Jianxin Zhang

List of Publications by Year
in descending order

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Version: 2024-02-01

59	796	759233 12	677142 22
papers	citations	h-index	g-index

59	59	59	555
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Redox and pH dual-stimuli responsive wormlike micelles based on CTAB and sodium dithiodibenzoate. Journal of Dispersion Science and Technology, 2023, 44, 1750-1758.	2.4	1
2	Breast cancer histopathological image classification using attention <scp>highâ€order</scp> deep network. International Journal of Imaging Systems and Technology, 2022, 32, 266-279.	4.1	42
3	Secondâ€order asymmetric convolution network for breast cancer histopathology image classification. Journal of Biophotonics, 2022, 15, e202100370.	2.3	3
4	SGEResU-Net for brain tumor segmentation. Mathematical Biosciences and Engineering, 2022, 19, 5576-5590.	1.9	12
5	3D asymmetric expectationâ€maximization attention network for brain tumor segmentation. NMR in Biomedicine, 2022, 35, e4657.	2.8	7
6	pH-Responsive Liquid Marbles Based on Dihydroxystearic Acid. Langmuir, 2022, 38, 5702-5707.	3.5	5
7	Obstacle Avoidance Path Planning of Space Robot Based on Improved Particle Swarm Optimization. Symmetry, 2022, 14, 938.	2.2	5
8	Optimal Trajectory Planning for Minimizing Base Disturbance of a Redundant Space Robot with IQPSO. Journal of Electrical and Computer Engineering, 2022, 2022, 1-12.	0.9	0
9	Weakly Supervised Gleason Grading of Prostate Cancer Slides using Graph Neural Network. , 2021, , .		0
10	An Improved Symbiosis Particle Swarm Optimization for Solving Economic Load Dispatch Problem. Journal of Electrical and Computer Engineering, 2021, 2021, 1-11.	0.9	7
11	Second-order ResU-Net for automatic MRI brain tumor segmentation. Mathematical Biosciences and Engineering, 2021, 18, 4943-4960.	1.9	20
12	Second-order Attention Guided Convolutional Activations for Visual Recognition. , 2021, , .		0
13	Direct 3D model extraction method for color volume images. Technology and Health Care, 2021, 29, 133-140.	1.2	1
14	Attention-Guided Second-Order Pooling Convolutional Networks. , 2021, , .		1
15	Local-aware spatio-temporal attention network with multi-stage feature fusion for human action recognition. Neural Computing and Applications, 2021, 33, 16439-16450.	5.6	9
16	Second-order multi-instance learning model for whole slide image classification. Physics in Medicine and Biology, 2021, 66, 145006.	3.0	10
17	BrainSeg R-CNN for Brain Tumor Segmentation. Communications in Computer and Information Science, 2021, , 217-226.	0.5	0
18	Triplet-Attention Residual Network for Breast Cancer Histopathology Image Classification. , 2021, , .		0

#	Article	IF	Citations
19	DCET-Net: Dual-Stream Convolution Expanded Transformer for Breast Cancer Histopathological Image Classification. , 2021, , .		11
20	Color difference classification of solid color printing and dyeing products based on optimization of the extreme learning machine of the improved whale optimization algorithm. Textile Reseach Journal, 2020, 90, 135-155.	2.2	27
21	Breast Cancer Histopathological Image Classification Based on Deep Second-order Pooling Network. , 2020, , .		11
22	Cooling and Mechanical Performance Analysis of a Trapezoidal Thermoelectric Cooler with Variable Cross-Section. Energies, 2020, 13, 6070.	3.1	10
23	Deep High-order Asymmetric Supervised Hashing for Image Retrieval. , 2020, , .		2
24	Three-dimensional organ extraction method for color volume image based on the closed-form solution strategy. Quantitative Imaging in Medicine and Surgery, 2020, 10, 862-870.	2.0	1
25	AResU-Net: Attention Residual U-Net for Brain Tumor Segmentation. Symmetry, 2020, 12, 721.	2.2	41
26	Attention Gate ResU-Net for Automatic MRI Brain Tumor Segmentation. IEEE Access, 2020, 8, 58533-58545.	4.2	139
27	Memory-Efficient Cascade 3D U-Net for Brain Tumor Segmentation. Lecture Notes in Computer Science, 2020, , 242-253.	1.3	14
28	Aggregated Deep Global Feature Representation for Breast Cancer Histopathology Image Classification. Journal of Medical Imaging and Health Informatics, 2020, 10, 2778-2783.	0.3	4
29	SDResU-Net: Separable and Dilated Residual U-Net for MRI Brain Tumor Segmentation. Current Medical Imaging, 2020, 16, 720-728.	0.8	12
30	3D Shared Matting Method for Directly Extracting Standard Organ Models from Human Body Color Volume Image. Current Medical Imaging, 2020, 16, 1170-1181.	0.8	1
31	Supervised Deep Second-Order Covariance Hashing for Image Retrieval. Communications in Computer and Information Science, 2020, , 476-487.	0.5	0
32	A visible human body slice segmentation method framework based on OneCut and adjacent image geometric features. Computer Assisted Surgery, 2019, 24, 43-53.	1.3	1
33	A personalized preoperative modeling system for internal fixation plates in long bone fracture surgeryâ€"A straightforward way from CT images to plate model. International Journal of Medical Robotics and Computer Assisted Surgery, 2019, 15, e2029.	2.3	4
34	Deep Covariance Estimation Hashing. IEEE Access, 2019, 7, 113223-113234.	4.2	4
35	Second-Order Response Transform Attention Network for Image Classification. IEEE Access, 2019, 7, 117517-117526.	4.2	3
36	Multi-objective optimization of thermoelectric cooler using genetic algorithms. AIP Advances, 2019, 9, .	1.3	13

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37	First-principles investigations on structural stability, elastic and electronic properties of Co₇M₆ (M= W, Mo, Nb) Âμ phases. Molecular Simulation, 2019, 45, 752-758.	2.0	20
38	Predicting the Legal Risk of "Section 337 Investigations" by Elastic Time Predictor. , 2019, , .		0
39	A novel hybrid model using the rotation forest-based differential evolution online sequential extreme learning machine for illumination correction of dyed fabrics. Textile Reseach Journal, 2019, 89, 1180-1197.	2.2	25
40	Breast Cancer Histopathological Image Classification Based on Convolutional Neural Networks. Journal of Medical Imaging and Health Informatics, 2019, 9, 735-743.	0.3	14
41	Hyperlayer Bilinear Pooling with application to fine-grained categorization and image retrieval. Neurocomputing, 2018, 282, 174-183.	5.9	29
42	Robust Covariance Representations With Large Margin Dimensionality Reduction for Visual Classification. IEEE Access, 2018, 6, 5531-5537.	4.2	1
43	First-principles investigations on structural, elastic, electronic properties and Debye temperature of orthorhombic Ni₃Ta under pressure. Philosophical Magazine, 2018, 98, 1641-1655.	1.6	3
44	Pedestrian Detection Using Regional Proposal Network with Feature Fusion. , 2018, , .		3
45	Classification of Benign and Malignant Pulmonary Nodules Based on Deep Learning. , 2018, , .		9
46	Deep High-order Supervised Hashing for Image Retrieval. , 2018, , .		1
47	Alloying effects and site occupancies of Re in the C14 Cr-based Laves phases: a first-principles study. Philosophical Magazine, 2018, 98, 2879-2895.	1.6	4
48	Site occupancy behaviours of ternary elements (Zr, Mo, Cr) in the Laves phase of C15 NbCo₂: a first-principles study. Philosophical Magazine, 2017, 97, 1012-1023.	1.6	3
49	Pedestrian Detection Using 19-Layer Deep Convolution Neural Network. , 2017, , .		0
50	Risk prediction of type II diabetes based on random forest model. , 2017, , .		66
51	Exploring risk factors and predicting UPDRS score based on Parkinson's speech signals. , 2017, , .		5
52	Classification of ECG signals based on 1D convolution neural network. , 2017, , .		126
53	Palmprint recognition based on CNN and local coding features. , 2017, , .		5
54	Site preference and alloying effect of tungsten in the Î¼ phase of Co₇Mo₆. Philosophical Magazine Letters, 2016, 96, 1-8.	1.2	12

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55	Dislocation Configurations and Stress Distribution Along the Transverse Axis of Turbine Blade Body. Journal of Materials Engineering and Performance, 2015, 24, 4620-4625.	2.5	8
56	Paired Dislocations and Their Interactions with Î³â€² Particles in Polycrystalline Superalloy GH4037. Journal of Materials Engineering and Performance, 2015, 24, 143-148.	2.5	20
57	First-principles studies of the structural and electronic properties of the C14 Laves phase XCr2(Xâ€‰=â€‰Ti,) Tj ETQq1 1 0.784314 rg	1.6	10
58	Reversible formation of stacking faults in a nickel-based single crystal TMS-82 superalloy. Journal of Materials Research, 2013, 28, 3332-3338.	2.6	4
59	The Critical Resolved Shear Stress for Twinning in a Modern Single Crystal Niâ€‹scp›B‹/scp›ased Superalloy TMSâ€82. Advanced Engineering Materials, 2013, 15, 1034-1039.	3.5	7