Qi Zhao

List of Publications by Year
in descending order

36	215	1163117	1058476
papers	citations	8	14
		h-index	g-index

36	36	36	291
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Semantic Segmentation With Attention Mechanism for Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	26
2	Embedded Self-Distillation in Compact Multibranch Ensemble Network for Remote Sensing Scene Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	13
3	Limited text speech synthesis with electroglottograph based on Bi-LSTM and modified Tacotron-2. Applied Intelligence, 2022, 52, 15193-15209.	5.3	10
4	Electroglottograph-Based Speech Emotion Recognition via Cross-Modal Distillation. Applied Sciences (Switzerland), 2022, 12, 4338.	2.5	4
5	Cooperative Admission Control with Network Coding in 5G Underlying D2D-Satellite Communication. Electronics (Switzerland), 2020, 9, 1601.	3.1	0
6	Long-term real time object tracking based on multi-scale local correlation filtering and global re-detection. Computing (Vienna/New York), 2020, 102, 1487-1501.	4.8	5
7	Interpretable Relative Squeezing bottleneck design for compact convolutional neural networks model. Image and Vision Computing, 2019, 89, 276-288.	4.5	10
8	Diagnosing Strong-fault Models with a Two-step A* Search Method. , 2019, , .		0
9	AlphaMEX: A smarter global pooling method for convolutional neural networks. Neurocomputing, 2018, 321, 36-48.	5.9	30
10	A CNN-SIFT Hybrid Pedestrian Navigation Method Based on First-Person Vision. Remote Sensing, 2018, 10, 1229.	4.0	19
11	Multiactivation Pooling Method in Convolutional Neural Networks for Image Recognition. Wireless Communications and Mobile Computing, 2018, 2018, 1-15.	1.2	21
12	Diagnosing a Strong-Fault Model by Conflict and Consistency. Sensors, 2018, 18, 1016.	3.8	1
13	Improved method of step length estimation based on inverted pendulum model. International Journal of Distributed Sensor Networks, 2017, 13, 155014771770291.	2.2	16
14	Prognostics of remaining useful life for lithium-ion batteries based on a feature vector selection and relevance vector machine approach. , 2017, , .		11
15	Two Classes of Improved Quickest Spectrum Sensing Approaches in Cognitive Radio. Wireless Personal Communications, 2016, 91, 755-769.	2.7	3
16	Comparison of state estimation techniques for nonlinear hybrid systems. Simulation, 2016, 92, 357-376.	1.8	0
17	State Tracking and Fault Diagnosis for Dynamic Systems Using Labeled Uncertainty Graph. Sensors, 2015, 15, 28031-28051.	3.8	8
18	Assessing physical performance in free-living older adults with a wearable computer. , 2015, 2015, .		0

#	Article	IF	Citations
19	Estimation of heart rate from a chest-worn inertial measurement unit. , 2015, , .		11
20	SIFT-based indoor localization for older adults using wearable camera. , 2015, 2015, .		1
21	Cooperative spectrum sensing via relay-assisted random broadcast in cognitive smartphone networks. Multimedia Systems, 2015, 21, 5-13.	4.7	2
22	A new hybrid hierarchy model description method. , 2014, , .		0
23	Quickest Detection of Multi-channel Based on STFT and Compressed Sensing. Wireless Personal Communications, 2014, 77, 2183-2193.	2.7	2
24	Local Frequency Folding Method for Fast PN-Code Acquisition. IEICE Transactions on Communications, 2014, E97.B, 1072-1079.	0.7	1
25	Integration of GPS and low cost INS for pedestrian navigation aided by building layout. Chinese Journal of Aeronautics, 2013, 26, 1283-1289.	5.3	15
26	A Monte Carlo approach for approximate belief state estimation of dynamic system. , 2013, , .		0
27	Sensing-Throughput Tradeoff of Relay-Assisted Random Broadcast Based Cognitive Radio Networks. , 2013, , .		4
28	The Design and Implementation of the Front-End Software for the Telemetry and Telecontrol System of Satellite. , 2013, , .		0
29	An enhanced Vegas congestion control algorithm based on BeiDou navigation system. IEICE Communications Express, 2012, 1, 275-281.	0.4	0
30	Optimization of spectrum sensing schemes for multi-mini slots distribution. , 2011, , .		0
31	A Method of Combining HSSE-tree and Binary Label to Compute All Minimal Hitting Sets. , 2011, , .		0
32	The Design and Implementation of the Shaft Angle Acquisition System Used in the Solar Panel. , 2011, , .		1
33	Modified Log-BP decoding algorithm combined with PSO for Low-Density Parity Check Codes. , 2010, , .		0
34	Application of Lock-Free Queue in a Fast Command Relay Software. , 2009, , .		0
35	Design and Simulation of a FPGA-Based Demodulator for Low-bit Remote Subcarrier Signal. , 2009, , .		0
36	Study of the CASM application in E1 signal of GALILEO system. IEICE Electronics Express, 2009, 6, 1240-1245.	0.8	1