

Ruo-Hong Huan

List of Publications by Year in descending order

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34
papers

225
citations

1307594

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g-index

34
all docs

34
docs citations

34
times ranked

213
citing authors

#	ARTICLE	IF	CITATIONS
1	Privacy-Aware Fuzzy Range Query Processing Over Distributed Edge Devices. IEEE Transactions on Fuzzy Systems, 2022, 30, 1421-1435.	9.8	4
2	Human Complex Activity Recognition With Sensor Data Using Multiple Features. IEEE Sensors Journal, 2022, 22, 757-775.	4.7	12
3	Semantic-Direct Visual Odometry. IEEE Robotics and Automation Letters, 2022, 7, 6718-6725.	5.1	3
4	Video multimodal emotion recognition based on Bi-GRU and attention fusion. Multimedia Tools and Applications, 2021, 80, 8213-8240.	3.9	26
5	PLSAV: Parallel loop searching and verifying for loop closure detection. IET Intelligent Transport Systems, 2021, 15, 683-698.	3.0	1
6	Few-shot action recognition using task-adaptive parameters. Electronics Letters, 2021, 57, 848-850.	1.0	2
7	Utilization of Semantic Planes: Improved Localization and Dense Semantic Map for Monocular SLAM in Urban Environment. IEEE Robotics and Automation Letters, 2021, 6, 6108-6115.	5.1	4
8	Robust Heartbeat Classification for Wearable Single-Lead ECG via Extreme Gradient Boosting. Sensors, 2021, 21, 5290.	3.8	6
9	A hybrid CNN and BLSTM network for human complex activity recognition with multi-feature fusion. Multimedia Tools and Applications, 2021, 80, 36159-36182.	3.9	6
10	SAR multi-target interactive motion recognition based on convolutional neural networks. IET Image Processing, 2020, 14, 2567-2578.	2.5	4
11	Real-Time Infrastructureless Indoor Tracking for Pedestrian Using a Smartphone. IEEE Sensors Journal, 2019, 19, 10782-10795.	4.7	5
12	Human action recognition based on HOIRM feature fusion and AP clustering BOW. PLoS ONE, 2019, 14, e0219910.	2.5	7
13	Method and VLSI implementation of lossy-to-lossless LTM ECG compression framework. Electronics Letters, 2019, 55, 70-72.	1.0	1
14	Optimized Electrode Locations for Wearable Single-Lead ECG Monitoring Devices: A Case Study Using WFEEs Modules based on the LANS Method. Sensors, 2019, 19, 4458.	3.8	10
15	Gridding place recognition for fast loop closure detection on mobile platforms. Electronics Letters, 2019, 55, 931-933.	1.0	7
16	A lightweight piecewise linear synthesis method for standard 12-lead ECG signals based on adaptive region segmentation. PLoS ONE, 2018, 13, e0206170.	2.5	15
17	A Spectral-Temporal Patch-Based Missing Area Reconstruction for Time-Series Images. Remote Sensing, 2018, 10, 1560.	4.0	14
18	Anti-occlusion particle filter object tracking method based on feature fusion. IET Image Processing, 2018, 12, 1529-1540.	2.5	9

#	ARTICLE	IF	CITATIONS
19	DART: Distributed Particle Filter Algorithm with Resampling Tree for Ultimate Real-Time Capability. Journal of Signal Processing Systems, 2017, 88, 29-42.	2.1	2
20	New structure for multi-aspect SAR image target recognition with multi-level joint consideration. Multimedia Tools and Applications, 2016, 75, 7519-7540.	3.9	1
21	Standard 12-lead ECG synthesis using a GA optimized BP neural network. , 2015, , .		9
22	Real-time lossless ECG compression for low-power wearable medical devices based on adaptive region prediction. Electronics Letters, 2014, 50, 1904-1906.	1.0	34
23	Hierarchical Resampling Algorithm and Architecture for Distributed Particle Filters. Journal of Signal Processing Systems, 2013, 71, 237-246.	2.1	5
24	Cost effective hardware based demosaicking algorithm for embedded system. , 2013, , .		1
25	Particle state compression scheme for centralized memory-efficient particle filters. , 2013, , .		0
26	An on-line reconfigurable four-ary tree-based network on chip for distributed particle filters. , 2012, , .		0
27	Weight sorting based scheme and architecture for distributed particle filters. , 2012, , .		0
28	Hierarchical resampling architecture for distributed particle filters. , 2012, , .		3
29	A general communication performance evaluation model based on routing path decomposition. Journal of Zhejiang University: Science C, 2011, 12, 561-573.	0.7	2
30	Behavioral modeling of direct sampling mixer. , 2011, , .		0
31	Moving target detection under complex background based on code book. , 2011, , .		1
32	SAR image target recognition based on NMF feature extraction and Bayesian decision fusion. , 2010, , .		12
33	A three-dimension localization algorithm for wireless sensor network nodes based on SVM. , 2010, , .		15
34	SAR Target Recognition with the Fusion of LDA and ICA. , 2009, , .		4