-127883.	4.2	0