

Dewen Hu

List of Publications by Year in descending order

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316
papers

10,523
citations

29994

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43802

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all docs

327
docs citations

327
times ranked

11555
citing authors

#	ARTICLE	IF	CITATIONS
1	Notice of Violation of IEEE Publication Principles: Multiobjective Reinforcement Learning: A Comprehensive Overview. IEEE Transactions on Cybernetics, 2024, , 1-13.	6.2	13
2	Few-Shot Domain-Adaptive Anomaly Detection for Cross-Site Brain Images. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2024, 46, 1819-1835.	9.7	8
3	Semi-Supervised Learning With Label Proportion. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 877-890.	4.0	1
4	A Pose-Only Solution to Visual Reconstruction and Navigation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 73-86.	9.7	8
5	Aberrant temporal-spatial complexity of intrinsic fluctuations in major depression. European Archives of Psychiatry and Clinical Neuroscience, 2023, 273, 169-181.	1.8	2
6	Self-Paced Dynamic Infinite Mixture Model for Fatigue Evaluation of Pilots' Brains. IEEE Transactions on Cybernetics, 2022, 52, 5623-5638.	6.2	44
7	Informative Feature Disentanglement for Unsupervised Domain Adaptation. IEEE Transactions on Multimedia, 2022, 24, 2407-2421.	5.2	16
8	Deep Ladder-Suppression Network for Unsupervised Domain Adaptation. IEEE Transactions on Cybernetics, 2022, 52, 10735-10749.	6.2	10
9	Deep transfer learning for cerebral cortex using area-preserving geometry mapping. Cerebral Cortex, 2022, 32, 2972-2984.	1.6	7
10	Attentional Feature Refinement and Alignment Network for Aircraft Detection in SAR Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	2.7	15
11	Clinical Validation of BCI-Controlled Wheelchairs in Subjects With Severe Spinal Cord Injury. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 579-589.	2.7	10
12	Facial Kinship Verification: A Comprehensive Review and Outlook. International Journal of Computer Vision, 2022, 130, 1494-1525.	10.9	9
13	DC-tCNN: A Deep Model for EEG-Based Detection of Dim Targets. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 1727-1736.	2.7	3
14	Learning to Detect 3D Symmetry From Single-View RGB-D Images With Weak Supervision. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-15.	9.7	22
15	Nonparametric Bayesian Prior Inducing Deep Network for Automatic Detection of Cognitive Status. IEEE Transactions on Cybernetics, 2021, 51, 5483-5496.	6.2	45
16	Dual-branch combination network (DCN): Towards accurate diagnosis and lesion segmentation of COVID-19 using CT images. Medical Image Analysis, 2021, 67, 101836.	7.0	129
17	Brain parcellation driven by dynamic functional connectivity better capture intrinsic network dynamics. Human Brain Mapping, 2021, 42, 1416-1433.	1.9	17
18	Dynamic neural circuit disruptions associated with antisocial behaviors. Human Brain Mapping, 2021, 42, 329-344.	1.9	7

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19	Joint Embedding Learning and Low-Rank Approximation: A Framework for Incomplete Multiview Learning. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 1690-1703.	6.2	24
20	Joint Clustering and Discriminative Feature Alignment for Unsupervised Domain Adaptation. <i>IEEE Transactions on Image Processing</i> , 2021, 30, 7842-7855.	6.0	26
21	Enhancing ISAR Image Efficiently via Convolutional Reweighted l_1 Minimization. <i>IEEE Transactions on Image Processing</i> , 2021, 30, 4291-4304.	6.0	16
22	Removal of Micro-Doppler Effect of ISAR Image Based on Laplacian Regularized Nonconvex Low-Rank Representation. <i>IEEE Transactions on Image Processing</i> , 2021, 30, 6446-6458.	6.0	10
23	The neuroprogressive nature of major depressive disorder: evidence from an intrinsic connectome analysis. <i>Translational Psychiatry</i> , 2021, 11, 102.	2.4	19
24	Machine learning based on clinical characteristics and chest CT quantitative measurements for prediction of adverse clinical outcomes in hospitalized patients with COVID-19. <i>European Radiology</i> , 2021, 31, 7925-7935.	2.3	13
25	Functional connectivity evidence for state-independent executive function deficits in patients with major depressive disorder. <i>Journal of Affective Disorders</i> , 2021, 291, 76-82.	2.0	8
26	Autism Spectrum Disorder Studies Using fMRI Data and Machine Learning: A Review. <i>Frontiers in Neuroscience</i> , 2021, 15, 697870.	1.4	29
27	Prediction the Age of Human Brains from Gene Expression. <i>Communications in Computer and Information Science</i> , 2021, , 339-347.	0.4	0
28	A Dynamic User Interface Based BCI Environmental Control System. <i>International Journal of Human-Computer Interaction</i> , 2020, 36, 55-66.	3.3	19
29	An ERP-based BCI with peripheral stimuli: validation with ALS patients. <i>Cognitive Neurodynamics</i> , 2020, 14, 21-33.	2.3	27
30	Functional Parcellation of Human Brain Precuneus Using Density-Based Clustering. <i>Cerebral Cortex</i> , 2020, 30, 269-282.	1.6	37
31	3D human pose estimation by depth map. <i>Visual Computer</i> , 2020, 36, 1401-1410.	2.5	8
32	Novel hybrid brain-computer interface system based on motor imagery and P300. <i>Cognitive Neurodynamics</i> , 2020, 14, 253-265.	2.3	27
33	State-Independent and -Dependent Structural Connectivity Alterations in Depression. <i>Frontiers in Psychiatry</i> , 2020, 11, 568717.	1.3	2
34	Uniform Pooling for Graph Networks. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6287.	1.3	3
35	A Deep Network Model on Dynamic Functional Connectivity With Applications to Gender Classification and Intelligence Prediction. <i>Frontiers in Neuroscience</i> , 2020, 14, 881.	1.4	22
36	Enhanced Regional Functional Connectivity Indicates Seizure Onset Zone. <i>Brain Topography</i> , 2020, 33, 545-557.	0.8	1

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37	State-Independent Microstructural White Matter Abnormalities in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2020, 11, 431.	1.3	6
38	Anesthesia enhances spontaneous low-frequency oscillations in the brain. <i>NeuroReport</i> , 2020, 31, 394-398.	0.6	3
39	A self-paced BCI prototype system based on the incorporation of an intelligent environment-understanding approach for rehabilitation hospital environmental control. <i>Computers in Biology and Medicine</i> , 2020, 118, 103618.	3.9	17
40	Bayesian fusion and multimodal DCM for EEG and fMRI. <i>NeuroImage</i> , 2020, 211, 116595.	2.1	30
41	Precise Targeting of Single Microelectrodes to Orientation Pinwheel Centers. <i>Bio-protocol</i> , 2020, 10, e3643.	0.2	1
42	Motor Cortex Mapping in Patients With Hepatic Myelopathy After Transjugular Intrahepatic Portosystemic Shunt. <i>Academic Radiology</i> , 2019, 26, e38-e46.	1.3	0
43	Experimental Comparisons of Sparse Dictionary Learning and Independent Component Analysis for Brain Network Inference From fMRI Data. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 289-299.	2.5	54
44	An Tactile ERP-Based Brain-Computer Interface for Communication. <i>International Journal of Human-Computer Interaction</i> , 2019, 35, 559-567.	3.3	8
45	Safe Classification with Augmented Features. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019, 41, 2176-2192.	9.7	24
46	Toward Brain-Actuated Mobile Platform. <i>International Journal of Human-Computer Interaction</i> , 2019, 35, 846-858.	3.3	7
47	Pathological Between-Network Positive Connectivity in Early Type 2 Diabetes Patients Without Cerebral Small Vessel Diseases. <i>Frontiers in Neuroscience</i> , 2019, 13, 731.	1.4	8
48	Correlation-based channel selection and regularized feature optimization for MI-based BCI. <i>Neural Networks</i> , 2019, 118, 262-270.	3.3	238
49	Dissociating individual connectome traits using low-rank learning. <i>Brain Research</i> , 2019, 1722, 146348.	1.1	4
50	Dense-CAM: Visualize the Gender of Brains with MRI Images. , 2019, , .		5
51	EEG-Based Visual Classification with Recurrent Neural Network. , 2019, , .		2
52	A Robust Multi-Subject fMRI Analysis Method Using Dimensional Optimization. <i>IEEE Access</i> , 2019, 7, 125762-125770.	2.6	1
53	Subdomains within orientation columns of primary visual cortex. <i>Science Advances</i> , 2019, 5, eaaw0807.	4.7	19
54	An Asynchronous Hybrid Spelling Approach Based on EEG-EOG Signals for Chinese Character Input. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 1292-1302.	2.7	59

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55	Independency of Functional Connectivity States on Spatiotemporal Resolution of fMRI Data. Communications in Computer and Information Science, 2019, , 370-380.	0.4	0
56	Functional parcellation of the hippocampus from resting-state dynamic functional connectivity. Brain Research, 2019, 1715, 165-175.	1.1	26
57	Gender Identification of Human Cortical 3-D Morphology Using Hierarchical Sparsity. Frontiers in Human Neuroscience, 2019, 13, 29.	1.0	13
58	Retinotopic and topographic analyses with gaze restriction for steady-state visual evoked potentials. Scientific Reports, 2019, 9, 4472.	1.6	13
59	A Novel Single-Character Visual BCI Paradigm With Multiple Active Cognitive Tasks. IEEE Transactions on Biomedical Engineering, 2019, 66, 3119-3128.	2.5	8
60	fMRI functional connectivity as an indicator of interictal epileptic discharges. NeuroImage: Clinical, 2019, 24, 102038.	1.4	10
61	Distinct hemispheric specialization of functional connectivity in schizophrenia with and without auditory verbal hallucinations. NeuroReport, 2019, 30, 1294-1298.	0.6	2
62	Gender identification based on human brain structural MRI with a multi-layer 3D convolution extreme learning machine. Cognitive Computation and Systems, 2019, 1, 91-96.	0.8	6
63	Changes in default mode network connectivity in different glucose metabolism status and diabetes duration. NeuroImage: Clinical, 2019, 21, 101629.	1.4	31
64	Multivariate Pattern Analysis of Whole-Brain Functional Connectivity in Major Depression. , 2019, , 17-33.		0
65	Deep Discriminant Autoencoder Network for Multi-site fMRI Classification. , 2019, , 227-258.		0
66	Multi-task Learning of Structural MRI for Multi-site Classification. , 2019, , 205-226.		1
67	Locality Preserving Projection of Functional Connectivity for Regression. , 2019, , 123-147.		0
68	Sparse Representation of Dynamic Functional Connectivity in Depression. , 2019, , 169-181.		0
69	Locally Linear Embedding of Functional Connectivity for Classification. , 2019, , 83-102.		0
70	Locally Linear Embedding of Anatomical Connectivity for Classification. , 2019, , 103-122.		0
71	Intrinsic Discriminant Analysis of Functional Connectivity for Multiclass Classification. , 2019, , 149-168.		0
72	Discriminative Analysis of Nonlinear Functional Connectivity in Schizophrenia. , 2019, , 35-54.		0

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73	Predicting Individual Brain Maturity Using Window-Based Dynamic Functional Connectivity. , 2019, , 55-81.		0
74	Gender Identification of Human Brain Image with A Novel 3D Descriptor. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 551-561.	1.9	8
75	Impact of global signal regression on characterizing dynamic functional connectivity and brain states. NeuroImage, 2018, 173, 127-145.	2.1	41
76	Towards correlation-based time window selection method for motor imagery BCIs. Neural Networks, 2018, 102, 87-95.	3.3	127
77	Multi-Site Diagnostic Classification of Schizophrenia Using Discriminant Deep Learning with Functional Connectivity MRI. EBioMedicine, 2018, 30, 74-85.	2.7	206
78	Impact of 36h of total sleep deprivation on resting-state dynamic functional connectivity. Brain Research, 2018, 1688, 22-32.	1.1	28
79	Usage of drip drops as stimuli in an auditory P300 BCI paradigm. Cognitive Neurodynamics, 2018, 12, 85-94.	2.3	26
80	ELSTM-Based Visual Decoding from Singal-Trial EEG Recording. , 2018, , .		1
81	An Asynchronous Control Paradigm Based on Sequential Motor Imagery and Its Application in Wheelchair Navigation. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 2367-2375.	2.7	47
82	Multi-Center Brain Imaging Classification Using a Novel 3D CNN Approach. IEEE Access, 2018, 6, 49925-49934.	2.6	40
83	Anatomical-Connectivity Based Parcellation of Hippocampus and Medial Temporal Lobe Epilepsy Classification. , 2018, , .		0
84	Classification of multi-site MR images in the presence of heterogeneity using multi-task learning. NeuroImage: Clinical, 2018, 19, 476-486.	1.4	25
85	Towards BCI-actuated smart wheelchair system. BioMedical Engineering OnLine, 2018, 17, 111.	1.3	68
86	Functional connectivity changes in the entorhinal cortex of taxi drivers. Brain and Behavior, 2018, 8, e01022.	1.0	9
87	DiffusionNet: Establish Convolutional Networks with Nitric Oxide Diffusion Model. Lecture Notes in Computer Science, 2018, , 252-261.	1.0	0
88	Differentiating Patients with Parkinson's Disease from Normal Controls Using Gray Matter in the Cerebellum. Cerebellum, 2017, 16, 151-157.	1.4	29
89	Altered default mode, fronto-parietal and salience networks in adolescents with Internet addiction. Addictive Behaviors, 2017, 70, 1-6.	1.7	51
90	Changes in the cerebellar and cerebro-cerebellar circuit in type 2 diabetes. Brain Research Bulletin, 2017, 130, 95-100.	1.4	29

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91	Toward a Hybrid BCI: Self-Paced Operation of a P300-based Speller by Merging a Motor Imagery-Based "Brain Switch" into a P300 Spelling Approach. <i>International Journal of Human-Computer Interaction</i> , 2017, 33, 623-632.	3.3	16
92	Reduced White Matter Integrity in Antisocial Personality Disorder: A Diffusion Tensor Imaging Study. <i>Scientific Reports</i> , 2017, 7, 43002.	1.6	36
93	Making group inferences using sparse representation of resting-state functional MRI data with application to sleep deprivation. <i>Human Brain Mapping</i> , 2017, 38, 4671-4689.	1.9	17
94	Functional network connectivity alterations in schizophrenia and depression. <i>Psychiatry Research - Neuroimaging</i> , 2017, 263, 113-120.	0.9	40
95	Mapping the convergent temporal epileptic network in left and right temporal lobe epilepsy. <i>Neuroscience Letters</i> , 2017, 639, 179-184.	1.0	12
96	Salient Region Detection Using Diffusion Process on a Two-Layer Sparse Graph. <i>IEEE Transactions on Image Processing</i> , 2017, 26, 5882-5894.	6.0	79
97	Self-Paced Operation of a Wheelchair Based on a Hybrid Brain-Computer Interface Combining Motor Imagery and P300 Potential. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017, 25, 2516-2526.	2.7	82
98	Group-wise sparse representation of resting-state fMRI data for better understanding of schizophrenia. , 2017, , .		2
99	Radiation-induced cerebellar "cerebral functional connectivity alterations in nasopharyngeal carcinoma patients. <i>NeuroReport</i> , 2017, 28, 705-711.	0.6	18
100	Blind source separation of functional MRI scans of the human brain based on canonical correlation analysis. <i>Neurocomputing</i> , 2017, 269, 220-225.	3.5	6
101	Disrupted functional connectome in antisocial personality disorder. <i>Brain Imaging and Behavior</i> , 2017, 11, 1071-1084.	1.1	15
102	Anatomical-connectivity based parcellation of hippocampus and medial temporal lobe epilepsy classification. , 2017, , .		0
103	Detect visual field using eye tracking and steady-state visual evoked potential. , 2017, , .		1
104	An improved group BSS-CCA method for blind source separation of functional MRI scans of the human brain. , 2017, , .		4
105	Lifespan Development of the Human Brain Revealed by Large-Scale Network Eigen-Entropy. <i>Entropy</i> , 2017, 19, 471.	1.1	9
106	Gender Identification Based on Human Structural MRI with a Multi-layers-vote Algorithm. <i>Communications in Computer and Information Science</i> , 2017, , 502-508.	0.4	1
107	Component Selection in Blind Source Separation of Brain Imaging Data. <i>Lecture Notes in Computer Science</i> , 2017, , 589-596.	1.0	0
108	Altered Effective Connectivity among Core Neurocognitive Networks in Idiopathic Generalized Epilepsy: An fMRI Evidence. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 447.	1.0	17

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109	Altered cerebellar-cerebral functional connectivity in benign adult familial myoclonic epilepsy. <i>Epilepsia</i> , 2016, 57, 941-948.	2.6	25
110	A Novel Brain-Computer Interface Approach Designed for Dynamic Target Selection. , 2016, , .		0
111	A Self-Paced Brain-Computer Interface Speller by Combining Motor Imagery and P300 Potential. , 2016, , .		8
112	Radiation-induced functional connectivity alterations in nasopharyngeal carcinoma patients with radiotherapy. <i>Medicine (United States)</i> , 2016, 95, e4275.	0.4	26
113	Extended local binary patterns for face recognition. <i>Information Sciences</i> , 2016, 358-359, 56-72.	4.0	111
114	Reduced cortical thickness and increased surface area in antisocial personality disorder. <i>Neuroscience</i> , 2016, 337, 143-152.	1.1	25
115	Introduction to the Special Issue on Unmanned Intelligent Vehicles in China. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2016, 17, 2020-2021.	4.7	1
116	Toward brain-actuated car applications: Self-paced control with a motor imagery-based brain-computer interface. <i>Computers in Biology and Medicine</i> , 2016, 77, 148-155.	3.9	40
117	Brain responses to facial attractiveness induced by facial proportions: evidence from an fMRI study. <i>Scientific Reports</i> , 2016, 6, 35905.	1.6	33
118	Heredity characteristics of schizophrenia shown by dynamic functional connectivity analysis of resting-state functional MRI scans of unaffected siblings. <i>NeuroReport</i> , 2016, 27, 843-848.	0.6	34
119	A P300-Based Brain-Computer Interface for Chinese Character Input. <i>International Journal of Human-Computer Interaction</i> , 2016, 32, 878-884.	3.3	10
120	Brain Pattern Analysis Based on Magnetic Resonance Imaging. <i>Advances in Cognitive Neurodynamics</i> , 2016, , 49-51.	0.1	0
121	An Auditory-Tactile Visual Saccade-Independent P300 Brain-Computer Interface. <i>International Journal of Neural Systems</i> , 2016, 26, 1650001.	3.2	83
122	Changes in functional connectivity dynamics associated with vigilance network in taxi drivers. <i>NeuroImage</i> , 2016, 124, 367-378.	2.1	61
123	Default network connectivity decodes brain states with simulated microgravity. <i>Cognitive Neurodynamics</i> , 2016, 10, 113-120.	2.3	11
124	Decoding Brain States with Simulated Microgravity from Baseline Using Functional Connectivity of Default Network. <i>Advances in Cognitive Neurodynamics</i> , 2016, , 325-330.	0.1	7
125	Negative hemodynamic response in the cortex: evidence opposing neuronal deactivation revealed via optical imaging and electrophysiological recording. <i>Journal of Neurophysiology</i> , 2015, 114, 2152-2161.	0.9	21
126	Evidence of a dissociation pattern in default mode subnetwork functional connectivity in schizophrenia. <i>Scientific Reports</i> , 2015, 5, 14655.	1.6	59

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127	Co-Expressing Patterns of Schizophrenia Candidate Genes in Brain Regions. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015, 12, 155-159.	0.4	0
128	Gray Matter Loss and Related Functional Connectivity Alterations in A Chinese Family With Benign Adult Familial Myoclonic Epilepsy. <i>Medicine (United States)</i> , 2015, 94, e1767.	0.4	7
129	Predicting clinical responses in major depression using intrinsic functional connectivity. <i>NeuroReport</i> , 2015, 26, 675-680.	0.6	35
130	Anticorrelated networks in resting-state fMRI-BOLD data. <i>Bio-Medical Materials and Engineering</i> , 2015, 26, S1201-S1211.	0.4	9
131	Predicting individual brain maturity using dynamic functional connectivity. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 418.	1.0	97
132	State-dependent and trait-related gray matter changes in nonrefractory depression. <i>NeuroReport</i> , 2015, 26, 57-65.	0.6	19
133	EEG-Based Perceived Tactile Location Prediction. <i>IEEE Transactions on Autonomous Mental Development</i> , 2015, 7, 342-348.	2.3	9
134	Spatio-temporal analysis of spontaneous low frequency oscillations to single whisker stimulation in rat cerebral cortex. , 2015, , .		0
135	Fusing Sorted Random Projections for Robust Texture and Material Classification. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2015, 25, 482-496.	5.6	18
136	Multiobjective Reinforcement Learning: A Comprehensive Overview. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2015, 45, 385-398.	5.9	167
137	A Hybrid Brain-Computer Interface Based on the Fusion of P300 and SSVEP Scores. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2015, 23, 693-701.	2.7	148
138	Salient Region Detection via Integrating Diffusion-Based Compactness and Local Contrast. <i>IEEE Transactions on Image Processing</i> , 2015, 24, 3308-3320.	6.0	105
139	Multivariate pattern analysis reveals anatomical connectivity differences between the left and right mesial temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , 2015, 7, 555-561.	1.4	20
140	Decoding the processing of lying using functional connectivity MRI. <i>Behavioral and Brain Functions</i> , 2015, 11, 1.	1.4	38
141	Improve scene classification by using feature and kernel combination. <i>Neurocomputing</i> , 2015, 170, 213-220.	3.5	11
142	Altered functional connectivity among default, attention, and control networks in idiopathic generalized epilepsy. <i>Epilepsy and Behavior</i> , 2015, 46, 118-125.	0.9	39
143	Including Signal Intensity Increases the Performance of Blind Source Separation on Brain Imaging Data. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 551-563.	5.4	13
144	A novel Morse code-inspired method for multiclass motor imagery brain-computer interface (BCI) design. <i>Computers in Biology and Medicine</i> , 2015, 66, 11-19.	3.9	28

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145	Large-scale functional brain network changes in taxi drivers: Evidence from resting-state fMRI. Human Brain Mapping, 2015, 36, 862-871.	1.9	24
146	A Dynamically Optimized SSVEP Brain-Computer Interface (BCI) Speller. IEEE Transactions on Biomedical Engineering, 2015, 62, 1447-1456.	2.5	194
147	Adaptive NN Control of a Class of Nonlinear Systems With Asymmetric Saturation Actuators. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1532-1538.	7.2	166
148	The Potential of Using Brain Images for Authentication. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	1
149	Hybrid Brain-Computer Interface (BCI) based on the EEG and EOG signals. Bio-Medical Materials and Engineering, 2014, 24, 2919-2925.	0.4	18
150	A novel task-oriented optimal design for P300-based brain-computer interfaces. Journal of Neural Engineering, 2014, 11, 056003.	1.8	37
151	Neurobiological basis of head motion in brain imaging. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6058-6062.	3.3	265
152	A Novel Steady-State Visually Evoked Potential-Based Brain-Computer-Interface Paradigm to Steer a Humanoid Robot. , 2014, , .		3
153	Abnormality of inter-network dynamic interaction in resting-state brains of schizophrenic patients. , 2014, , .		0
154	Schizophrenia Candidate Genes Specific to Human Brain Region are Restricted to Basal Ganglia. Journal of Computational and Theoretical Nanoscience, 2014, 11, 2414-2418.	0.4	0
155	A New Technique for INS/GNSS Attitude and Parameter Estimation Using Online Optimization. IEEE Transactions on Signal Processing, 2014, 62, 2642-2655.	3.2	76
156	IF: isolating fault nodes with mobile scanner. International Journal of Communication Systems, 2014, 27, 592-605.	1.6	1
157	Disruptive changes of cerebellar functional connectivity with the default mode network in schizophrenia. Schizophrenia Research, 2014, 160, 67-72.	1.1	78
158	Internetwork dynamic connectivity effectively differentiates schizophrenic patients from healthy controls. NeuroReport, 2014, 25, 1344-1349.	0.6	24
159	Decreased white matter integrity in mesial temporal lobe epilepsy. NeuroReport, 2014, 25, 788-794.	0.6	14
160	Stimulus-dependent modulation of spontaneous low-frequency oscillations in the rat visual cortex. NeuroReport, 2014, 25, 823-828.	0.6	6
161	Gait cadence detection based on surface electromyography (sEMG) of lower limb muscles. , 2014, , .		1
162	Hemodynamic and electrophysiological spontaneous low-frequency oscillations in the cortex: Directional influences revealed by Granger causality. NeuroImage, 2014, 85, 810-822.	2.1	13

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163	Altered default mode and fronto-parietal network subsystems in patients with schizophrenia and their unaffected siblings. <i>Brain Research</i> , 2014, 1562, 87-99.	1.1	71
164	Action recognition by hidden temporal models. <i>Visual Computer</i> , 2014, 30, 1395-1404.	2.5	21
165	Learning Effective Event Models to Recognize a Large Number of Human Actions. <i>IEEE Transactions on Multimedia</i> , 2014, 16, 147-158.	5.2	19
166	A Speedy Hybrid BCI Spelling Approach Combining P300 and SSVEP. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 473-483.	2.5	120
167	Unsupervised classification of major depression using functional connectivity MRI. <i>Human Brain Mapping</i> , 2014, 35, 1630-1641.	1.9	158
168	Impaired Frontal-Basal Ganglia Connectivity in Adolescents with Internet Addiction. <i>Scientific Reports</i> , 2014, 4, 5027.	1.6	58
169	Multiclass Pattern Analysis of Whole-Brain Functional Connectivity of Schizophrenia and Their Healthy Siblings. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 25-34.	0.5	0
170	Graph-based image segmentation using directional nearest neighbor graph. <i>Science China Information Sciences</i> , 2013, 56, 1-10.	2.7	6
171	Scene recognition combining structural and textural features. <i>Science China Information Sciences</i> , 2013, 56, 1-14.	2.7	5
172	New insight at level set & Gaussian mixture model for natural image segmentation. <i>Signal, Image and Video Processing</i> , 2013, 7, 521-536.	1.7	9
173	A novel hybrid BCI speller based on the incorporation of SSVEP into the P300 paradigm. <i>Journal of Neural Engineering</i> , 2013, 10, 026012.	1.8	172
174	Altered cerebellar cerebral resting-state functional connectivity reliably identifies major depressive disorder. <i>Brain Research</i> , 2013, 1495, 86-94.	1.1	79
175	A Treatment-Resistant Default Mode Subnetwork in Major Depression. <i>Biological Psychiatry</i> , 2013, 74, 48-54.	0.7	295
176	Functional connectivity-based signatures of schizophrenia revealed by multiclass pattern analysis of resting-state fMRI from schizophrenic patients and their healthy siblings. <i>BioMedical Engineering OnLine</i> , 2013, 12, 10.	1.3	57
177	Scene classification using a multi-resolution bag-of-features model. <i>Pattern Recognition</i> , 2013, 46, 424-433.	5.1	131
178	Scene classification using multi-resolution low-level feature combination. <i>Neurocomputing</i> , 2013, 122, 284-297.	3.5	27
179	Altered spontaneous activity in antisocial personality disorder revealed by regional homogeneity. <i>NeuroReport</i> , 2013, 24, 590-595.	0.6	15
180	Balancing an Inverted Pendulum with an EEG-Based BCI. , 2013, , .		2

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