

# Yongming Li

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

1,295  
citations

393982

19  
h-index

395343

33  
g-index

68  
all docs

68  
docs citations

68  
times ranked

1224  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic cell nuclei segmentation and classification of breast cancer histopathology images. Signal Processing, 2016, 122, 1-13.	2.1	205
2	Automatic classification of breast cancer histopathological images based on deep feature fusion and enhanced routing. Biomedical Signal Processing and Control, 2021, 65, 102341.	3.5	85
3	Automatic cell nuclei segmentation and classification of cervical Pap smear images. Biomedical Signal Processing and Control, 2019, 48, 93-103.	3.5	83
4	Research of multi-population agent genetic algorithm for feature selection. Expert Systems With Applications, 2009, 36, 11570-11581.	4.4	61
5	SwinSUNet: Pure Transformer Network for Remote Sensing Image Change Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	55
6	FA-GAN: Fused attentive generative adversarial networks for MRI image super-resolution. Computerized Medical Imaging and Graphics, 2021, 92, 101969.	3.5	49
7	SARA-GAN: Self-Attention and Relative Average Discriminator Based Generative Adversarial Networks for Fast Compressed Sensing MRI Reconstruction. Frontiers in Neuroinformatics, 2020, 14, 611666.	1.3	47
8	Classification of Parkinson's disease utilizing multi-edit nearest-neighbor and ensemble learning algorithms with speech samples. BioMedical Engineering OnLine, 2016, 15, 122.	1.3	44
9	Alterations in patients with major depressive disorder before and after electroconvulsive therapy measured by fractional amplitude of low-frequency fluctuations (fALFF). Journal of Affective Disorders, 2019, 244, 92-99.	2.0	41
10	Cross-task extreme learning machine for breast cancer image classification with deep convolutional features. Biomedical Signal Processing and Control, 2020, 57, 101789.	3.5	40
11	A Novel Wireless Network Intrusion Detection Method Based on Adaptive Synthetic Sampling and an Improved Convolutional Neural Network. IEEE Access, 2020, 8, 195741-195751.	2.6	38
12	A dynamic chain-like agent genetic algorithm for global numerical optimization and feature selection. Neurocomputing, 2009, 72, 1214-1228.	3.5	35
13	Adaptive Pruning of Transfer Learned Deep Convolutional Neural Network for Classification of Cervical Pap Smear Images. IEEE Access, 2020, 8, 50674-50683.	2.6	33
14	Classification of Parkinson's Disease by Decision Tree Based Instance Selection and Ensemble Learning Algorithms. Journal of Medical Imaging and Health Informatics, 2017, 7, 444-452.	0.2	29
15	A new strategy for urinary sediment segmentation based on wavelet, morphology and combination method. Computer Methods and Programs in Biomedicine, 2006, 84, 162-173.	2.6	27
16	FAC-Net: Feedback Attention Network Based on Context Encoder Network for Skin Lesion Segmentation. Sensors, 2021, 21, 5172.	2.1	23
17	AF-SENet: Classification of Cancer in Cervical Tissue Pathological Images Based on Fusing Deep Convolution Features. Sensors, 2021, 21, 122.	2.1	23
18	Two-Phase Object-Based Deep Learning for Multi-Temporal SAR Image Change Detection. Remote Sensing, 2020, 12, 548.	1.8	22

#	ARTICLE	IF	CITATIONS
19	Multi-population co-genetic algorithm with double chain-like agents structure for parallel global numerical optimization. <i>Applied Intelligence</i> , 2010, 32, 292-310.	3.3	21
20	Particle Swarm Optimization-Based SVM for Classification of Cable Surface Defects of the Cable-Stayed Bridges. <i>IEEE Access</i> , 2020, 8, 44485-44492.	2.6	21
21	Local discriminant preservation projection embedded ensemble learning based dimensionality reduction of speech data of Parkinson's disease. <i>Biomedical Signal Processing and Control</i> , 2021, 63, 102165.	3.5	20
22	Deep dual-side learning ensemble model for Parkinson speech recognition. <i>Biomedical Signal Processing and Control</i> , 2021, 69, 102849.	3.5	19
23	Sequential multi-criteria feature selection algorithm based on Agent genetic algorithm. <i>Applied Intelligence</i> , 2010, 33, 117-131.	3.3	18
24	Investigation of structure, dielectric and energy-storage properties of lead-free niobate glass and glass-ceramics. <i>Journal of Alloys and Compounds</i> , 2018, 747, 55-59.	2.8	16
25	Localized instance fusion of MRI data of Alzheimer's disease for classification based on instance transfer ensemble learning. <i>BioMedical Engineering OnLine</i> , 2018, 17, 49.	1.3	16
26	Simultaneous learning of speech feature and segment for classification of Parkinson disease. , 2017, , .		14
27	Feature-based analysis of cell nuclei structure for classification of histopathological images. , 2018, 78, 152-162.		14
28	Histopathological image classification based on cross-domain deep transferred feature fusion. <i>Biomedical Signal Processing and Control</i> , 2021, 68, 102705.	3.5	14
29	SAR despeckling via classification-based nonlocal and local sparse representation. <i>Neurocomputing</i> , 2017, 219, 174-185.	3.5	12
30	Two coding based adaptive parallel co-genetic algorithm with double agents structure. <i>Engineering Applications of Artificial Intelligence</i> , 2010, 23, 526-542.	4.3	11
31	Joint spectral-spatial hyperspectral image classification based on hierarchical subspace switch ensemble learning algorithm. <i>Applied Intelligence</i> , 2018, 48, 4128-4148.	3.3	11
32	Embedded stacked group sparse autoencoder ensemble with L1 regularization and manifold reduction. <i>Applied Soft Computing Journal</i> , 2021, 101, 107003.	4.1	11
33	Two-Stage Multi-Task Representation Learning for Synthetic Aperture Radar (SAR) Target Images Classification. <i>Sensors</i> , 2017, 17, 2506.	2.1	10
34	MHANet: A hybrid attention mechanism for retinal diseases classification. <i>PLoS ONE</i> , 2021, 16, e0261285.	1.1	10
35	Dependency criterion based brain pathological age estimation of Alzheimer's disease patients with MR scans. <i>BioMedical Engineering OnLine</i> , 2017, 16, 50.	1.3	8
36	A Discriminative Person Re-Identification Model With Global-Local Attention and Adaptive Weighted Rank List Loss. <i>IEEE Access</i> , 2020, 8, 203700-203711.	2.6	8

#	ARTICLE	IF	CITATIONS
37	Few-shot learning of Parkinson's disease speech data with optimal convolution sparse kernel transfer learning. <i>Biomedical Signal Processing and Control</i> , 2021, 69, 102850.	3.5	8
38	Full-field burn depth detection based on near-infrared hyperspectral imaging and ensemble regression. <i>Review of Scientific Instruments</i> , 2019, 90, 064103.	0.6	7
39	Hyperspectral image classification based on joint sparsity model with low-dimensional spectral-spatial features. <i>Journal of Applied Remote Sensing</i> , 2017, 11, 015010.	0.6	6
40	A burn depth detection system based on near infrared spectroscopy and ensemble learning. <i>Review of Scientific Instruments</i> , 2017, 88, 114302.	0.6	6
41	Automatic Knee Cartilage Segmentation Using Multi-Feature Support Vector Machine and Elastic Region Growing for Magnetic Resonance Images. <i>Journal of Medical Imaging and Health Informatics</i> , 2016, 6, 948-956.	0.2	6
42	Proportional Hybrid Mechanism for Population Based Feature Selection Algorithm. <i>International Journal of Information Technology and Decision Making</i> , 2017, 16, 1309-1338.	2.3	5
43	Burn wound assessment system using near-infrared hyperspectral imaging and deep transfer features. <i>Infrared Physics and Technology</i> , 2020, 111, 103558.	1.3	5
44	Hybrid Feature Embedded Sparse Stacked Autoencoder and Manifold Dimensionality Reduction Ensemble for Mental Health Speech Recognition. <i>IEEE Access</i> , 2021, 9, 28729-28741.	2.6	5
45	Estimating the brain pathological age of Alzheimer's disease patients from MR image data based on the separability distance criterion. <i>Physics in Medicine and Biology</i> , 2016, 61, 7162-7186.	1.6	4
46	Bidirectional Focused Semantic Alignment Attention Network for Cross-Modal Retrieval. , 2021, , .		4
47	Deep Hash with Improved Dual Attention for Image Retrieval. <i>Information (Switzerland)</i> , 2021, 12, 285.	1.7	4
48	Dual Branch Attention Network for Person Re-Identification. <i>Sensors</i> , 2021, 21, 5839.	2.1	4
49	CANet: A Combined Attention Network for Remote Sensing Image Change Detection. <i>Information (Switzerland)</i> , 2021, 12, 364.	1.7	4
50	Parkinson's disease patients with freezing of gait have more severe voice impairment than non-freezers during "ON state". <i>Journal of Neural Transmission</i> , 2022, 129, 277-286.	1.4	4
51	Deep instance envelope network-based imbalance learning algorithm with multilayer fuzzy C-means clustering and minimum interlayer discrepancy. <i>Applied Soft Computing Journal</i> , 2022, 123, 108846.	4.1	4
52	ONE IMPROVED AGENT GENETIC ALGORITHM " RING-LIKE AGENT GENETIC ALGORITHM FOR GLOBAL NUMERICAL OPTIMIZATION. <i>Asia-Pacific Journal of Operational Research</i> , 2009, 26, 479-502.	0.9	3
53	SAR Image Change Detection Based on Data Optimization and Self-Supervised Learning. <i>IEEE Access</i> , 2020, 8, 217290-217305.	2.6	3
54	Insight into an unsupervised two-step sparse transfer learning algorithm for speech diagnosis of Parkinson's disease. <i>Neural Computing and Applications</i> , 2021, 33, 9733-9750.	3.2	3

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55	HDC-Net: A hierarchical dilation convolutional network for retinal vessel segmentation. PLoS ONE, 2021, 16, e0257013.	1.1	3
56	Detection of A $\beta$ plaque deposition in MR images based on pixel feature selection and class information in image level. BioMedical Engineering OnLine, 2016, 15, 108.	1.3	2
57	Classification of Pathogenic Bacteria Using Near-Infrared Diffuse Reflectance Spectroscopy. Journal of Applied Spectroscopy, 2019, 85, 1029-1036.	0.3	2
58	Unsupervised Hashing with Gradient Attention. Symmetry, 2020, 12, 1193.	1.1	2
59	Feature Selection Method with Multi-Population Agent Genetic Algorithm. Lecture Notes in Computer Science, 2009, , 493-500.	1.0	2
60	Adaptive Local Aspect Dictionary Pair Learning for Synthetic Aperture Radar Target Image Classification. Sensors, 2018, 18, 2940.	2.1	1
61	Weighted Local Discriminant Preservation Projection Ensemble Algorithm With Embedded Micro-Noise. IEEE Access, 2019, 7, 143814-143828.	2.6	1
62	Classification of Alzheimer's Disease Based on Multiple Anatomical Structures' Asymmetric Magnetic Resonance Imaging Feature Selection. Lecture Notes in Computer Science, 2015, , 280-289.	1.0	1
63	Improved Age Estimation Mechanism from Medical Data Based on Deep Instance Weighting Fusion. Journal of Medical Imaging and Health Informatics, 2020, 10, 984-993.	0.2	1
64	Optical detection of wound infection in vivo by near infrared diffuse reflectance spectroscopy. Spectroscopy Letters, 2017, 50, 566-571.	0.5	0
65	Pitch tracking algorithm based on evolutionary computing with regularisation in very low SNR. Journal of Engineering, 2018, 2018, 1509-1514.	0.6	0
66	Dynamic dual attention iterative network for image super-resolution. Applied Intelligence, 0, , 1.	3.3	0
67	Hybrid Deep Transfer Network and Rotational Sample Subspace Ensemble Learning for Early Cancer Detection. Journal of Medical Imaging and Health Informatics, 2020, 10, 2289-2296.	0.2	0