

Liang Zou

List of Publications by Year in descending order

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42
papers

1,176
citations

430874

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414414

32
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42
all docs

42
docs citations

42
times ranked

1631
citing authors

#	ARTICLE	IF	CITATIONS
1	DA-IMRN: Dual-Attention-Guided Interactive Multi-Scale Residual Network for Hyperspectral Image Classification. Remote Sensing, 2022, 14, 530.	4.0	5
2	Triple-Attention-Based Parallel Network for Hyperspectral Image Classification. Remote Sensing, 2021, 13, 324.	4.0	24
3	An Improved UNet++ Model for Congestive Heart Failure Diagnosis Using Short-Term RR Intervals. Diagnostics, 2021, 11, 534.	2.6	18
4	Maceral groups analysis of coal based on semantic segmentation of photomicrographs via the improved U-net. Fuel, 2021, 294, 120475.	6.4	21
5	An Improved Residual Network for Pork Freshness Detection Using Near-Infrared Spectroscopy. Entropy, 2021, 23, 1293.	2.2	10
6	Voice spoofing detection with raw waveform based on Dual Path Res2net. , 2021, , .		1
7	Removing Muscle Artifacts From EEG Data via Underdetermined Joint Blind Source Separation: A Simulation Study. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 187-191.	3.0	22
8	Learning Reward Function with Matching Network for Mapless Navigation. Sensors, 2020, 20, 3664.	3.8	12
9	Bidirectional Attention for Text-Dependent Speaker Verification. Sensors, 2020, 20, 6784.	3.8	8
10	Nondestructive Identification of Coal and Gangue via Near-infrared Spectroscopy based on Improved Broad Learning. IEEE Transactions on Instrumentation and Measurement, 2020, , 1-1.	4.7	32
11	Spectral-Spatial Exploration for Hyperspectral Image Classification via the Fusion of Fully Convolutional Networks. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 659-674.	4.9	53
12	Rapid discrimination of coal geographical origin via near-infrared spectroscopy combined with machine learning algorithms. Infrared Physics and Technology, 2020, 105, 103180.	2.9	7
13	3D Dense Separated Convolution Module for Volumetric Medical Image Analysis. Applied Sciences (Switzerland), 2020, 10, 485.	2.5	14
14	ICFS Clustering With Multiple Representatives for Large Data. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 728-738.	11.3	30
15	Intelligent Identification of Maceral Components of Coal Based on Image Segmentation and Classification. Applied Sciences (Switzerland), 2019, 9, 3245.	2.5	22
16	Channel Adversarial Training for Cross-channel Text-independent Speaker Recognition. , 2019, , .		25
17	Identification of Coal Geographical Origin Using Near Infrared Sensor Based on Broad Learning. Applied Sciences (Switzerland), 2019, 9, 1111.	2.5	8
18	Noise-Robust Wagon Text Extraction Based on Defect-Restore Generative Adversarial Network. IEEE Access, 2019, 7, 168236-168246.	4.2	4

#	ARTICLE	IF	CITATIONS
19	Intelligent Estimation of Vitrinite Reflectance of Coal from Photomicrographs Based on Machine Learning. <i>Energies</i> , 2019, 12, 3855.	3.1	3
20	Mid-level deep Food Part mining for food image recognition. <i>IET Computer Vision</i> , 2018, 12, 298-304.	2.0	17
21	Heterogeneous domain adaptation network based on autoencoder. <i>Journal of Parallel and Distributed Computing</i> , 2018, 117, 281-291.	4.1	11
22	Integrated Modeling of GC-Content, Mappability, Tumor Impurity and Aneuploidy for Accurate Detection of Genomic Aberrations. <i>IEEE Access</i> , 2018, 6, 64096-64106.	4.2	0
23	Discovery of Relationships Between Long Non-Coding RNAs and Genes in Human Diseases Based on Tensor Completion. <i>IEEE Access</i> , 2018, 6, 59152-59162.	4.2	23
24	Sparsity-Based Image Inpainting Detection via Canonical Correlation Analysis With Low-Rank Constraints. <i>IEEE Access</i> , 2018, 6, 49967-49978.	4.2	26
25	Video logo removal detection based on sparse representation. <i>Multimedia Tools and Applications</i> , 2018, 77, 29303-29322.	3.9	8
26	Underdetermined Joint Blind Source Separation of Multiple Datasets. <i>IEEE Access</i> , 2017, 5, 7474-7487.	4.2	20
27	Detection and quantification of offal content in ground beef meat using vibrational spectroscopic-based chemometric analysis. <i>Scientific Reports</i> , 2017, 7, 15162.	3.3	27
28	Simultaneous ocular and muscle artifact removal from EEG data by exploiting diverse statistics. <i>Computers in Biology and Medicine</i> , 2017, 88, 1-10.	7.0	40
29	3D CNN Based Automatic Diagnosis of Attention Deficit Hyperactivity Disorder Using Functional and Structural MRI. <i>IEEE Access</i> , 2017, 5, 23626-23636.	4.2	227
30	Deep learning based automatic diagnoses of attention deficit hyperactive disorder. , 2017, , .		13
31	Novel Flexible Wearable Sensor Materials and Signal Processing for Vital Sign and Human Activity Monitoring. <i>Sensors</i> , 2017, 17, 1622.	3.8	81
32	Novel Tactile Sensor Technology and Smart Tactile Sensing Systems: A Review. <i>Sensors</i> , 2017, 17, 2653.	3.8	194
33	Underdetermined Joint Blind Source Separation for Two Datasets Based on Tensor Decomposition. <i>IEEE Signal Processing Letters</i> , 2016, 23, 673-677.	3.6	18
34	Underdetermined joint blind source separation based on tensor decomposition. , 2016, , .		4
35	A Blind Source Separation Framework for Monitoring Heart Beat Rate Using Nanofiber-Based Strain Sensors. <i>IEEE Sensors Journal</i> , 2016, 16, 762-772.	4.7	18
36	A heart beat rate detection framework using multiple nanofiber sensor signals. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
37	Improving the performance of protein kinase identification via high dimensional protein-protein interactions and substrate structure data. <i>Molecular BioSystems</i> , 2014, 10, 694-702.	2.9	24
38	PKIS: computational identification of protein kinases for experimentally discovered protein phosphorylation sites. <i>BMC Bioinformatics</i> , 2013, 14, 247.	2.6	43
39	Prediction of protein kinase-specific phosphorylation sites using Random forest algorithm. , 2012, , .		0
40	Construction and analysis of human phosphorylation network. , 2012, , .		0
41	A gene signature for breast cancer prognosis using support vector machine. , 2012, , .		49
42	A genome-wide association study of Alzheimer's disease using random forests and enrichment analysis. <i>Science China Life Sciences</i> , 2012, 55, 618-625.	4.9	12