

# Liang Zou

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,176  
citations

430874

18  
h-index

414414

32  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1631  
citing authors

#	ARTICLE	IF	CITATIONS
1	3D CNN Based Automatic Diagnosis of Attention Deficit Hyperactivity Disorder Using Functional and Structural MRI. IEEE Access, 2017, 5, 23626-23636.	4.2	227
2	Novel Tactile Sensor Technology and Smart Tactile Sensing Systems: A Review. Sensors, 2017, 17, 2653.	3.8	194
3	Novel Flexible Wearable Sensor Materials and Signal Processing for Vital Sign and Human Activity Monitoring. Sensors, 2017, 17, 1622.	3.8	81
4	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
5	A gene signature for breast cancer prognosis using support vector machine. , 2012, , .		49
6	PKIS: computational identification of protein kinases for experimentally discovered protein phosphorylation sites. BMC Bioinformatics, 2013, 14, 247.	2.6	43
7	Simultaneous ocular and muscle artifact removal from EEG data by exploiting diverse statistics. Computers in Biology and Medicine, 2017, 88, 1-10.	7.0	40
8	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
9	ICFS Clustering With Multiple Representatives for Large Data. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 728-738.	11.3	30
10	Detection and quantification of offal content in ground beef meat using vibrational spectroscopic-based chemometric analysis. Scientific Reports, 2017, 7, 15162.	3.3	27
11	Sparsity-Based Image Inpainting Detection via Canonical Correlation Analysis With Low-Rank Constraints. IEEE Access, 2018, 6, 49967-49978.	4.2	26
12	Channel Adversarial Training for Cross-channel Text-independent Speaker Recognition. , 2019, , .		25
13	Improving the performance of protein kinase identification via high dimensional protein-protein interactions and substrate structure data. Molecular BioSystems, 2014, 10, 694-702.	2.9	24
14	Triple-Attention-Based Parallel Network for Hyperspectral Image Classification. Remote Sensing, 2021, 13, 324.	4.0	24
15	Discovery of Relationships Between Long Non-Coding RNAs and Genes in Human Diseases Based on Tensor Completion. IEEE Access, 2018, 6, 59152-59162.	4.2	23
16	Intelligent Identification of Maceral Components of Coal Based on Image Segmentation and Classification. Applied Sciences (Switzerland), 2019, 9, 3245.	2.5	22
17	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
18	Maceral groups analysis of coal based on semantic segmentation of photomicrographs via the improved U-net. Fuel, 2021, 294, 120475.	6.4	21

#	ARTICLE	IF	CITATIONS
19	Underdetermined Joint Blind Source Separation of Multiple Datasets. IEEE Access, 2017, 5, 7474-7487.	4.2	20
20	Underdetermined Joint Blind Source Separation for Two Datasets Based on Tensor Decomposition. IEEE Signal Processing Letters, 2016, 23, 673-677.	3.6	18
21	A Blind Source Separation Framework for Monitoring Heart Beat Rate Using Nanofiber-Based Strain Sensors. IEEE Sensors Journal, 2016, 16, 762-772.	4.7	18
22	An Improved UNet++ Model for Congestive Heart Failure Diagnosis Using Short-Term RR Intervals. Diagnostics, 2021, 11, 534.	2.6	18
23	Mid-level deep Food Part mining for food image recognition. IET Computer Vision, 2018, 12, 298-304.	2.0	17
24	3D Dense Separated Convolution Module for Volumetric Medical Image Analysis. Applied Sciences (Switzerland), 2020, 10, 485.	2.5	14
25	Deep learning based automatic diagnoses of attention deficit hyperactive disorder. , 2017, , .		13
26	A genome-wide association study of Alzheimer's disease using random forests and enrichment analysis. Science China Life Sciences, 2012, 55, 618-625.	4.9	12
27	Learning Reward Function with Matching Network for Mapless Navigation. Sensors, 2020, 20, 3664.	3.8	12
28	Heterogeneous domain adaptation network based on autoencoder. Journal of Parallel and Distributed Computing, 2018, 117, 281-291.	4.1	11
29	An Improved Residual Network for Pork Freshness Detection Using Near-Infrared Spectroscopy. Entropy, 2021, 23, 1293.	2.2	10
30	Video logo removal detection based on sparse representation. Multimedia Tools and Applications, 2018, 77, 29303-29322.	3.9	8
31	Identification of Coal Geographical Origin Using Near Infrared Sensor Based on Broad Learning. Applied Sciences (Switzerland), 2019, 9, 1111.	2.5	8
32	Bidirectional Attention for Text-Dependent Speaker Verification. Sensors, 2020, 20, 6784.	3.8	8
33	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
34	DA-IMRN: Dual-Attention-Guided Interactive Multi-Scale Residual Network for Hyperspectral Image Classification. Remote Sensing, 2022, 14, 530.	4.0	5
35	Underdetermined joint blind source separation based on tensor decomposition. , 2016, , .		4
36	Noise-Robust Wagon Text Extraction Based on Defect-Restore Generative Adversarial Network. IEEE Access, 2019, 7, 168236-168246.	4.2	4

#	ARTICLE	IF	CITATIONS
37	Intelligent Estimation of Vitrinite Reflectance of Coal from Photomicrographs Based on Machine Learning. <i>Energies</i> , 2019, 12, 3855.	3.1	3
38	A heart beat rate detection framework using multiple nanofiber sensor signals. , 2014, , .		2
39	Voice spoofing detection with raw waveform based on Dual Path Res2net. , 2021, , .		1
40	Prediction of protein kinase-specific phosphorylation sites using Random forest algorithm. , 2012, , .		0
41	Construction and analysis of human phosphorylation network. , 2012, , .		0
42	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