Hailong Li

List of Publications by Year
in descending order

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48 papers	1,032 citations	567281 15 h-index	477307 29 g-index
50 all docs	50 docs citations	50 times ranked	1392 citing authors

#	Article	IF	Citations
1	Transformer-Based High-Frequency Oscillation Signal Detection on Magnetoencephalography From Epileptic Patients. Frontiers in Molecular Biosciences, 2022, 9, 822810.	3.5	4
2	ConCeptCNN: A novel multiâ€filter convolutional neural network for the prediction of neurodevelopmental disorders using brain connectome. Medical Physics, 2022, 49, 3171-3184.	3.0	8
3	Multi-Contrast MRI Image Synthesis Using Switchable Cycle-Consistent Generative Adversarial Networks. Diagnostics, 2022, 12, 816.	2.6	9
4	DeepLiverNet: a deep transfer learning model for classifying liver stiffness using clinical and T2-weighted magnetic resonance imaging data in children and young adults. Pediatric Radiology, 2021, 51, 392-402.	2.0	10
5	Perinatal Risk and Protective Factors in the Development of Diffuse White Matter Abnormality on Term-Equivalent Age Magnetic Resonance Imaging in Infants Born Very Preterm. Journal of Pediatrics, 2021, 233, 58-65.e3.	1.8	23
6	Automatic Segmentation of Diffuse White Matter Abnormality on T2-weighted Brain MR Images Using Deep Learning in Very Preterm Infants. Radiology: Artificial Intelligence, 2021, 3, e200166.	5.8	7
7	Detecting High Frequency Oscillations for Stereoelectroencephalography in Epilepsy via Hypergraph Learning. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 587-596.	4.9	12
8	Diffuse white matter abnormality in very preterm infants at term reflects reduced brain network efficiency. NeuroImage: Clinical, 2021, 31, 102739.	2.7	6
9	Deep Multimodal Learning From MRI and Clinical Data for Early Prediction of Neurodevelopmental Deficits in Very Preterm Infants. Frontiers in Neuroscience, 2021, 15, 753033.	2.8	14
10	A Novel MEGNet for Classification of High-Frequency Oscillations in Magnetoencephalography of Epileptic Patients. Complexity, 2020, 2020, 1-9.	1.6	6
11	Early Prediction of Cognitive Deficit in Very Preterm Infants Using Brain Structural Connectome With Transfer Learning Enhanced Deep Convolutional Neural Networks. Frontiers in Neuroscience, 2020, 14, 858.	2.8	13
12	Multi-Head Self-Attention Model for Classification of Temporal Lobe Epilepsy Subtypes. Frontiers in Physiology, 2020, 11, 604764.	2.8	10
13	A multi-task, multi-stage deep transfer learning model for early prediction of neurodevelopment in very preterm infants. Scientific Reports, 2020, 10, 15072.	3.3	26
14	Automatic and Accurate Epilepsy Ripple and Fast Ripple Detection via Virtual Sample Generation and Attention Neural Networks. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1710-1719.	4.9	13
15	Multichannel Deep Attention Neural Networks for the Classification of Autism Spectrum Disorder Using Neuroimaging and Personal Characteristic Data. Complexity, 2020, 2020, 1-9.	1.6	50
16	Antecedents of Objectively Diagnosed Diffuse White Matter Abnormality in Very Preterm Infants. Pediatric Neurology, 2020, 106, 56-62.	2.1	9
17	Objective and Automated Detection of Diffuse White Matter Abnormality in Preterm Infants Using Deep Convolutional Neural Networks. Frontiers in Neuroscience, 2019, 13, 610.	2.8	13
18	Machine Learning Prediction of Liver Stiffness Using Clinical and T2-Weighted MRI Radiomic Data. American Journal of Roentgenology, 2019, 213, 592-601.	2.2	37

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19	Enhancing Diagnosis of Autism With Optimized Machine Learning Models and Personal Characteristic Data. Frontiers in Computational Neuroscience, 2019, 13, 9.	2.1	74
20	A Multichannel Deep Neural Network Model Analyzing Multiscale Functional Brain Connectome Data for Attention Deficit Hyperactivity Disorder Detection. Radiology: Artificial Intelligence, 2019, 2, e190012.	5.8	29
21	Early prediction of cognitive deficits in very preterm infants using functional connectome data in an artificial neural network framework. NeuroImage: Clinical, 2018, 18, 290-297.	2.7	60
22	Feasibility of a plasma bioassay to assess oxidative protection of low-density lipoproteins by high-density lipoproteins. Journal of Clinical Lipidology, 2018, 12, 1539-1548.	1.5	17
23	A Stacked Sparse Autoencoder-Based Detector for Automatic Identification of Neuromagnetic High Frequency Oscillations in Epilepsy. IEEE Transactions on Medical Imaging, 2018, 37, 2474-2482.	8.9	34
24	High-Density Lipoproteins-Associated Proteins and Subspecies Related to Arterial Stiffness in Young Adults with Type 2 Diabetes Mellitus. Complexity, 2018, 2018, 1-14.	1.6	0
25	A Novel Transfer Learning Approach to Enhance Deep Neural Network Classification of Brain Functional Connectomes. Frontiers in Neuroscience, 2018, 12, 491.	2.8	114
26	Mapping Atheroprotective Functions and Related Proteins/Lipoproteins in Size Fractionated Human Plasma. Molecular and Cellular Proteomics, 2017, 16, 680-693.	3.8	28
27	Apolipoprotein A-II alters the proteome of human lipoproteins and enhances cholesterol efflux from ABCA1. Journal of Lipid Research, 2017, 58, 1374-1385.	4.2	50
28	Diagnosing Autism Spectrum Disorder from Brain Resting-State Functional Connectivity Patterns Using a Deep Neural Network with a Novel Feature Selection Method. Frontiers in Neuroscience, 2017, 11, 460.	2.8	152
29	Impact of genetic deletion of platform apolipoproteins on the size distribution of the murine lipoproteome. Journal of Proteomics, 2016, 146, 184-194.	2.4	8
30	Network Analysis and Applications in Pediatric Research. Translational Bioinformatics, 2016, , 251-274.	0.0	0
31	Abstract 547: Proteomic Correlation of Gel Filtration Lipoprotein Subfractions with Atheroprotective Functions of HDL. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, .	2.4	0
32	Network-Based Analysis on Orthogonal Separation of Human Plasma Uncovers Distinct High Density Lipoprotein Complexes. Journal of Proteome Research, 2015, 14, 3082-3094.	3.7	19
33	A Comparison of the Mouse and Human Lipoproteome: Suitability of the Mouse Model for Studies of Human Lipoproteins. Journal of Proteome Research, 2015, 14, 2686-2695.	3.7	83
34	Error minimization and energy conservation by predicting data in wireless body sensor networks using artificial neural network and analysis of error. , 2014, , .		8
35	Effects of femtocell deployment on interference to macrocell users in a cellular network. , 2013, , .		5
36	Distributed Topology-Based Resource Allocation for a Femtocell-Based Cellular Network. , 2013, , .		1

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37	A novel characteristic correlation approach for aggregating data in wireless sensor networks. , 2013, , .		1
38	Parallel EPI artifact correction (PEAC) for N/2 ghost suppression in neuroimaging applications. Magnetic Resonance Imaging, 2013, 31, 1022-1028.	1.8	9
39	A Cluster-Aware Soft Frequency Reuse scheme for inter-cell interference mitigation in LTE based femtocell networks. , 2013, , .		5
40	Gaussian distributed deployment of relay nodes for wireless Visual Sensor Networks. , 2012, , .		6
41	Hybrid Gaussian-Ring Deployment for intrusion detection in wireless sensor networks. , 2012, , .		9
42	Lifetime optimization of Wireless Sensor Networks with packet propagation table. , 2012, , .		1
43	Base-station Location Anonymity and Security Technique (BLAST) for Wireless Sensor Networks. , 2012, , .		15
44	A Reverse Gaussian deployment strategy for intrusion detection in wireless sensor networks. , 2012, , .		4
45	APCAPT: Asymmetric power control against packet tracer attacks for base station location anonymity. , 2012, , .		3
46	Deployment Optimization Strategy for a Two-Tier Wireless Visual Sensor Network. Wireless Sensor Network, 2012, 04, 91-106.	1.3	12
47	Fractional Frequency Reuse to Mitigate Interference in Self-Configuring LTE-Femtocells Network. , 2011, , .		13
48	A Global Optimization Algorithm Based on Novel Interval Analysis for Training Neural Networks. , 2007, , 286-295.		2