

Lirong Yin

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

3,135
citations

109264

35
h-index

168321

53
g-index

57
all docs

57
docs citations

57
times ranked

492
citing authors

#	ARTICLE	IF	CITATIONS
1	Knowledge base graph embedding module design for Visual question answering model. Pattern Recognition, 2021, 120, 108153.	5.1	160
2	Research on image classification method based on improved multi-scale relational network. PeerJ Computer Science, 2021, 7, e613.	2.7	136
3	Sentence Representation Method Based on Multi-Layer Semantic Network. Applied Sciences (Switzerland), 2021, 11, 1316.	1.3	130
4	Endoscope image mosaic based on pyramid ORB. Biomedical Signal Processing and Control, 2022, 71, 103261.	3.5	130
5	Joint embedding VQA model based on dynamic word vector. PeerJ Computer Science, 2021, 7, e353.	2.7	123
6	Improving Visual Reasoning Through Semantic Representation. IEEE Access, 2021, 9, 91476-91486.	2.6	121
7	An improved method for soft tissue modeling. Biomedical Signal Processing and Control, 2021, 65, 102367.	3.5	113
8	A Few Shot Classification Methods Based on Multiscale Relational Networks. Applied Sciences (Switzerland), 2022, 12, 4059.	1.3	100
9	Forecasting Urban Land Use Change Based on Cellular Automata and the PLUS Model. Land, 2022, 11, 652.	1.2	98
10	A Deep Fusion Matching Network Semantic Reasoning Model. Applied Sciences (Switzerland), 2022, 12, 3416.	1.3	97
11	Characterization inference based on joint-optimization of multi-layer semantics and deep fusion matching network. PeerJ Computer Science, 2022, 8, e908.	2.7	97
12	Spatiotemporal Analysis of Haze in Beijing Based on the Multi-Convolution Model. Atmosphere, 2021, 12, 1408.	1.0	87
13	A Haze Prediction Method Based on One-Dimensional Convolutional Neural Network. Atmosphere, 2021, 12, 1327.	1.0	81
14	Temporal evolution characteristics of PM2.5 concentration based on continuous wavelet transform. Science of the Total Environment, 2020, 699, 134244.	3.9	79
15	Spatial and temporal distribution characteristics of haze and pollution particles in China based on spatial statistics. Urban Climate, 2022, 41, 101031.	2.4	79
16	Control of Time Delay Force Feedback Teleoperation System With Finite Time Convergence. Frontiers in Neurorobotics, 2022, 16, .	1.6	76
17	Haze Prediction Model Using Deep Recurrent Neural Network. Atmosphere, 2021, 12, 1625.	1.0	74
18	2D/3D Multimode Medical Image Registration Based on Normalized Cross-Correlation. Applied Sciences (Switzerland), 2022, 12, 2828.	1.3	73

#	ARTICLE	IF	CITATIONS
19	Smog prediction based on the deep belief - BP neural network model (DBN-BP). <i>Urban Climate</i> , 2022, 41, 101078.	2.4	72
20	Evaluation of Empirical Atmospheric Models Using Swarm-C Satellite Data. <i>Atmosphere</i> , 2022, 13, 294.	1.0	68
21	Improved Feature Point Pair Purification Algorithm Based on SIFT During Endoscope Image Stitching. <i>Frontiers in Neurobotics</i> , 2022, 16, 840594.	1.6	68
22	A Haze Prediction Model in Chengdu Based on LSTM. <i>Atmosphere</i> , 2021, 12, 1479.	1.0	65
23	Wavelet Analysis of Dam Injection and Discharge in Three Gorges Dam and Reservoir with Precipitation and River Discharge. <i>Water (Switzerland)</i> , 2022, 14, 567.	1.2	65
24	Improved Four-channel PBTDP A Control Strategy Using Force Feedback Bilateral Teleoperation System. <i>International Journal of Control, Automation and Systems</i> , 2022, 20, 1002-1017.	1.6	61
25	Statistical analysis of regional air temperature characteristics before and after dam construction. <i>Urban Climate</i> , 2022, 41, 101085.	2.4	60
26	Haze Grading Using the Convolutional Neural Networks. <i>Atmosphere</i> , 2022, 13, 522.	1.0	58
27	Depth Estimation Method for Monocular Camera Defocus Images in Microscopic Scenes. <i>Electronics (Switzerland)</i> , 2022, 11, 1012.	1.8	56
28	Construction of force haptic reappearance system based on Geomagic Touch haptic device. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 190, 105344.	2.6	55
29	Fractal dimension analysis for seismicity spatial and temporal distribution in the circum-Pacific seismic belt. <i>Journal of Earth System Science</i> , 2019, 128, 1.	0.6	53
30	The algorithm of stereo vision and shape from shading based on endoscope imaging. <i>Biomedical Signal Processing and Control</i> , 2022, 76, 103658.	3.5	52
31	Measuring County Resilience After the 2008 Wenchuan Earthquake. <i>International Journal of Disaster Risk Science</i> , 2016, 7, 393-412.	1.3	49
32	Impact of human activities on haze in Beijing based on grey relational analysis. <i>Rendiconti Lincei</i> , 2015, 26, 187-192.	1.0	45
33	Spatiotemporal heterogeneity of urban air pollution in China based on spatial analysis. <i>Rendiconti Lincei</i> , 2016, 27, 351-356.	1.0	42
34	Influence of Social-economic Activities on Air Pollutants in Beijing, China. <i>Open Geosciences</i> , 2017, 9, .	0.6	40
35	Research and improvement of feature detection algorithm based on FAST. <i>Rendiconti Lincei</i> , 2021, 32, 775-789.	1.0	37
36	Earthquakes spatio-temporal distribution and fractal analysis in the Eurasian seismic belt. <i>Rendiconti Lincei</i> , 2020, 31, 203-209.	1.0	36

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	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
40	Seismic spatiotemporal characteristics in the Alpide Himalayan Seismic Belt. Earth Science Informatics, 2020, 13, 883-892.	1.6	26
41	Multi-scale Relation Network for Few-Shot Learning Based on Meta-learning. Lecture Notes in Computer Science, 2019, , 343-352.	1.0	26
42	Semantic representation for visual reasoning. MATEC Web of Conferences, 2019, 277, 02006.	0.1	21
43	Grey Correlation Analysis of Haze Impact Factor PM2.5. Atmosphere, 2021, 12, 1513.	1.0	19
44	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
45	Microscopic 3D reconstruction based on point cloud data generated using defocused images. Measurement and Control, 2021, 54, 1309-1318.	0.9	16
46	Study on Reconstruction and Feature Tracking of Silicone Heart 3D Surface. Sensors, 2021, 21, 7570.	2.1	15
47	Adaptive Neural Network Control of Time Delay Teleoperation System Based on Model Approximation. Sensors, 2021, 21, 7443.	2.1	14
48	Higher Education Online Courses Personalized Recommendation Algorithm Based on Score and Attributes. Journal of Physics: Conference Series, 2020, 1673, 012025.	0.3	12
49	Low-Dose CT Image Post-Processing Based on Learn-Type Sparse Transform. Sensors, 2022, 22, 2883.	2.1	8
50	Classification of Urban Pollution Levels Based on Clustering and Spatial Statistics. Atmosphere, 2022, 13, 494.	1.0	7
51	Recommendation Algorithm of Crowdfunding Platform Based on Collaborative Filtering. Journal of Physics: Conference Series, 2020, 1673, 012030.	0.3	6
52	Spatial distribution analysis of seismic activity based on GMI, LMI, and LISA in China. Open Geosciences, 2022, 14, 89-97.	0.6	5
53	Study on spatio-temporal characteristics of earthquakes in southwest China based on $\langle i \rangle z \langle i \rangle$ -value. Open Geosciences, 2022, 14, 185-207.	0.6	4
54	Influence of Three Gorges Dam on earthquakes based on GRACE gravity field. Open Geosciences, 2022, 14, 453-461.	0.6	4

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55	Sparse Angle CBCT Reconstruction Based on Guided Image Filtering. <i>Frontiers in Oncology</i> , 2022, 12, 832037.	1.3	3
56	Spatio-temporal analysis of East Asian seismic zones based on multifractal theory. <i>Open Geosciences</i> , 2022, 14, 316-330.	0.6	2
57	Search Engine Optimization Method of Online Course Management Platform. <i>Journal of Physics: Conference Series</i> , 2021, 2138, 012023.	0.3	0