

Qi-Guang Miao

List of Publications by Year in descending order

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80
papers

1,456
citations

361413

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395702

33
g-index

80
all docs

80
docs citations

80
times ranked

1292
citing authors

#	ARTICLE	IF	CITATIONS
1	Advance and Prospects of AdaBoost Algorithm. Zidonghua Xuebao/Acta Automatica Sinica, 2013, 39, 745-758.	1.5	194
2	Multimodal Gesture Recognition Based on the ResC3D Network. , 2017, , .		106
3	Commonality Autoencoder: Learning Common Features for Change Detection From Heterogeneous Images. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4257-4270.	11.3	89
4	Semi-Supervised Hyperspectral Image Classification via Spatial-Regulated Self-Training. Remote Sensing, 2020, 12, 159.	4.0	69
5	LAP-Net: Level-Aware Progressive Network for Image Dehazing. , 2019, , .		50
6	Network Structural Balance Based on Evolutionary Multiobjective Optimization: A Two-Step Approach. IEEE Transactions on Evolutionary Computation, 2015, 19, 903-916.	10.0	49
7	PSOSAC: Particle Swarm Optimization Sample Consensus Algorithm for Remote Sensing Image Registration. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 242-246.	3.1	47
8	Encoder-Decoder With Cascaded CRFs for Semantic Segmentation. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 1926-1938.	8.3	44
9	Multimodal Sensor Medical Image Fusion Based on Local Difference in Non-Subsampled Domain. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 938-951.	4.7	42
10	Automatic Identification of Individual Primates with Deep Learning Techniques. IScience, 2020, 23, 101412.	4.1	42
11	Attention and Feature Fusion SSD for Remote Sensing Object Detection. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	4.7	41
12	Large-Scale Gesture Recognition With a Fusion of RGB-D Data Based on Saliency Theory and C3D Model. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2956-2964.	8.3	38
13	A Decomposition-Ensemble Learning Model Based on LSTM Neural Network for Daily Reservoir Inflow Forecasting. Water Resources Management, 2019, 33, 4123-4139.	3.9	38
14	Large-scale gesture recognition with a fusion of RGB-D data based on optical flow and the C3D model. Pattern Recognition Letters, 2019, 119, 187-194.	4.2	33
15	Analysis and Variants of Broad Learning System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 334-344.	9.3	33
16	Decomposition-Based Evolutionary Multiobjective Optimization to Self-Paced Learning. IEEE Transactions on Evolutionary Computation, 2019, 23, 288-302.	10.0	32
17	Malware detection using bilayer behavior abstraction and improved one-class support vector machines. International Journal of Information Security, 2016, 15, 361-379.	3.4	31
18	Recommendation by Users's™ Multimodal Preferences for Smart City Applications. IEEE Transactions on Industrial Informatics, 2021, 17, 4197-4205.	11.3	26

#	ARTICLE	IF	CITATIONS
19	CR-Net: A Deep Classification-Regression Network for Multimodal Apparent Personality Analysis. International Journal of Computer Vision, 2020, 128, 2763-2780.	15.6	25
20	Computational Intelligence in Remote Sensing Image Registration: A survey. International Journal of Automation and Computing, 2021, 18, 1-17.	4.5	23
21	A Memetic Multi-objective Immune Algorithm for Reservoir Flood Control Operation. Water Resources Management, 2016, 30, 2957-2977.	3.9	22
22	A Coarse-to-Fine Network for Ship Detection in Optical Remote Sensing Images. Remote Sensing, 2020, 12, 246.	4.0	22
23	Parallel Fully Convolutional Network for Semantic Segmentation. IEEE Access, 2021, 9, 673-682.	4.2	20
24	A Classified Adversarial Network for Multi-Spectral Remote Sensing Image Change Detection. Remote Sensing, 2020, 12, 2098.	4.0	19
25	Architectural Style Classification Based on Feature Extraction Module. IEEE Access, 2018, 6, 52598-52606.	4.2	16
26	A Two-Step Method for Remote Sensing Images Registration Based on Local and Global Constraints. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 5194-5206.	4.9	16
27	Large-scale gesture recognition with a fusion of RGB-D data based on the C3D model. , 2016, , .		15
28	A spatiotemporal attention-based ResC3D model for large-scale gesture recognition. Machine Vision and Applications, 2019, 30, 875-888.	2.7	15
29	ChaLearn Looking at People: IsoGD and ConGD Large-Scale RGB-D Gesture Recognition. IEEE Transactions on Cybernetics, 2022, 52, 3422-3433.	9.5	14
30	A Semi-Supervised Image Classification Model Based on Improved Ensemble Projection Algorithm. IEEE Access, 2018, 6, 1372-1379.	4.2	13
31	Multi-Scale Attention 3D Convolutional Network for Multimodal Gesture Recognition. Sensors, 2022, 22, 2405.	3.8	13
32	Filtering LiDAR data based on adjacent triangle of triangulated irregular network. Multimedia Tools and Applications, 2017, 76, 11051-11063.	3.9	12
33	A Semi-Supervised High-Level Feature Selection Framework for Road Centerline Extraction. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 894-898.	3.1	12
34	Semantic Image Segmentation With Propagating Deep Aggregation. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9732-9742.	4.7	12
35	A new artistic information extraction method with multi channels and guided filters for calligraphy works. Multimedia Tools and Applications, 2016, 75, 8719-8744.	3.9	11
36	Magnetic resonance elastography of the brain: A study of feasibility and reproducibility using an ergonomic pillow-like passive driver. Magnetic Resonance Imaging, 2019, 59, 68-76.	1.8	11

#	ARTICLE	IF	CITATIONS
37	Abstracting minimal security-relevant behaviors for malware analysis. Journal of Computer Virology and Hacking Techniques, 2013, 9, 193-204.	2.2	10
38	ABCNet: A new efficient 3D denseâ€šstructure network for segmentation and analysis of body tissue composition on bodyâ€štorsoâ€šwide CT images. Medical Physics, 2020, 47, 2986-2999.	3.0	10
39	Application of U-Net Based Multiparameter Magnetic Resonance Image Fusion in the Diagnosis of Prostate Cancer. IEEE Access, 2021, 9, 33756-33768.	4.2	10
40	A Construction Approach to Prediction Intervals Based on Bootstrap and Deep Belief Network. IEEE Access, 2019, 7, 124185-124195.	4.2	9
41	Pareto Self-Paced Learning Based on Differential Evolution. IEEE Transactions on Cybernetics, 2021, 51, 4187-4200.	9.5	9
42	Color texture segmentation based on active contour model with multichannel nonlocal and Tikhonov regularization. Multimedia Tools and Applications, 2017, 76, 24515-24526.	3.9	8
43	Learning Robust Feature Descriptor for Image Registration With Genetic Programming. IEEE Access, 2020, 8, 39389-39402.	4.2	8
44	Cross-Channel Graph Convolutional Networks for Skeleton-Based Action Recognition. IEEE Access, 2021, 9, 9055-9065.	4.2	8
45	FENOC: An Ensemble One-Class Learning Framework for Malware Detection. , 2013, , .		7
46	Asymptotic stabilisation for a class of feedforward input-delay systems with ratios of odd integers. International Journal of Systems Science, 2013, 44, 1983-1993.	5.5	7
47	Color topographical map segmentation Algorithm based on linear element features. Multimedia Tools and Applications, 2016, 75, 5417-5438.	3.9	7
48	ME-ACP: Multi-view neural networks with ensemble model for identification of anticancer peptides. Computers in Biology and Medicine, 2022, 145, 105459.	7.0	6
49	Osiris: A Malware Behavior Capturing System Implemented at Virtual Machine Monitor Layer. Mathematical Problems in Engineering, 2013, 2013, 1-11.	1.1	5
50	Image Quality Assessment Using Image Description in Information Theory. IEEE Access, 2018, 6, 47181-47188.	4.2	5
51	Malware Detection Algorithm Based on the Attention Mechanism and ResNet. Chinese Journal of Electronics, 2020, 29, 1054-1060.	1.5	5
52	Boosting sparsity-induced autoencoder: A novel sparse feature ensemble learning for image classification. International Journal of Advanced Robotic Systems, 2019, 16, 172988141985347.	2.1	4
53	Global Co-Occurrence Feature and Local Spatial Feature Learning for Skeleton-Based Action Recognition. Entropy, 2020, 22, 1135.	2.2	4
54	Robust Multimodal Remote Sensing Image Registration Based on Local Statistical Frequency Information. Remote Sensing, 2022, 14, 1051.	4.0	4

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55	APICapture - A tool for monitoring the behavior of malware. , 2010, , .		3
56	An Ensemble Cost-Sensitive One-Class Learning Framework for Malware Detection. International Journal of Pattern Recognition and Artificial Intelligence, 2015, 29, 1550018.	1.2	3
57	BoostFS: A Boosting-Based Irrelevant Feature Selection Algorithm. International Journal of Pattern Recognition and Artificial Intelligence, 2015, 29, 1551011.	1.2	3
58	Dictionary-based Fidelity Measure for Virtual Traffic. IEEE Transactions on Visualization and Computer Graphics, 2020, 26, 1490-1501.	4.4	3
59	Superpixel-Based Shallow Convolutional Neural Network (SSCNN) for Scanned Topographic Map Segmentation. Remote Sensing, 2020, 12, 3421.	4.0	3
60	ROPTool: A reverse engineering assistant tool for dynamic analysis. , 2010, , .		2
61	Detecting Circles on Ego Network Based on Structure. , 2014, , .		2
62	Image patch prior learning based on random neighbourhood resampling for image denoising. IET Image Processing, 2020, 14, 838-844.	2.5	2
63	CA&PMG: Channel attention and progressive multi&granularity training network for fine&grained visual classification. IET Image Processing, 2021, 15, 3718-3727.	2.5	2
64	Global and Local Spatial-Attention Network for Isolated Gesture Recognition. Lecture Notes in Computer Science, 2019, , 84-93.	1.3	2
65	Developing a virtual network environment for analyzing malicious network behavior. , 2010, , .		1
66	Osiris: A Malware Behavior Capturing System Implemented at Virtual Machine Monitor Layer. , 2012, , .		1
67	A Novel Email Virus Propagation Model with Local Group. , 2014, , .		1
68	Pan-sharpening via regional division and NSST. Multimedia Tools and Applications, 2015, 74, 7843-7857.	3.9	1
69	A Data-Based Approach to Discovering Multi-Topic Influential Leaders. PLoS ONE, 2016, 11, e0158855.	2.5	1
70	Line separation from topographic maps using regional color and spatial information. , 2018, , .		1
71	Automatic Segmentation of Prostate Structures Using a Convolutional Neural Network from Multiparametric MRI. , 2019, , .		1
72	Development of Radiofrequency Saturation Amplitude-independent Quantitative Markers for Magnetization Transfer MRI of Prostate Cancer. Current Medical Imaging, 2020, 16, 695-702.	0.8	1

#	ARTICLE	IF	CITATIONS
73	Improving Image Classification Through Joint Guided Learning. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-13.	4.7	1
74	Image Hazing and Dehazing: From the Viewpoint of Two-Way Image Translation With a Weakly Supervised Framework. IEEE Transactions on Multimedia, 2022, , 1-12.	7.2	1
75	Beamlet: Principles, algorithms and applications. , 2010, , .		0
76	A General Edge Detection Method Based on the Shear Transform. , 2011, , .		0
77	A tri-objective preference-based uniform weight design method using Delaunay triangulation. Soft Computing, 2021, 25, 9703-9729.	3.6	0
78	Reliable Memory Model for Visual Tracking. Electronics (Switzerland), 2021, 10, 2488.	3.1	0
79	ProFPred: a two-step protein function prediction model based on sequence and evolutionary information. , 2020, , .		0
80	Rearranging 'indivisible' blocks for community detection. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-1.	5.7	0