

Hongjun Wang

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

558
citations

933447

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839539

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43
all docs

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docs citations

43
times ranked

491
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectrum interference-based two-level data augmentation method in deep learning for automatic modulation classification. <i>Neural Computing and Applications</i> , 2021, 33, 7723-7745.	5.6	137
2	Is Diaphragm Motion a Good Surrogate for Liver Tumor Motion?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 952-958.	0.8	67
3	MR-DCAE: Manifold regularization-based deep convolutional autoencoder for unauthorized broadcasting identification. <i>International Journal of Intelligent Systems</i> , 2021, 36, 7204-7238.	5.7	60
4	Fine-Grained Modulation Classification Using Multi-Scale Radio Transformer With Dual-Channel Representation. <i>IEEE Communications Letters</i> , 2022, 26, 1298-1302.	4.1	50
5	Four-Dimensional Magnetic Resonance Imaging Using Axial Body Area as Respiratory Surrogate: Initial Patient Results. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 907-912.	0.8	40
6	Room-Level Fall Detection Based on Ultra-Wideband (UWB) Monostatic Radar and Convolutional Long Short-Term Memory (LSTM). <i>Sensors</i> , 2020, 20, 1105.	3.8	38
7	RFID 3-D Indoor Localization for Tag and Tag-Free Target Based on Interference. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019, 68, 3718-3732.	4.7	30
8	Real-Time Object Tracking System on FPGAs. , 2011, , .		29
9	Registration of PET and CT images based on multiresolution gradient of mutual information demons algorithm for positioning esophageal cancer patients. <i>Journal of Applied Clinical Medical Physics</i> , 2013, 14, 50-61.	1.9	17
10	WallSense: Device-Free Indoor Localization Using Wall-Mounted UHF RFID Tags. <i>Sensors</i> , 2019, 19, 68.	3.8	15
11	Multidimensional CNN-LSTM Network for Automatic Modulation Classification. <i>Electronics (Switzerland)</i> , 2021, 10, 1649.	3.1	12
12	DBN based automatic modulation recognition for ultra-low SNR RFID signals. , 2016, , .		8
13	RFID indoor localization system for tag and tagfree target based on interference. , 2017, , .		7
14	H&inf;fusion filter design in multi-sensor fusion system with state time-delays. , 2007, , .		5
15	Indoor Navigation System Design Based on Particle Filter. , 2016, , .		5
16	Passive multiple target indoor localization based on joint interference cancellation in an RFID System. <i>Electronics (Switzerland)</i> , 2019, 8, 426.	3.1	5
17	Specific Random Trees for Random Forest. <i>IEICE Transactions on Information and Systems</i> , 2013, E96.D, 739-741.	0.7	4
18	Decentralized H&inf; fusion filter design in multi-sensor fusion system. , 2008, , .		3

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19	Evaluation of Demons- and FEM-Based Registration Algorithms for Lung Cancer. <i>Technology in Cancer Research and Treatment</i> , 2016, 15, 275-284.	1.9	3
20	Sparse Tensor-Based Dimensionality Reduction for Hyperspectral Spectralâ€“Spatial Discriminant Feature Extraction. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017, 14, 1775-1779.	3.1	3
21	Integrated Navigation Positioning Algorithm Based on Improved Kalman Filter. , 2017, , .		3
22	A High-Dimensional and Small-Sample Submersible Fault Detection Method Based on Feature Selection and Data Augmentation. <i>Sensors</i> , 2022, 22, 204.	3.8	3
23	Centralized H∞ Fusion Filter Design in Multi-Sensor Data Fusion System. , 2008, , .		2
24	Multiscale registration for noisy medical images. , 2010, , .		2
25	A new multiscale registration method for medical image. , 2010, , .		2
26	An Intelligent Non-cooperative Spectrum Sensing Method Based on Convolutional Auto-encoder (CAE). <i>Lecture Notes in Electrical Engineering</i> , 2022, , 1-9.	0.4	2
27	CBCT image denoising based on multi-scale wavelet transform. , 2010, , .		1
28	Non-rigid object reconstruction based on multiview images: A survey. , 2010, , .		1
29	Reducing motion artifacts in 4D MR images using principal component analysis (PCA) combined with linear polynomial fitting model. <i>Journal of Applied Clinical Medical Physics</i> , 2015, 16, 144-160.	1.9	1
30	An algorithm to calculate phase and amplitude of tag on RFID protocol conformance test system. , 2018, , .		1
31	An algorithm to calculate phase and amplitude of tag on RFID protocol conformance test system. , 2018, , .		1
32	High-density data transmission and scheduling method in wireless sensor networks based on Wi-Fi. <i>International Journal of Distributed Sensor Networks</i> , 2020, 16, 155014772094341.	2.2	1
33	Centralized H∞ Fusion Filter Design in Multi-sensor Nonlinear Fusion System. , 2008, , .		0
34	Multiscale deformable registration using edge preserving scale space for adaptive radiation therapy. , 2010, , .		0
35	Image denoising based on Non-Local means and multi-scale dyadic wavelet transform. , 2010, , .		0
36	Deformation estimated using a multiresolution wavelet representation for adaptive radiation therapy. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
37	Tongue verification with manifold learning. , 2011, , .		0
38	A modified optical flow based method for registration of 4D CT data of hepatocellular carcinoma patients. , 2012, , .		0
39	Image Processing Technology in the Palm Diagnosis in Traditional Chinese Medicine. , 2014, , .		0
40	Evaluation of GMI and PMI diffeomorphicâ€based demons algorithms for aligning PET and CT Images. Journal of Applied Clinical Medical Physics, 2015, 16, 18-30.	1.9	0
41	Test method for UHF RFID readers in dense environment. , 2017, , .		0
42	Cover: International Journal of Intelligent Systems, Volume 36 Issue 12 December 2021. International Journal of Intelligent Systems, 2021, 36, i.	5.7	0
43	Improved Adaptive Clutter Removal Algorithm for Indoor Localization Using IR-UWB Radar. , 2020, , .		0