

Jiang Li

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,269
citations

516215

16
h-index

476904

29
g-index

63
all docs

63
docs citations

63
times ranked

1736
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning Based Imaging Data Completion for Improved Brain Disease Diagnosis. Lecture Notes in Computer Science, 2014, 17, 305-312.	1.0	249
2	A Robust Deep Model for Improved Classification of AD/MCI Patients. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 1610-1616.	3.9	223
3	A few-shot deep learning approach for improved intrusion detection. , 2017, , .		66
4	Achieving 100x Acceleration for N-1 Contingency Screening With Uncertain Scenarios Using Deep Convolutional Neural Network. IEEE Transactions on Power Systems, 2019, 34, 3303-3305.	4.6	62
5	Vegetation Detection Using Deep Learning and Conventional Methods. Remote Sensing, 2020, 12, 2502.	1.8	52
6	Deep Learning for Land Cover Classification Using Only a Few Bands. Remote Sensing, 2020, 12, 2000.	1.8	44
7	A deep transfer learning approach for improved post-traumatic stress disorder diagnosis. Knowledge and Information Systems, 2019, 60, 1693-1724.	2.1	36
8	Assessment of Spatiotemporal Fusion Algorithms for Planet and Worldview Images. Sensors, 2018, 18, 1051.	2.1	35
9	An Accurate Vegetation and Non-Vegetation Differentiation Approach Based on Land Cover Classification. Remote Sensing, 2020, 12, 3880.	1.8	32
10	A Hierarchical Horizon Detection Algorithm. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 111-114.	1.4	30
11	A Deep Transfer Learning Approach for Improved Post-Traumatic Stress Disorder Diagnosis. , 2017, , .		27
12	High-Speed Image Registration Algorithm with Subpixel Accuracy. IEEE Signal Processing Letters, 2015, 22, 1796-1800.	2.1	26
13	Performance across WorldView-2 and RapidEye for reproducible seagrass mapping. Remote Sensing of Environment, 2020, 250, 112036.	4.6	26
14	Fast Cascading Outage Screening Based on Deep Convolutional Neural Network and Depth-First Search. IEEE Transactions on Power Systems, 2020, 35, 2704-2715.	4.6	24
15	Robust Deep Learning for Improved Classification of AD/MCI Patients. Lecture Notes in Computer Science, 2014, , 240-247.	1.0	23
16	Deep Models for Engagement Assessment With Scarce Label Information. IEEE Transactions on Human-Machine Systems, 2017, 47, 598-605.	2.5	20
17	Generative Adversarial Network for Improving Deep Learning Based Malware Classification. , 2019, , .		20
18	Deep learning for effective detection of excavated soil related to illegal tunnel activities. , 2017, , .		19

#	ARTICLE	IF	CITATIONS
19	DeepMag: Sniffing Mobile Apps in Magnetic Field through Deep Convolutional Neural Networks. , 2018, , .		19
20	Flood Detection Using Multi-Modal and Multi-Temporal Images: A Comparative Study. Remote Sensing, 2020, 12, 2455.	1.8	18
21	Converting Optical Videos to Infrared Videos Using Attention GAN and Its Impact on Target Detection and Classification Performance. Remote Sensing, 2021, 13, 3257.	1.8	16
22	Performance Investigation of a Wearable Distributed-Deflection Sensor in Arterial Pulse Waveform Measurement. IEEE Sensors Journal, 2017, 17, 3994-4004.	2.4	15
23	Deep Learning with Synthetic Hyperspectral Images for Improved Soil Detection in Multispectral Imagery. , 2018, , .		15
24	Seagrass Detection in Coastal Water Through Deep Capsule Networks. Lecture Notes in Computer Science, 2018, , 320-331.	1.0	14
25	High-dimensional MRI data analysis using a large-scale manifold learning approach. Machine Vision and Applications, 2013, 24, 995-1014.	1.7	13
26	Combining Satellite Images with Feature Indices for Improved Change Detection. , 2018, , .		13
27	Semi-supervised Adversarial Domain Adaptation for Seagrass Detection Using Multispectral Images in Coastal Areas. Data Science and Engineering, 2020, 5, 111-125.	4.6	13
28	A Transfer Learning Approach for the 2018 FEMH Voice Data Challenge. , 2018, , .		12
29	Quantifying Seagrass Distribution in Coastal Water with Deep Learning Models. Remote Sensing, 2020, 12, 1581.	1.8	12
30	Temporal Stability of Seagrass Extent, Leaf Area, and Carbon Storage in St. Joseph Bay, Florida: a Semi-automated Remote Sensing Analysis. Estuaries and Coasts, 2022, 45, 2082-2101.	1.0	11
31	Deep Learning for Effective Refugee Tent Extraction Near Syriaâ€™Jordan Border. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1342-1346.	1.4	10
32	DeepCoast: Quantifying Seagrass Distribution in Coastal Water Through Deep Capsule Networks. Lecture Notes in Computer Science, 2018, , 404-416.	1.0	9
33	Prostate cancer region prediction by fusing results from MALDI spectraâ€™processing and texture analysis. Simulation, 2012, 88, 1247-1259.	1.1	6
34	Orientation invariant ECG-based stethoscope tracking for heart auscultation training on augmented standardized patients. Simulation, 2013, 89, 1450-1458.	1.1	6
35	Deep Learning for Pulmonary Nodule CT Image Retrieval â€™ An Online Assistance System for Novice Radiologists. , 2017, , .		6
36	Monitoring of Drought Change in the Middle Reach of Yangtze River. , 2018, , .		5

#	ARTICLE	IF	CITATIONS
37	Deep Learning for Remote Sensing Image Super-Resolution. , 2019, , .		5
38	DeepMag+: Sniffing mobile apps in magnetic field through deep learning. Pervasive and Mobile Computing, 2020, 61, 101106.	2.1	5
39	Wearable Sensor Gait Analysis of Fall Detection using Attention Network. , 2021, , .		5
40	Classification Based on Capsule Network with Hyperspectral Image. , 2019, , .		4
41	Semi-Supervised Adversarial Domain Adaptation for Seagrass Detection in Multispectral Images. , 2019, , .		3
42	Ship Deck Segmentation In Engineering Document Using Generative Adversarial Networks. , 2022, , .		3
43	The manifold learning for dimensionality reduction with hyperspectral image. , 2016, , .		2
44	Urban Functional Regions Using Social Media Check-Ins. , 2018, , .		2
45	Generative Adversarial Networks for Visible to Infrared Video Conversion. , 0, , .		2
46	Feature selection for RFID tag identification. , 2012, , .		1
47	Fuzzy logic approach and sensitivity analysis for agent-based crowd injury modeling. Simulation, 2014, 90, 320-336.	1.1	1
48	The tradeoff of accuracy with different landmarks with manifold learning. , 2016, , .		1
49	Deep Transfer Learning for Power Substation Recognition with Google Earth. , 2018, , .		1
50	Chinese Character Recognition Based on Residual Separable Convolutional Neural Network. , 2018, , .		1
51	Seagrass Propeller Scar Detection using Deep Convolutional Neural Network. , 2018, , .		1
52	A Manifold Learning Approach of Land Cover Classification for Optical and SAR Fusing Data. , 2018, , .		1
53	Land Price Prediction Based on Random Forest. , 2018, , .		1
54	Urban Functional Regions Discovering Based on Deep Learning. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
55	High-Performance Remote Radioactive Material Identification of Mixtures. IEEE Transactions on Nuclear Science, 2022, 69, 86-97.	1.2	1
56	An Active Learning Model for Seagrass Detection in Remote Sensing Imagery. , 2021, , .		1
57	Drought monitoring and warning in the middle reach of Yangtze River with MODIS. , 2015, , .		0
58	The application of ant colony algorithm in emergency rescue with GIS. , 2015, , .		0
59	The monitoring of land use and land cover change of Sichuan province and Chengdu district, China. , 2016, , .		0
60	A novel manifold learning for dimensionality reduction and classification with hyperspectral image. , 2016, , .		0
61	A New Urban Functional Regions Mining Method with MPETM. , 2018, , .		0
62	Land Price Assessment Based on Deep Neural Network. , 2019, , .		0
63	DHNet: High-resolution and hierarchical network for cross-domain OCT speckle noise reduction. Medical Physics, 0, , .	1.6	0