

Weiwei Cai

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,723
citations

257450

24
h-index

302126

39
g-index

49
all docs

49
docs citations

49
times ranked

559
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of multi-view 3D object recognition methods based on deep learning. <i>Displays</i> , 2021, 69, 102053.	3.7	120
2	PiiGAN: Generative Adversarial Networks for Pluralistic Image Inpainting. <i>IEEE Access</i> , 2020, 8, 48451-48463.	4.2	108
3	Remote Sensing Image Classification Based on a Cross-Attention Mechanism and Graph Convolution. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	3.1	95
4	Voxel-based three-view hybrid parallel network for 3D object classification. <i>Displays</i> , 2021, 69, 102076.	3.7	78
5	TARDB-Net: triple-attention guided residual dense and BiLSTM networks for hyperspectral image classification. <i>Multimedia Tools and Applications</i> , 2021, 80, 11291-11312.	3.9	75
6	Deep hybrid: Multi-graph neural network collaboration for hyperspectral image classification. <i>Defence Technology</i> , 2023, 23, 164-176.	4.2	72
7	Fast forest fire smoke detection using MVMNet. <i>Knowledge-Based Systems</i> , 2022, 241, 108219.	7.1	68
8	Quadratic polynomial guided fuzzy C-means and dual attention mechanism for medical image segmentation. <i>Displays</i> , 2021, 70, 102106.	3.7	65
9	A review of research on co-training. <i>Concurrency Computation Practice and Experience</i> , 2023, 35, e6276.	2.2	56
10	An Improved Encoder-Decoder Network Based on Strip Pool Method Applied to Segmentation of Farmland Vacancy Field. <i>Entropy</i> , 2021, 23, 435.	2.2	54
11	MC-Net: Multiple max-pooling integration module and cross multi-scale deconvolution network. <i>Knowledge-Based Systems</i> , 2021, 231, 107456.	7.1	54
12	Small Sample Classification of Hyperspectral Remote Sensing Images Based on Sequential Joint Deeping Learning Model. <i>IEEE Access</i> , 2020, 8, 71353-71363.	4.2	54
13	A Novel Group Recommendation Model With Two-Stage Deep Learning. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 5853-5864.	9.3	50
14	Multi-Source Domain Transfer Discriminative Dictionary Learning Modeling for Electroencephalogram-Based Emotion Recognition. <i>IEEE Transactions on Computational Social Systems</i> , 2022, 9, 1604-1612.	4.4	47
15	Hierarchical Domain Adaptation Projective Dictionary Pair Learning Model for EEG Classification in loMT Systems. <i>IEEE Transactions on Computational Social Systems</i> , 2023, 10, 1559-1567.	4.4	43
16	Multimodal Data Guided Spatial Feature Fusion and Grouping Strategy for E-Commerce Commodity Demand Forecasting. <i>Mobile Information Systems</i> , 2021, 2021, 1-14.	0.6	42
17	ARFace: Attention-Aware and Regularization for Face Recognition With Reinforcement Learning. <i>IEEE Transactions on Biometrics, Behavior, and Identity Science</i> , 2022, 4, 30-42.	4.4	41
18	A high-precision forest fire smoke detection approach based on ARGNet. <i>Computers and Electronics in Agriculture</i> , 2022, 196, 106874.	7.7	40

#	ARTICLE	IF	CITATIONS
19	Remote Sensing Image Recognition Based on Multi-attention Residual Fusion Networks. ASP Transactions on Pattern Recognition and Intelligent Systems, 2021, 1, 1-8.	2.5	38
20	A Biomimetic Covering Learning Method Based on Principle of Homology Continuity. ASP Transactions on Pattern Recognition and Intelligent Systems, 2021, 1, 9-16.	2.5	37
21	A Joint Bayesian Framework Based on Partial Least Squares Discriminant Analysis for Finger Vein Recognition. IEEE Sensors Journal, 2022, 22, 785-794.	4.7	36
22	Multiscale Dense Cross-Attention Mechanism with Covariance Pooling for Hyperspectral Image Scene Classification. Mobile Information Systems, 2021, 2021, 1-15.	0.6	33
23	Finger Vein Image Enhancement Based on Guided Tri-Gaussian Filters. ASP Transactions on Pattern Recognition and Intelligent Systems, 2021, 1, 17-23.	2.5	31
24	AGTH-Net: Attention-Based Graph Convolution-Guided Third-Order Hourglass Network for Sports Video Classification. Journal of Healthcare Engineering, 2021, 2021, 1-10.	1.9	30
25	Hybrid Dilated Convolution Guided Feature Filtering and Enhancement Strategy for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	27
26	Factors Influencing Returning Migrants's™ Entrepreneurship Intentions for Rural E-Commerce: An Empirical Investigation in China. Sustainability, 2022, 14, 3682.	3.2	27
27	Face Editing Based on Facial Recognition Features. IEEE Transactions on Cognitive and Developmental Systems, 2023, 15, 774-783.	3.8	27
28	Multi-Feature Fusion-Guided Multiscale Bidirectional Attention Networks for Logistics Pallet Segmentation. CMES - Computer Modeling in Engineering and Sciences, 2022, 131, 1539-1555.	1.1	24
29	PDAM's™STPNNet: A Small Target Detection Approach for Wildland Fire Smoke through Remote Sensing Images. Symmetry, 2021, 13, 2260.	2.2	22
30	Multi-Modality Fusion & Inductive Knowledge Transfer Underlying Non-Sparse Multi-Kernel Learning and Distribution Adaption. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2023, 20, 2387-2397.	3.0	20
31	Multi-scale Sparse Network with Cross-Attention Mechanism for image-based butterflies fine-grained classification. Applied Soft Computing Journal, 2022, 117, 108419.	7.2	18
32	MSAt-GAN: a generative adversarial network based on multi-scale and deep attention mechanism for infrared and visible light image fusion. Complex & Intelligent Systems, 2022, 8, 4753-4781.	6.5	18
33	MMDGAN: A fusion data augmentation method for tomato-leaf disease identification. Applied Soft Computing Journal, 2022, 123, 108969.	7.2	18
34	Residual-capsule networks with threshold convolution for segmentation of wheat plantation rows in UAV images. Multimedia Tools and Applications, 2021, 80, 32131-32147.	3.9	17
35	Assessing Consumer Preference for Overpackaging Solutions in E-Commerce. International Journal of Environmental Research and Public Health, 2021, 18, 7951.	2.6	17
36	Electronic Commerce for Sustainable Rural Development: Exploring the Factors Influencing BoPs's™ Entrepreneurial Intention. Sustainability, 2021, 13, 10604.	3.2	17

#	ARTICLE	IF	CITATIONS
37	Practical and secure multifactor authentication protocol for autonomous vehicles in 5G. Software - Practice and Experience, 0, , .	3.6	17
38	MIFAD-Net: Multi-Layer Interactive Feature Fusion Network With Angular Distance Loss for Face Emotion Recognition. Frontiers in Psychology, 2021, 12, 762795.	2.1	14
39	DR-Net: dual-rotation network with feature map enhancement for medical image segmentation. Complex & Intelligent Systems, 2022, 8, 611-623.	6.5	13
40	TransEffiDet: Aircraft Detection and Classification in Aerial Images Based on EfficientDet and Transformer. Computational Intelligence and Neuroscience, 2022, 2022, 1-10.	1.7	13
41	Parameter Estimation of Gamma-Gamma Fading with Generalized Pointing Errors in FSO Systems. Wireless Communications and Mobile Computing, 2021, 2021, 1-14.	1.2	12
42	BC-DU-net-based segmentation of fine cracks in bridges under a complex background. PLoS ONE, 2022, 17, e0265258.	2.5	11
43	Sustainable Entrepreneurship in Rural E-Commerce: Identifying Entrepreneurs in Practitioners by Using Deep Neural Networks Approach. Frontiers in Environmental Science, 2022, 10, .	3.3	6
44	MRDA-MGFSNet: Network Based on a Multi-Rate Dilated Attention Mechanism and Multi-Granularity Feature Sharer for Image-Based Butterflies Fine-Grained Classification. Symmetry, 2021, 13, 1351.	2.2	5
45	DCCAM-MRNet: Mixed Residual Connection Network with Dilated Convolution and Coordinate Attention Mechanism for Tomato Disease Identification. Computational Intelligence and Neuroscience, 2022, 2022, 1-15.	1.7	5
46	Image Noise Level Estimation by Employing Chi-Square Distribution. , 2021, , .		4
47	Large Margin and Local Structure Preservation Sparse Representation Classifier for Alzheimer's Magnetic Resonance Imaging Classification. Frontiers in Aging Neuroscience, 0, 14, .	3.4	2