

Yuanjie Zheng

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

85
papers

1,073
citations

16
h-index

30
g-index

94
ext. papers

1,552
ext. citations

4.3
avg, IF

4.81
L-index

#	Paper	IF	Citations
85	LogoDet-3K: A Large-scale Image Dataset for Logo Detection. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2022 , 18, 1-19	3.4	0
84	A fast and efficient green apple object detection model based on Foveabox. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2022 ,	2.5	1
83	A semi-supervised learning framework for micropapillary adenocarcinoma detection.. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2022 , 17, 639	3.9	
82	Morphometry Difference of the Hippocampal Formation Between Blind and Sighted Individuals. <i>Frontiers in Neuroscience</i> , 2021 , 15, 715749	5.1	
81	An Attention-Based Convolutional Neural Network for Acute Lymphoblastic Leukemia Classification. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 10662	2.6	3
80	Symmetric Deformable Registration via Learning a Pseudomean for MR Brain Images. <i>Journal of Healthcare Engineering</i> , 2021 , 2021, 5520196	3.7	
79	Quantitative Radiomic Features as New Biomarkers for Alzheimer's Disease: An Amyloid PET Study. <i>Cerebral Cortex</i> , 2021 , 31, 3950-3961	5.1	7
78	Multiview multimodal network for breast cancer diagnosis in contrast-enhanced spectral mammography images. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2021 , 16, 979-988	3.8	1
77	Graph Attention Network with Focal Loss for Seizure Detection on Electroencephalography Signals. <i>International Journal of Neural Systems</i> , 2021 , 31, 2150027	6.2	9
76	Regional radiomics similarity networks (R2SNs) in the human brain: Reproducibility, small-world properties and a biological basis. <i>Network Neuroscience</i> , 2021 , 5, 783-797	5.6	1
75	A novel green apple segmentation algorithm based on ensemble U-Net under complex orchard environment. <i>Computers and Electronics in Agriculture</i> , 2021 , 180, 105900	6.5	12
74	Prediction Method of Three-Dimensional Crack Propagation Path Based on Deep Learning Application. <i>Advanced Engineering Materials</i> , 2021 , 23, 2001043	3.5	1
73	Deep representation for classification of refrigerator image via novel convolutional neural network 2021 , 44, 33-40		
72	Deep multispectral image registration network. <i>Computerized Medical Imaging and Graphics</i> , 2021 , 87, 101815	7.6	2
71	Cascaded MultiTask 3-D Fully Convolutional Networks for Pancreas Segmentation. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 2153-2165	10.2	6
70	Association of Tau Pathology With Clinical Symptoms in the Subfields of Hippocampal Formation. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 672077	5.3	1
69	EEG-Based Seizure detection using linear graph convolution network with focal loss. <i>Computer Methods and Programs in Biomedicine</i> , 2021 , 208, 106277	6.9	7

68	SDOF-GAN: Symmetric Dense Optical Flow Estimation With Generative Adversarial Networks. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 6036-6049	8.7	0
67	. <i>IEEE Transactions on Multimedia</i> , 2021 , 23, 2310-2320	6.6	3
66	Decoding Color Visual Working Memory from EEG Signals Using Graph Convolutional Neural Networks.. <i>International Journal of Neural Systems</i> , 2021 , 2250003	6.2	1
65	Channel and Spatial Attention Regression Network for Cup-to-Disc Ratio Estimation. <i>Electronics (Switzerland)</i> , 2020 , 9, 909	2.6	2
64	Apple harvesting robot under information technology: A review. <i>International Journal of Advanced Robotic Systems</i> , 2020 , 17, 172988142092531	1.4	19
63	Density Peak Clustering Algorithm Considering Topological Features. <i>Electronics (Switzerland)</i> , 2020 , 9, 459	2.6	1
62	Interactive Trimap Generation for Digital Matting Based on Single-Sample Learning. <i>Electronics (Switzerland)</i> , 2020 , 9, 659	2.6	1
61	Detection and segmentation of overlapped fruits based on optimized mask R-CNN application in apple harvesting robot. <i>Computers and Electronics in Agriculture</i> , 2020 , 172, 105380	6.5	71
60	Fruit recognition based on pulse coupled neural network and genetic Elman algorithm application in apple harvesting robot. <i>International Journal of Advanced Robotic Systems</i> , 2020 , 17, 1729881419897474	1.4	10
59	Multimodality registration for ocular multispectral images via co-embedding. <i>Neural Computing and Applications</i> , 2020 , 32, 5435-5447	4.8	0
58	A CTR prediction model based on user interest via attention mechanism. <i>Applied Intelligence</i> , 2020 , 50, 1192-1203	4.9	20
57	Posting Techniques in Indoor Environments Based on Deep Learning for Intelligent Building Lighting System. <i>IEEE Access</i> , 2020 , 8, 13674-13682	3.5	3
56	Guided Networks for Few-Shot Image Segmentation and Fully Connected CRFs. <i>Electronics (Switzerland)</i> , 2020 , 9, 1508	2.6	
55	Segmenting Diabetic Retinopathy Lesions in Multispectral Images Using Low-Dimensional Spatial-Spectral Matrix Representation. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020 , 24, 493-502	7.3	7
54	IDRiD: Diabetic Retinopathy - Segmentation and Grading Challenge. <i>Medical Image Analysis</i> , 2020 , 59, 101561	15.4	63
53	Deep-Learning-Based Small Surface Defect Detection via an Exaggerated Local Variation-Based Generative Adversarial Network. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 1343-1351	11.9	31
52	Even faster retinal vessel segmentation via accelerated singular value decomposition. <i>Neural Computing and Applications</i> , 2020 , 32, 1893-1902	4.8	2
51	Controllability of k-Valued Fuzzy Cognitive Maps. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 1694-1708	7.3	6

50	Revealing False Positive Features in Epileptic EEG Identification. <i>International Journal of Neural Systems</i> , 2020 , 30, 2050017	6.2	10
49	MAMDA: Inferring microRNA-Disease associations with manifold alignment. <i>Computers in Biology and Medicine</i> , 2019 , 110, 156-163	7	5
48	DGR-Net: Deep Groupwise Registration of Multispectral Images. <i>Lecture Notes in Computer Science</i> , 2019 , 706-717	0.9	3
47	A Reliable Small Sample Classification Algorithm by Elman Neural Network Based on PLS and GA. <i>Journal of Classification</i> , 2019 , 36, 306-321	1.2	2
46	Deep Group-Wise Registration for Multi-Spectral Images From Fundus Images. <i>IEEE Access</i> , 2019 , 7, 27650-27661	3.5	1
45	Ocular multi-spectral imaging deblurring via regularization of mutual information. <i>Pattern Recognition Letters</i> , 2019 , 127, 56-65	4.7	1
44	Automated recognition and discrimination of human-animal interactions using Fisher vector and hidden Markov model. <i>Signal, Image and Video Processing</i> , 2019 , 13, 993-1000	1.6	2
43	Classification of Motor Imagery Electroencephalogram Signals for Brain-Computer Interface* 2019 ,		3
42	GPredicates: GPU Implementation of Robust and Adaptive Floating-Point Predicates for Computational Geometry. <i>IEEE Access</i> , 2019 , 7, 60868-60876	3.5	1
41	Face Identification With Top-Push Constrained Generalized Low-Rank Approximation of Matrices. <i>IEEE Access</i> , 2019 , 7, 160998-161007	3.5	1
40	Activation of the Notch-Nox4-reactive oxygen species signaling pathway induces cell death in high glucose-treated human retinal endothelial cells. <i>Molecular Medicine Reports</i> , 2019 , 19, 667-677	2.9	18
39	Whale optimized mixed kernel function of support vector machine for colorectal cancer diagnosis. <i>Journal of Biomedical Informatics</i> , 2019 , 92, 103124	10.2	8
38	Fast Recognition and Location of Target Fruit Based on Depth Information. <i>IEEE Access</i> , 2019 , 7, 170553-170563	3.3	2
37	Joint Fine-Grained Components Continuously Enhance Chinese Word Embeddings. <i>IEEE Access</i> , 2019 , 7, 174699-174708	3.5	1
36	A reliable method for colorectal cancer prediction based on feature selection and support vector machine. <i>Medical and Biological Engineering and Computing</i> , 2019 , 57, 901-912	3.1	21
35	A novel optimized GAElman neural network algorithm. <i>Neural Computing and Applications</i> , 2019 , 31, 449-459	4.8	24
34	Deblurring sequential ocular images from multi-spectral imaging (MSI) via mutual information. <i>Medical and Biological Engineering and Computing</i> , 2018 , 56, 1107-1113	3.1	14
33	Liver MRI segmentation with edge-preserved intensity inhomogeneity correction. <i>Signal, Image and Video Processing</i> , 2018 , 12, 791-798	1.6	3

32	Classifying advertising video by topicalizing high-level semantic concepts. <i>Multimedia Tools and Applications</i> , 2018 , 77, 25475-25511	2.5	20
31	Optic Disc Detection from Fundus Photography via Best-Buddies Similarity. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 709	2.6	2
30	Image Segmentation by Searching for Image Feature Density Peaks. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 969	2.6	2
29	Deblurring retinal optical coherence tomography via a convolutional neural network with anisotropic and double convolution layer. <i>IET Computer Vision</i> , 2018 , 12, 900-907	1.4	14
28	A new scale for the assessment of conjunctival bulbar redness. <i>Ocular Surface</i> , 2018 , 16, 436-440	6.5	7
27	Deep Propagation Based Image Matting 2018 ,		12
26	Choroid segmentation from Optical Coherence Tomography with graph-edge weights learned from deep convolutional neural networks. <i>Neurocomputing</i> , 2017 , 237, 332-341	5.4	85
25	Multi-layer multi-view topic model for classifying advertising video. <i>Pattern Recognition</i> , 2017 , 68, 66-81	7.7	26
24	Breast Cancer Multi-classification from Histopathological Images with Structured Deep Learning Model. <i>Scientific Reports</i> , 2017 , 7, 4172	4.9	209
23	Total variation based DCE-MRI decomposition by separating lesion from background for time-intensity curve estimation. <i>Medical Physics</i> , 2017 , 44, 2321-2331	4.4	2
22	Instrument Variables for Reducing Noise in Parallel MRI Reconstruction. <i>BioMed Research International</i> , 2017 , 2017, 9016826	3	4
21	Development and Evaluation of Semiautomated Quantification of Lissamine Green Staining of the Bulbar Conjunctiva From Digital Images. <i>JAMA Ophthalmology</i> , 2017 , 135, 1078-1085	3.9	6
20	Measuring Spectral Inconsistency of Multispectral Images for Detection and Segmentation of Retinal Degenerative Changes. <i>Scientific Reports</i> , 2017 , 7, 11288	4.9	3
19	Scalable Mammogram Retrieval Using Composite Anchor Graph Hashing With Iterative Quantization. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2017 , 27, 2450-2460	6.4	13
18	Learning Deep Match Kernels for Image-Set Classification 2017 ,		12
17	Joint alignment of multispectral images via semidefinite programming. <i>Biomedical Optics Express</i> , 2017 , 8, 890-901	3.5	9
16	Multimodal Image Alignment via Linear Mapping between Feature Modalities. <i>Journal of Healthcare Engineering</i> , 2017 , 2017, 8625951	3.7	6
15	A Selective Ensemble Classification Method Combining Mammography Images with Ultrasound Images for Breast Cancer Diagnosis. <i>Computational and Mathematical Methods in Medicine</i> , 2017 , 2017, 4896386	2.8	13

14	Retinal Image Denoising via Bilateral Filter with a Spatial Kernel of Optimally Oriented Line Spread Function. <i>Computational and Mathematical Methods in Medicine</i> , 2017 , 2017, 1769834	2.8	11
13	Deep Hierarchical Representation from Classifying Logo-405. <i>Complexity</i> , 2017 , 2017, 1-12	1.6	3
12	Groupwise registration of sequential images from multispectral imaging (MSI) of the retina and choroid. <i>Optics Express</i> , 2016 , 24, 25277-25290	3.3	8
11	Controllability of Boolean networks via input controls under Harvey's update scheme. <i>Chaos</i> , 2016 , 26, 023111	3.3	4
10	Superordinate Level Processing Has Priority Over Basic-Level Processing in Scene Gist Recognition. <i>I-Perception</i> , 2016 , 7, 2041669516681307	1.2	3
9	Parenchymal texture analysis in digital mammography: A fully automated pipeline for breast cancer risk assessment. <i>Medical Physics</i> , 2015 , 42, 4149-60	4.4	57
8	Measuring sparse temporal-variation for accurate registration of dynamic contrast-enhanced breast MR images. <i>Computerized Medical Imaging and Graphics</i> , 2015 , 46 Pt 1, 73-80	7.6	5
7	Parenchymal texture analysis in digital mammography: robust texture feature identification and equivalence across devices. <i>Journal of Medical Imaging</i> , 2015 , 2, 024501	2.6	16
6	. <i>IEEE Transactions on Multimedia</i> , 2014 , 16, 571-578	6.6	6
5	Performance evaluation of simple linear iterative clustering algorithm on medical image processing. <i>Bio-Medical Materials and Engineering</i> , 2014 , 24, 3231-8	1	5
4	Landmark matching based retinal image alignment by enforcing sparsity in correspondence matrix. <i>Medical Image Analysis</i> , 2014 , 18, 903-13	15.4	30
3	Optic disc and cup segmentation from color fundus photograph using graph cut with priors. <i>Lecture Notes in Computer Science</i> , 2013 , 16, 75-82	0.9	26
2	Estimation of image bias field with sparsity constraints 2010 ,		12
1	Automatic correction of intensity nonuniformity from sparseness of gradient distribution in medical images. <i>Lecture Notes in Computer Science</i> , 2009 , 12, 852-9	0.9	12