Bin Jiang

List of Publications by Year
in descending order

42 papers	1,407 citations	331670 21 h-index	330143 37 g-index
42 all docs	42 docs citations	42 times ranked	1393 citing authors

#	Article	IF	Citations
1	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
2	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
3	Trajectory Optimization for Drone Logistics Delivery via Attention-Based Pointer Network. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 4519-4531.	8.0	10
4	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
5	Robust Six Degrees of Freedom Estimation for IIoT Based on Multibranch Network. IEEE Transactions on Industrial Informatics, 2021, 17, 2767-2775.	11.3	14
6	FADN: Fully Connected Attitude Detection Network Based on Industrial Video. IEEE Transactions on Industrial Informatics, 2021, 17, 2011-2020.	11.3	40
7	Visual Perception Enabled Industry Intelligence: State of the Art, Challenges and Prospects. IEEE Transactions on Industrial Informatics, 2021, 17, 2204-2219.	11.3	149
8	Big Data Driven Marine Environment Information Forecasting: A Time Series Prediction Network. IEEE Transactions on Fuzzy Systems, 2021, 29, 4-18.	9.8	117
9	Panoramic Video Quality Assessment Based on Non-Local Spherical CNN. IEEE Transactions on Multimedia, 2021, 23, 797-809.	7.2	20
10	Differential Privacy for Industrial Internet of Things: Opportunities, Applications, and Challenges. IEEE Internet of Things Journal, 2021, 8, 10430-10451.	8.7	74
11	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
12	A Deep Evaluator for Image Retargeting Quality by Geometrical and Contextual Interaction. IEEE Transactions on Cybernetics, 2020, 50, 87-99.	9.5	29
13	Fog-Based Marine Environmental Information Monitoring Toward Ocean of Things. IEEE Internet of Things Journal, 2020, 7, 4238-4247.	8.7	77
14	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
15	Corrections to â€œNo-Reference Stereoimage Quality Assessment for Multimedia Analysis Towards Internet-of-Thingsâ€. IEEE Access, 2020, 8, 127883-127883.	4.2	0
16	Protecting Privacy From Aerial photography: State of the Art, Opportunities, and Challenges. , 2020, , .		7
17	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
18	No-Reference Quality Evaluation of Stereoscopic Video Based on Spatio-Temporal Texture. IEEE Transactions on Multimedia, 2020, 22, 2635-2644.	7.2	17

#	ARTICLE	IF	CITATIONS
19	Data Resolution Improvement for Ocean of Things Based on Improved FCM. , 2020, , .		2
20	Wearable Vision Assistance System Based on Binocular Sensors for Visually Impaired Users. IEEE Internet of Things Journal, 2019, 6, 1375-1383.	8.7	91
21	Big data‑driven machine learning‑enabled traffic flow prediction. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3482.	3.9	32
22	Aircraft tracking based on fully conventional network and Kalman filter. IET Image Processing, 2019, 13, 1259-1265.	2.5	11
23	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
24	Predicting Stereoscopic Image Quality via Stacked Auto-Encoders Based on Stereopsis Formation. IEEE Transactions on Multimedia, 2019, 21, 1750-1761.	7.2	33
25	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
26	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
27	No-Reference Stereoimage Quality Assessment for Multimedia Analysis Towards Internet-of-Things. IEEE Access, 2018, 6, 7631-7640.	4.2	12
28	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
29	Marine surveying and mapping system based on Cloud Computing and Internet of Things. Future Generation Computer Systems, 2018, 85, 39-50.	7.5	21
30	No Reference Quality Assessment of Stereo Video Based on Saliency and Sparsity. IEEE Transactions on Broadcasting, 2018, 64, 341-353.	3.2	37
31	Quality assessment for virtual reality technology based on real scene. Neural Computing and Applications, 2018, 29, 1199-1208.	5.6	12
32	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
33	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
34	Sparse representation based stereoscopic image quality assessment accounting for perceptual cognitive process. Information Sciences, 2018, 430-431, 1-16.	6.9	6
35	Oceanic Data Processing System Based on Multi-sensor Interaction through Internet of Things. , 2018, , .		0
36	No reference quality evaluation for screen content images considering texture feature based on sparse representation. Signal Processing, 2018, 153, 336-347.	3.7	18

#	Article	IF	Citations
37	3D Panoramic Virtual Reality Video Quality Assessment Based on 3D Convolutional Neural Networks. IEEE Access, 2018, 6, 38669-38682.	4.2	45
38	Blind image quality assessment utilising local mean eigenvalues. Electronics Letters, 2018, 54, 754-756.	1.0	5
39	A Fast Image Retrieval Method Designed for Network Big Data. IEEE Transactions on Industrial Informatics, 2017, 13, 2350-2359.	11.3	45
40	Internet cross-media retrieval based on deep learning. Journal of Visual Communication and Image Representation, 2017, 48, 356-366.	2.8	34
41	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
42	Rotating coded aperture for depth from defocus. , 2016, , .		0