

Zhiqin Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,103
citations

304602

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233338

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g-index

61
all docs

61
docs citations

61
times ranked

1427
citing authors

#	ARTICLE	IF	CITATIONS
1	X-Net: a dual encoding"decoding method in medical image segmentation. Visual Computer, 2023, 39, 2223-2233.	2.5	37
2	Structural Scheduling of Transient Control Under Energy Storage Systems by Sparse-Promoting Reinforcement Learning. IEEE Transactions on Industrial Informatics, 2022, 18, 744-756.	7.2	24
3	Convex Neural Networks Based Reinforcement Learning for Load Frequency Control under Denial of Service Attacks. Algorithms, 2022, 15, 34.	1.2	3
4	A novel sparse representation based fusion approach for multi-focus images. Expert Systems With Applications, 2022, 197, 116737.	4.4	12
5	A Long Short-Term Memory Neural Network Based Simultaneous Quantitative Analysis of Multiple Tobacco Chemical Components by Near-Infrared Hyperspectroscopy Images. Chemosensors, 2022, 10, 164.	1.8	9
6	A Novel Fast Single Image Dehazing Algorithm Based on Artificial Multiexposure Image Fusion. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-23.	2.4	113
7	Gray-Box Parsimonious Subspace Identification of Hammerstein-Type Systems. IEEE Transactions on Industrial Electronics, 2021, 68, 9941-9951.	5.2	74
8	EXAM: A Framework of Learning Extreme and Moderate Embeddings for Person Re-ID. Journal of Imaging, 2021, 7, 6.	1.7	9
9	A GAN-Based Self-Training Framework for Unsupervised Domain Adaptive Person Re-Identification. Journal of Imaging, 2021, 7, 62.	1.7	10
10	Multi-Focus Color Image Fusion Based on Quaternion Multi-Scale Singular Value Decomposition. Frontiers in Neurorobotics, 2021, 15, 695960.	1.6	3
11	Atmospheric Light Estimation Based Remote Sensing Image Dehazing. Remote Sensing, 2021, 13, 2432.	1.8	44
12	Co"teaching based pseudo label refinery for cross"domain object detection. IET Image Processing, 2021, 15, 3189-3199.	1.4	4
13	Power system structure optimization based on reinforcement learning and sparse constraints under DoS attacks in cloud environments. Simulation Modelling Practice and Theory, 2021, 110, 102272.	2.2	11
14	Remote Sensing Image Defogging Networks Based on Dual Self-Attention Boost Residual Octave Convolution. Remote Sensing, 2021, 13, 3104.	1.8	49
15	Camera style transformation with preserved self-similarity and domain-dissimilarity in unsupervised person re-identification. Journal of Visual Communication and Image Representation, 2021, 80, 103303.	1.7	18
16	A multi-scale patch-wise algorithm for multi-exposure image fusion. Optik, 2021, 248, 168120.	1.4	2
17	Multi-Focus Image Fusion Method Based on Multi-Scale Decomposition of Information Complementary. Entropy, 2021, 23, 1362.	1.1	2
18	Blockchain based consensus checking in decentralized cloud storage. Simulation Modelling Practice and Theory, 2020, 102, 101987.	2.2	34

#	ARTICLE	IF	CITATIONS
19	A residual neural network based method for the classification of tobacco cultivation regions using near-infrared spectroscopy sensors. <i>Infrared Physics and Technology</i> , 2020, 111, 103494.	1.3	20
20	A Precise Multi-Exposure Image Fusion Method Based on Low-level Features. <i>Sensors</i> , 2020, 20, 1597.	2.1	36
21	Image Dehazing by an Artificial Image Fusion Method Based on Adaptive Structure Decomposition. <i>IEEE Sensors Journal</i> , 2020, 20, 8062-8072.	2.4	127
22	Improved Deep CNN with Parameter Initialization for Data Analysis of Near-Infrared Spectroscopy Sensors. <i>Sensors</i> , 2020, 20, 874.	2.1	25
23	Single Image Defogging Method Combined with Multi-exposure Fusion Approach Based on Parameter Dynamic Selection. <i>Lecture Notes in Electrical Engineering</i> , 2020, , 466-470.	0.3	0
24	Fixed point iteration-based subspace identification of Hammerstein state-space models. <i>IET Control Theory and Applications</i> , 2019, 13, 1173-1181.	1.2	25
25	Convolutional neural network based detection and judgement of environmental obstacle in vehicle operation. <i>CAAI Transactions on Intelligence Technology</i> , 2019, 4, 80-91.	3.4	64
26	A Novel Image Fusion Framework Based on Sparse Representation and Pulse Coupled Neural Network. <i>IEEE Access</i> , 2019, 7, 98290-98305.	2.6	18
27	Prior-knowledge-based subspace identification for batch processes. <i>Journal of Process Control</i> , 2019, 82, 22-30.	1.7	13
28	A Sparse Neural Network Based Control Structure Optimization Game under DoS Attacks for DES Frequency Regulation of Power Grid. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2217.	1.3	8
29	An integrated critic-actor neural network for reinforcement learning with application of DERs control in grid frequency regulation. <i>International Journal of Electrical Power and Energy Systems</i> , 2019, 111, 286-299.	3.3	28
30	An Improved Consistent Subspace Identification Method Using Parity Space for State-space Models. <i>International Journal of Control, Automation and Systems</i> , 2019, 17, 1167-1176.	1.6	10
31	A Phase Congruency and Local Laplacian Energy Based Multi-Modality Medical Image Fusion Method in NSCT Domain. <i>IEEE Access</i> , 2019, 7, 20811-20824.	2.6	240
32	A DT-CWT-based infrared-visible image fusion method for smart city. <i>International Journal of Simulation and Process Modelling</i> , 2019, 14, 559.	0.1	4
33	Blockchain based Consensus Checking in Cloud Storage. , 2019, , .		2
34	A Novel Precise Decomposition Method for Infrared and Visible Image Fusion. , 2019, , .		4
35	A Novel Multi-exposure Image Fusion Approach Based on Parameter Dynamic Selection. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 411-419.	0.3	1
36	Online incipient fault diagnosis based on Kullback-Leibler divergence and recursive principle component analysis. <i>Canadian Journal of Chemical Engineering</i> , 2018, 96, 426-433.	0.9	19

#	ARTICLE	IF	CITATIONS
37	A novel multi-modality image fusion method based on image decomposition and sparse representation. Information Sciences, 2018, 432, 516-529.	4.0	291
38	Fault-diagnosis for reciprocating compressors using big data and machine learning. Simulation Modelling Practice and Theory, 2018, 80, 104-127.	2.2	92
39	Morphology-based visible-infrared image fusion framework for smart city. International Journal of Simulation and Process Modelling, 2018, 13, 523.	0.1	6
40	A Novel Multi-Exposure Image Fusion Method Based on Adaptive Patch Structure. Entropy, 2018, 20, 935.	1.1	23
41	An Image Fusion Method Based on Sparse Representation and Sum Modified-Laplacian in NSCT Domain. Entropy, 2018, 20, 522.	1.1	65
42	Multi-focus image fusion via morphological similarity-based dictionary construction and sparse representation. CAAI Transactions on Intelligence Technology, 2018, 3, 83-94.	3.4	23
43	Test-Algebra-Based Fault Location Analysis for the Concurrent Combinatorial Testing. IEEE Transactions on Reliability, 2018, 67, 802-831.	3.5	6
44	A novel visible-infrared image fusion framework for smart city. International Journal of Simulation and Process Modelling, 2018, 13, 144.	0.1	11
45	A novel visible-infrared image fusion framework for smart city. International Journal of Simulation and Process Modelling, 2018, 13, 144.	0.1	0
46	A cloud-based triage log analysis and recovery framework. Simulation Modelling Practice and Theory, 2017, 77, 292-316.	2.2	13
47	A novel multi-focus image fusion approach based on image decomposition. Information Fusion, 2017, 35, 102-116.	11.7	68
48	Intelligent estimate of chemical compositions based on NIR spectra analysis. , 2017, , .		1
49	A Geometric Dictionary Learning Based Approach for Fluorescence Spectroscopy Image Fusion. Applied Sciences (Switzerland), 2017, 7, 161.	1.3	26
50	Frequency Regulation of Power Systems with Self-Triggered Control under the Consideration of Communication Costs. Applied Sciences (Switzerland), 2017, 7, 688.	1.3	18
51	An Integrated Dictionary-Learning Entropy-Based Medical Image Fusion Framework. Future Internet, 2017, 9, 61.	2.4	31
52	A Novel Geometric Dictionary Construction Approach for Sparse Representation Based Image Fusion. Entropy, 2017, 19, 306.	1.1	67
53	A Novel Multi-Focus Image Fusion Method Based on Stochastic Coordinate Coding and Local Density Peaks Clustering. Future Internet, 2016, 8, 53.	2.4	18
54	A novel sparse-representation-based multi-focus image fusion approach. Neurocomputing, 2016, 216, 216-229.	3.5	73

#	ARTICLE	IF	CITATIONS
55	Energy function based security control and control actuator placement by sparse feedback design. , 2016, , .		1
56	Fault-Diagnosis for Reciprocating Compressors Using Big Data. , 2016, , .		6
57	A novel dictionary learning approach for multi-modality medical image fusion. Neurocomputing, 2016, 214, 471-482.	3.5	123
58	A direct method for power system corrective control to relieve current violation in transient with UPFCs by barrier functions. International Journal of Electrical Power and Energy Systems, 2016, 78, 626-636.	3.3	8
59	L-infinity event-triggered networked control under time-varying communication delay with communication cost reduction. Journal of the Franklin Institute, 2015, 352, 4776-4800.	1.9	14
60	BLDC motor speed control system fault diagnosis based on LRGF neural network and adaptive lifting scheme. Applied Soft Computing Journal, 2014, 14, 609-622.	4.1	17