Lirong Yin

List of Publications by Year
in descending order

57	3,135	109264	168321
papers	citations	35	53
		h-index	g-index

57	57	57	492
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Endoscope image mosaic based on pyramid ORB. Biomedical Signal Processing and Control, 2022, 71, 103261.	3.5	130
2	Spatial and temporal distribution characteristics of haze and pollution particles in China based on spatial statistics. Urban Climate, 2022, 41, 101031.	2.4	79
3	Smog prediction based on the deep belief - BP neural network model (DBN-BP). Urban Climate, 2022, 41, 101078.	2.4	72
4	Statistical analysis of regional air temperature characteristics before and after dam construction. Urban Climate, 2022, 41, 101085.	2.4	60
5	Spatial distribution analysis of seismic activity based on GMI, LMI, and LISA in China. Open Geosciences, 2022, 14, 89-97.	0.6	5
6	Evaluation of Empirical Atmospheric Models Using Swarm-C Satellite Data. Atmosphere, 2022, 13, 294.	1.0	68
7	Study on spatio-temporal characteristics of earthquakes in southwest China based on z-value. Open Geosciences, 2022, 14, 185-207.	0.6	4
8	Spatio-temporal analysis of East Asian seismic zones based on multifractal theory. Open Geosciences, 2022, 14, 316-330.	0.6	2
9	Improved Feature Point Pair Purification Algorithm Based on SIFT During Endoscope Image Stitching. Frontiers in Neurorobotics, 2022, 16, 840594.	1.6	68
10	Wavelet Analysis of Dam Injection and Discharge in Three Gorges Dam and Reservoir with Precipitation and River Discharge. Water (Switzerland), 2022, 14, 567.	1.2	65
11	2D/3D Multimode Medical Image Registration Based on Normalized Cross-Correlation. Applied Sciences (Switzerland), 2022, 12, 2828.	1.3	73
12	A Deep Fusion Matching Network Semantic Reasoning Model. Applied Sciences (Switzerland), 2022, 12, 3416.	1.3	97
13	Classification of Urban Pollution Levels Based on Clustering and Spatial Statistics. Atmosphere, 2022, 13, 494.	1.0	7
14	Haze Grading Using the Convolutional Neural Networks. Atmosphere, 2022, 13, 522.	1.0	58
15	Improved Four-channel PBTDPA Control Strategy Using Force Feedback Bilateral Teleoperation System. International Journal of Control, Automation and Systems, 2022, 20, 1002-1017.	1.6	61
16	Low-Dose CT Image Post-Processing Based on Learn-Type Sparse Transform. Sensors, 2022, 22, 2883.	2.1	8
17	The algorithm of stereo vision and shape from shading based on endoscope imaging. Biomedical Signal Processing and Control, 2022, 76, 103658.	3.5	52
18	A Few Shot Classification Methods Based on Multiscale Relational Networks. Applied Sciences (Switzerland), 2022, 12, 4059.	1.3	100

#	Article	IF	Citations
19	Characterization inference based on joint-optimization of multi-layer semantics and deep fusion matching network. PeerJ Computer Science, 2022, 8, e908.	2.7	97
20	Influence of Three Gorges Dam on earthquakes based on GRACE gravity field. Open Geosciences, 2022, 14, 453-461.	0.6	4
21	Forecasting Urban Land Use Change Based on Cellular Automata and the PLUS Model. Land, 2022, 11, 652.	1.2	98
22	Sparse Angle CBCT Reconstruction Based on Guided Image Filtering. Frontiers in Oncology, 2022, 12, 832037.	1.3	3
23	Control of Time Delay Force Feedback Teleoperation System With Finite Time Convergence. Frontiers in Neurorobotics, 2022, 16, .	1.6	76
24	Depth Estimation Method for Monocular Camera Defocus Images in Microscopic Scenes. Electronics (Switzerland), 2022, 11, 2012.	1.8	56
25	An improved method for soft tissue modeling. Biomedical Signal Processing and Control, 2021, 65, 102367.	3.5	113
26	Improving Visual Reasoning Through Semantic Representation. IEEE Access, 2021, 9, 91476-91486.	2.6	121
27	Sentence Representation Method Based on Multi-Layer Semantic Network. Applied Sciences (Switzerland), 2021, 11, 1316.	1.3	130
28	Joint embedding VQA model based on dynamic word vector. PeerJ Computer Science, 2021, 7, e353.	2.7	123
29	Research on image classification method based on improved multi-scale relational network. PeerJ Computer Science, 2021, 7, e613.	2.7	136
30	Research and improvement of feature detection algorithm based on FAST. Rendiconti Lincei, 2021, 32, 775-789.	1.0	37
31	Knowledge base graph embedding module design for Visual question answering model. Pattern Recognition, 2021, 120, 108153.	5.1	160
32	A Haze Prediction Method Based on One-Dimensional Convolutional Neural Network. Atmosphere, 2021, 12, 1327.	1.0	81
33	Spatiotemporal Analysis of Haze in Beijing Based on the Multi-Convolution Model. Atmosphere, 2021, 12, 1408.	1.0	87
34	A Haze Prediction Model in Chengdu Based on LSTM. Atmosphere, 2021, 12, 1479.	1.0	65
35	Grey Correlation Analysis of Haze Impact Factor PM2.5. Atmosphere, 2021, 12, 1513.	1.0	19
36	Study on Reconstruction and Feature Tracking of Silicone Heart 3D Surface. Sensors, 2021, 21, 7570.	2.1	15

#	Article	IF	Citations
37	Adaptive Neural Network Control of Time Delay Teleoperation System Based on Model Approximation. Sensors, 2021, 21, 7443.	2.1	14
38	Search Engine Optimization Method of Online Course Management Platform. Journal of Physics: Conference Series, 2021, 2138, 012023.	0.3	0
39	Microscopic 3D reconstruction based on point cloud data generated using defocused images. Measurement and Control, 2021, 54, 1309-1318.	0.9	16
40	Haze Prediction Model Using Deep Recurrent Neural Network. Atmosphere, 2021, 12, 1625.	1.0	74
41	Temporal evolution characteristics of PM2.5 concentration based on continuous wavelet transform. Science of the Total Environment, 2020, 699, 134244.	3.9	79
42	Higher Education Online Courses Personalized Recommendation Algorithm Based on Score and Attributes. Journal of Physics: Conference Series, 2020, 1673, 012025.	0.3	12
43	Recommendation Algorithm of Crowdfunding Platform Based on Collaborative Filtering. Journal of Physics: Conference Series, 2020, 1673, 012030.	0.3	6
44	Seismic spatiotemporal characteristics in the Alpide Himalayan Seismic Belt. Earth Science Informatics, 2020, 13, 883-892.	1.6	26
45	Earthquakes spatio–temporal distribution and fractal analysis in the Eurasian seismic belt. Rendiconti Lincei, 2020, 31, 203-209.	1.0	36
46	Construction of force haptic reappearance system based on Geomagic Touch haptic device. Computer Methods and Programs in Biomedicine, 2020, 190, 105344.	2.6	55
47	Semantic representation for visual reasoning. MATEC Web of Conferences, 2019, 277, 02006.	0.1	21
48	Fractal dimension analysis for seismicity spatial and temporal distribution in the circum-Pacific seismic belt. Journal of Earth System Science, 2019, 128, 1.	0.6	53
49	Multi-scale Relation Network for Few-Shot Learning Based on Meta-learning. Lecture Notes in Computer Science, 2019, , 343-352.	1.0	26
50	Wavelet analysis of the temporal-spatial distribution in the Eurasia seismic belt. International Journal of Wavelets, Multiresolution and Information Processing, 2017, 15, 1750018.	0.9	34
51	Influence of Social-economic Activities on Air Pollutants in Beijing, China. Open Geosciences, 2017, 9, .	0.6	40
52	IMPACT OF LAND USE ON URBAN WATER-LOGGING DISASTER: A CASE STUDY OF BEIJING AND NEW YORK CITIES. Environmental Engineering and Management Journal, 2017, 16, 1211-1216.	0.2	16
53	Measuring County Resilience After the 2008 Wenchuan Earthquake. International Journal of Disaster Risk Science, 2016, 7, 393-412.	1.3	49
54	Spatiotemporal heterogeneity of urban air pollution in China based on spatial analysis. Rendiconti Lincei, 2016, 27, 351-356.	1.0	42

#	Article	IF	Citations
55	The Retrieved Urban LST in Beijing Based on TM, HJ-1B and MODIS. Arabian Journal for Science and Engineering, 2016, 41, 2325-2332.	1.1	34
56	Predicting seismicity trend in southwest of China based on wavelet analysis. International Journal of Wavelets, Multiresolution and Information Processing, 2015, 13, 1550011.	0.9	27
57	Impact of human activities on haze in Beijing based on grey relational analysis. Rendiconti Lincei, 2015, 26, 187-192.	1.0	45