

# Cheng Luo

## List of Publications by Year in Descending Order

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**Version:** 2024-04-10

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

142 papers	3,746 citations	34 h-index	56 g-index
161 ext. papers	4,865 ext. citations	4.4 avg, IF	5.3 L-index

#	Paper	IF	Citations
142	Functional reconfiguration of cerebellum-cerebral neural loop in schizophrenia following electroconvulsive therapy.. <i>Psychiatry Research - Neuroimaging</i> , <b>2022</b> , 320, 111441	2.9	0
141	Temporoparietal Connectivity Within Default Mode Network Associates With Clinical Improvements in Schizophrenia Following Modified Electroconvulsive Therapy.. <i>Frontiers in Psychiatry</i> , <b>2021</b> , 12, 768279	5	1
140	Connective profiles and antagonism between dynamic and static connectivity underlying generalized epilepsy. <i>Brain Structure and Function</i> , <b>2021</b> , 226, 1423-1435	4	1
139	Distinct effects of the basal ganglia and cerebellum on the thalamocortical pathway in idiopathic generalized epilepsy. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 3440-3449	5.9	2
138	Different Modulatory Effects of Cognitive Training and Aerobic Exercise on Resting State Functional Connectivity of Entorhinal Cortex in Community-Dwelling Older Adults. <i>Frontiers in Aging Neuroscience</i> , <b>2021</b> , 13, 655245	5.3	
137	Disentangling age- and disease-related alterations in schizophrenia brain network using structural equation modeling: A graph theoretical study based on minimum spanning tree. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 3023-3041	5.9	1
136	Temporal Dynamics in Degree Centrality of Brain Functional Connectome in First-Episode Schizophrenia with Different Short-Term Treatment Responses: A Longitudinal Study. <i>Neuropsychiatric Disease and Treatment</i> , <b>2021</b> , 17, 1505-1516	3.1	2
135	Identifying Internet Addiction and Evaluating the Efficacy of Treatment Based on Functional Connectivity Density: A Machine Learning Study. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 665578	5.1	1
134	Compressed sensorimotor-to-transmodal hierarchical organization in schizophrenia. <i>Psychological Medicine</i> , <b>2021</b> , 1-14	6.9	5
133	Function-structure coupling: White matter functional magnetic resonance imaging hyper-activation associates with structural integrity reductions in schizophrenia. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 4022-4034	5.9	3
132	Antipsychotics Effects on Network-Level Reconfiguration of Cortical Morphometry in First-Episode Schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2021</b> ,	1.3	1
131	Chinese and Western Musical Training Impacts the Circuit in Auditory and Reward Systems. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 663015	5.1	0
130	Probing the Functional and Structural Connectivity Underlying EEG Traveling Waves. <i>Brain Topography</i> , <b>2021</b> , 1	4.3	0
129	Altered asymmetries of diffusion and volumetry in basal ganglia of schizophrenia. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 15, 782-787	4.1	2
128	How Alpha Rhythm Spatiotemporally Acts Upon the Thalamus-Default Mode Circuit in Idiopathic Generalized Epilepsy. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2021</b> , 68, 1282-1292	5	3
127	Dynamic gray matter and intrinsic activity changes after epilepsy surgery. <i>Acta Neurologica Scandinavica</i> , <b>2021</b> , 143, 261-270	3.8	3
126	Structural and functional reorganization of contralateral hippocampus after temporal lobe epilepsy surgery. <i>NeuroImage: Clinical</i> , <b>2021</b> , 31, 102714	5.3	1

125	Functional abnormalities of striatum are related to the season-specific effect on schizophrenia. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 15, 2347-2355	4.1	
124	Altered Spatial Organization of Dynamic Functional Network Associates With Deficient Sensory and Perceptual Network in Schizophrenia. <i>Frontiers in Psychiatry</i> , <b>2021</b> , 12, 687580	5	1
123	Disrupted functional connectivity in white matter resting-state networks in unilateral temporal lobe epilepsy. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 1	4.1	2
122	The effects of antipsychotics on interactions of dynamic functional connectivity in the triple-network in first episode schizophrenia. <i>Schizophrenia Research</i> , <b>2021</b> , 236, 29-37	3.6	1
121	Identifying and Predicting Autism Spectrum Disorder Based on Multi-Site Structural MRI With Machine Learning.. <i>Frontiers in Human Neuroscience</i> , <b>2021</b> , 15, 765517	3.3	0
120	Surface-Based Spontaneous Oscillation in Schizophrenia: A Resting-State Functional Magnetic Resonance Imaging Study.. <i>Frontiers in Human Neuroscience</i> , <b>2021</b> , 15, 750879	3.3	
119	Atypical Antipsychotics Mediate Dynamics of Intrinsic Brain Activity in Early-Stage Schizophrenia? A Preliminary Study.. <i>Psychiatry Investigation</i> , <b>2021</b> , 18, 1205-1212	3.1	0
118	Alterations of local functional connectivity in lifespan: A resting-state fMRI study. <i>Brain and Behavior</i> , <b>2020</b> , 10, e01652	3.4	5
117	Increased functional dynamics in civil aviation pilots: Evidence from a neuroimaging study. <i>PLoS ONE</i> , <b>2020</b> , 15, e0234790	3.7	1
116	The Modulation of Reward and Habit Systems by Acupuncture in Adolescents with Internet Addiction. <i>Neural Plasticity</i> , <b>2020</b> , 2020, 7409417	3.3	1
115	Compression of Cerebellar Functional Gradients in Schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2020</b> ,	1.3	25
114	Use of Vesical Imaging-Reporting and Data System (VI-RADS) for detecting the muscle invasion of bladder cancer: a diagnostic meta-analysis. <i>European Radiology</i> , <b>2020</b> , 30, 4606-4614	8	24
113	Cerebello-cerebral connectivity in idiopathic generalized epilepsy. <i>European Radiology</i> , <b>2020</b> , 30, 3924-3933	3.3	3
112	The Organization of the Human Corpus Callosum Estimated by Intrinsic Functional Connectivity with White-Matter Functional Networks. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 3313-3324	5.1	12
111	Objects seen as scenes: Neural circuitry for attending whole or parts. <i>NeuroImage</i> , <b>2020</b> , 210, 116526	7.9	3
110	Altered functional connectivity of the thalamus induced by modified electroconvulsive therapy for schizophrenia. <i>Schizophrenia Research</i> , <b>2020</b> , 218, 209-218	3.6	6
109	Bacomics: a comprehensive cross area originating in the studies of various brain-apparatus conversations. <i>Cognitive Neurodynamics</i> , <b>2020</b> , 14, 425-442	4.2	8
108	Reconfiguration of dynamic large-scale brain network functional connectivity in generalized tonic-clonic seizures. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 67-79	5.9	13

107	Plasma luteinizing hormone level affects the brain activity of patients with polycystic ovary syndrome. <i>Psychoneuroendocrinology</i> , <b>2020</b> , 112, 104535	5	4
106	The Effects of Music Intervention on Pallidum-DMN Circuit of Schizophrenia. <i>BioMed Research International</i> , <b>2020</b> , 2020, 4107065	3	1
105	Neural correlates of polygenic risk score for autism spectrum disorders in general population. <i>Brain Communications</i> , <b>2020</b> , 2, fcaa092	4.5	5
104	Alterations of functional connectivity density in a Chinese family with a mild phenotype associated with a novel inherited variant of SCN8A. <i>Epilepsy and Behavior</i> , <b>2020</b> , 112, 107379	3.2	
103	Characteristics of disrupted topological organization in white matter functional connectome in schizophrenia. <i>Psychological Medicine</i> , <b>2020</b> , 1-11	6.9	9
102	Altered Static and Dynamic Spontaneous Neural Activity in Drug-Naïve and Drug-Receiving Benign Childhood Epilepsy With Centrottemporal Spikes. <i>Frontiers in Human Neuroscience</i> , <b>2020</b> , 14, 361	3.3	4
101	Dynamic Temporospacial Patterns of Functional Connectivity and Alterations in Idiopathic Generalized Epilepsy. <i>International Journal of Neural Systems</i> , <b>2020</b> , 30, 2050065	6.2	2
100	Aberrant resting-state functional connectivity of salience network in first-episode schizophrenia. <i>Brain Imaging and Behavior</i> , <b>2020</b> , 14, 1350-1360	4.1	11
99	Rhythmic Network Modulation to Thalamocortical Couplings in Epilepsy. <i>International Journal of Neural Systems</i> , <b>2020</b> , 30, 2050014	6.2	2
98	Abnormal Functional Connectivity in Cognitive Control Network, Default Mode Network, and Visual Attention Network in Internet Addiction: A Resting-State fMRI Study. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 1006	4.1	12
97	Increased Insular Connectivity and Enhanced Empathic Ability Associated with Dance/Music Training. <i>Neural Plasticity</i> , <b>2019</b> , 2019, 9693109	3.3	13
96	Altered structural and causal connectivity in frontal lobe epilepsy. <i>BMC Neurology</i> , <b>2019</b> , 19, 70	3.1	12
95	Aberrant Interhemispheric Functional Organization in Children with Dyskinetic Cerebral Palsy. <i>BioMed Research International</i> , <b>2019</b> , 2019, 4362539	3	10
94	BOLD-fMRI activity informed by network variation of scalp EEG in juvenile myoclonic epilepsy. <i>NeuroImage: Clinical</i> , <b>2019</b> , 22, 101759	5.3	17
93	Dysfunctional white-matter networks in medicated and unmedicated benign epilepsy with centrottemporal spikes. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 3113-3124	5.9	25
92	Evaluation of functional connectivity in subdivisions of the thalamus in schizophrenia. <i>British Journal of Psychiatry</i> , <b>2019</b> , 214, 288-296	5.4	15
91	Low-rank network signatures in the triple network separate schizophrenia and major depressive disorder. <i>NeuroImage: Clinical</i> , <b>2019</b> , 22, 101725	5.3	11
90	Dynamic Functional Connectivity Strength Within Different Frequency-Band in Schizophrenia. <i>Frontiers in Psychiatry</i> , <b>2019</b> , 10, 995	5	13

89	Detecting the Information of Functional Connectivity Networks in Normal Aging Using Deep Learning From a Big Data Perspective. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 1435	5.1	2
88	Altered Default Mode Network Dynamics in Civil Aviation Pilots. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 1406	5.1	2
87	Aberrant Prefrontal-Thalamic-Cerebellar Circuit in Schizophrenia and Depression: Evidence From a Possible Causal Connectivity. <i>International Journal of Neural Systems</i> , <b>2019</b> , 29, 1850032	6.2	25
86	Common increased hippocampal volume but specific changes in functional connectivity in schizophrenia patients in remission and non-remission following electroconvulsive therapy: A preliminary study. <i>NeuroImage: Clinical</i> , <b>2019</b> , 24, 102081	5.3	6
85	Different patterns of white matter changes after successful surgery of mesial temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , <b>2019</b> , 21, 101631	5.3	18
84	BOLD-fMRI reveals the association between renal oxygenation and functional connectivity in the aging brain. <i>NeuroImage</i> , <b>2019</b> , 186, 510-517	7.9	7
83	Reduction in gray matter of cerebellum in schizophrenia and its influence on static and dynamic connectivity. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 517-528	5.9	28
82	Altered Dynamic Functional Network Connectivity in Frontal Lobe Epilepsy. <i>Brain Topography</i> , <b>2019</b> , 32, 394-404	4.3	24
81	Insular changes induced by electroconvulsive therapy response to symptom improvements in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2019</b> , 89, 254-262	5.5	11
80	Reconfiguration of Dynamic Functional Connectivity in Sensory and Perceptual System in Schizophrenia. <i>Cerebral Cortex</i> , <b>2019</b> , 29, 3577-3589	5.1	46
79	White-matter functional networks changes in patients with schizophrenia. <i>NeuroImage</i> , <b>2019</b> , 190, 172-184	5.1	51
78	Common and distinct changes of default mode and salience network in schizophrenia and major depression. <i>Brain Imaging and Behavior</i> , <b>2018</b> , 12, 1708-1719	4.1	37
77	Progressive Reduction in Gray Matter in Patients with Schizophrenia Assessed with MR Imaging by Using Causal Network Analysis. <i>Radiology</i> , <b>2018</b> , 287, 633-642	20.5	41
76	Altered spontaneous brain activity in MRI-negative refractory temporal lobe epilepsy patients with major depressive disorder: A resting-state fMRI study. <i>Journal of the Neurological Sciences</i> , <b>2018</b> , 386, 29-35	3.2	19
75	Dysfunction of Large-Scale Brain Networks in Schizophrenia: A Meta-analysis of Resting-State Functional Connectivity. <i>Schizophrenia Bulletin</i> , <b>2018</b> , 44, 168-181	1.3	165
74	Common and diagnosis-specific fractional anisotropy of white matter in schizophrenia, bipolar disorder, and major depressive disorder: Evidence from comparative voxel-based meta-analysis. <i>Schizophrenia Research</i> , <b>2018</b> , 193, 456-458	3.6	8
73	Aberrant Thalamocortical Connectivity in Juvenile Myoclonic Epilepsy. <i>International Journal of Neural Systems</i> , <b>2018</b> , 28, 1750034	6.2	36
72	The Effects of Music Intervention on Functional Connectivity Strength of the Brain in Schizophrenia. <i>Neural Plasticity</i> , <b>2018</b> , 2018, 2821832	3.3	15

71	Increased resting-state global functional connectivity density of default mode network in schizophrenia subjects treated with electroconvulsive therapy. <i>Schizophrenia Research</i> , <b>2018</b> , 197, 192-199	3.6	22
70	Abnormal brain activation during threatening face processing in schizophrenia: A meta-analysis of functional neuroimaging studies. <i>Schizophrenia Research</i> , <b>2018</b> , 197, 200-208	3.6	15
69	Disrupted Coupling Between the Spontaneous Fluctuation and Functional Connectivity in Idiopathic Generalized Epilepsy. <i>Frontiers in Neurology</i> , <b>2018</b> , 9, 838	4.1	10
68	Neuroscience Information Toolbox: An Open Source Toolbox for EEG-fMRI Multimodal Fusion Analysis. <i>Frontiers in Neuroinformatics</i> , <b>2018</b> , 12, 56	3.9	27
67	Functional Connectivity Alterations in Children with Spastic and Dyskinetic Cerebral Palsy. <i>Neural Plasticity</i> , <b>2018</b> , 2018, 7058953	3.3	15
66	Altered Structural and Functional Connectivity of Juvenile Myoclonic Epilepsy: An fMRI Study. <i>Neural Plasticity</i> , <b>2018</b> , 2018, 7392187	3.3	24
65	Shared abnormality of white matter integrity in schizophrenia and bipolar disorder: A comparative voxel-based meta-analysis. <i>Schizophrenia Research</i> , <b>2017</b> , 185, 41-50	3.6	43
64	Abnormal asymmetry in benign epilepsy with unilateral and bilateral centrotemporal spikes: A combined fMRI and DTI study. <i>Epilepsy Research</i> , <b>2017</b> , 135, 56-63	3	12
63	Microstructural alterations of white matter in juvenile myoclonic epilepsy. <i>Epilepsy Research</i> , <b>2017</b> , 135, 1-8	3	13
62	Transdiagnostic differences in the resting-state functional connectivity of the prefrontal cortex in depression and schizophrenia. <i>Journal of Affective Disorders</i> , <b>2017</b> , 217, 118-124	6.6	28
61	Action Video Game Experience Related to Altered Large-Scale White Matter Networks. <i>Neural Plasticity</i> , <b>2017</b> , 2017, 7543686	3.3	11
60	Music Intervention Leads to Increased Insular Connectivity and Improved Clinical Symptoms in Schizophrenia. <i>Frontiers in Neuroscience</i> , <b>2017</b> , 11, 744	5.1	73
59	Common and distinct dysfunctional patterns contribute to triple network model in schizophrenia and depression: A preliminary study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2017</b> , 79, 302-310	5.5	58
58	White Matter Connectivity Pattern Associate with Characteristics of Scalp EEG Signals. <i>Brain Topography</i> , <b>2017</b> , 30, 797-809	4.3	3
57	M66. Impacts of Modified Electroconvulsive Therapy on Global Functional Connectivity Density in Schizophrenia: A Longitudinal Resting State fMRI Study. <i>Schizophrenia Bulletin</i> , <b>2017</b> , 43, S234-S234	1.3	3
56	Altered language network in benign childhood epilepsy patients with spikes from non-dominant side: A resting-state fMRI study. <i>Epilepsy Research</i> , <b>2017</b> , 136, 109-114	3	6
55	Altered Local Spatiotemporal Consistency of Resting-State BOLD Signals in Patients with Generalized Tonic-Clonic Seizures. <i>Frontiers in Computational Neuroscience</i> , <b>2017</b> , 11, 90	3.5	6
54	Altered Functional Connectivity Density in Subtypes of Parkinson's Disease. <i>Frontiers in Human Neuroscience</i> , <b>2017</b> , 11, 458	3.3	16



53	Altered Hippocampo-Cerebello-Cortical Circuit in Schizophrenia by a Spatiotemporal Consistency and Causal Connectivity Analysis. <i>Frontiers in Neuroscience</i> , <b>2017</b> , 11, 25	5.1	17
52	Altered basal ganglia-cortical functional connections in frontal lobe epilepsy: A resting-state fMRI study. <i>Epilepsy Research</i> , <b>2016</b> , 128, 12-20	3	15
51	The Functional Integration in the Sensory-Motor System Predicts Aging in Healthy Older Adults. <i>Frontiers in Aging Neuroscience</i> , <b>2016</b> , 8, 306	5.3	23
50	Altered Local Spontaneous Brain Activity in Juvenile Myoclonic Epilepsy: A Preliminary Resting-State fMRI Study. <i>Neural Plasticity</i> , <b>2016</b> , 2016, 3547203	3.3	22
49	Functional Integration between Salience and Central Executive Networks: A Role for Action Video Game Experience. <i>Neural Plasticity</i> , <b>2016</b> , 2016, 9803165	3.3	38
48	The Lateralization of Intrinsic Networks in the Aging Brain Implicates the Effects of Cognitive Training. <i>Frontiers in Aging Neuroscience</i> , <b>2016</b> , 8, 32	5.3	23
47	Effects of Cognitive Training on Resting-State Functional Connectivity of Default Mode, Salience, and Central Executive Networks. <i>Frontiers in Aging Neuroscience</i> , <b>2016</b> , 8, 70	5.3	75
46	Complex discharge-affecting networks in juvenile myoclonic epilepsy: A simultaneous EEG-fMRI study. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 3515-29	5.9	31
45	Altered functional and effective connectivity in anticorrelated intrinsic networks in children with benign childhood epilepsy with centrottemporal spikes. <i>Medicine (United States)</i> , <b>2016</b> , 95, e3831	1.8	18
44	Structural and functional correlates of motor imagery BCI performance: Insights from the patterns of fronto-parietal attention network. <i>NeuroImage</i> , <b>2016</b> , 134, 475-485	7.9	59
43	Functional abnormalities of the right posterior insula are related to the altered self-experience in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , <b>2016</b> , 256, 26-32	2.9	24
42	Altered local spontaneous activity in frontal lobe epilepsy: a resting-state functional magnetic resonance imaging study. <i>Brain and Behavior</i> , <b>2016</b> , 6, e00555	3.4	10
41	Characterizing nonlinear relationships in functional imaging data using eigenspace maximal information canonical correlation analysis (emiCCA). <i>NeuroImage</i> , <b>2015</b> , 109, 388-401	7.9	17
40	Functional disconnection between the visual cortex and the sensorimotor cortex suggests a potential mechanism for self-disorder in schizophrenia. <i>Schizophrenia Research</i> , <b>2015</b> , 166, 151-7	3.6	59
39	Altered intrinsic brain activity in patients with familial cortical myoclonic tremor and epilepsy: an amplitude of low-frequency fluctuation study. <i>Journal of the Neurological Sciences</i> , <b>2015</b> , 351, 133-139	3.2	10
38	Multivariate empirical mode decomposition based sub-frequency bands analysis of the default mode network: a resting-state fMRI data study. <i>Applied Informatics</i> , <b>2015</b> , 2,		8
37	Enhanced functional connectivity and increased gray matter volume of insula related to action video game playing. <i>Scientific Reports</i> , <b>2015</b> , 5, 9763	4.9	54
36	Altered resting state functional network connectivity in children absence epilepsy. <i>Journal of the Neurological Sciences</i> , <b>2015</b> , 354, 79-85	3.2	48

35	Altered Structural and Functional Feature of Striato-Cortical Circuit in Benign Epilepsy with Centrottemporal Spikes. <i>International Journal of Neural Systems</i> , <b>2015</b> , 25, 1550027	6.2	59
34	The Brain Functional State of Music Creation: an fMRI Study of Composers. <i>Scientific Reports</i> , <b>2015</b> , 5, 12277	4.9	12
33	Alteration of Basal Ganglia and Right Frontoparietal Network in Early Drug-Naïve Parkinson's Disease during Heat Pain Stimuli and Resting State. <i>Frontiers in Human Neuroscience</i> , <b>2015</b> , 9, 467	3.3	16
32	Altered Basal Ganglia Network Integration in Schizophrenia. <i>Frontiers in Human Neuroscience</i> , <b>2015</b> , 9, 561	3.3	33
31	Altered Brain Activation in Early Drug-Naïve Parkinson's Disease during Heat Pain Stimuli: An fMRI Study. <i>Parkinson's Disease</i> , <b>2015</b> , 2015, 273019	2.6	13
30	. <i>IEEE Transactions on Autonomous Mental Development</i> , <b>2015</b> , 7, 311-319		10
29	Identifying enhanced cortico-basal ganglia loops associated with prolonged dance training. <i>Scientific Reports</i> , <b>2015</b> , 5, 10271	4.9	26
28	Spatiotemporal consistency of local neural activities: A new imaging measure for functional MRI data. <i>Journal of Magnetic Resonance Imaging</i> , <b>2015</b> , 42, 729-36	5.6	14
27	Altered intrinsic functional connectivity of the salience network in childhood absence epilepsy. <i>Journal of the Neurological Sciences</i> , <b>2014</b> , 339, 189-95	3.2	37
26	Diffusion tensor tractography reveals disrupted structural connectivity in childhood absence epilepsy. <i>Epilepsy Research</i> , <b>2014</b> , 108, 125-38	3	65
25	Simultaneous EEG-fMRI: trial level spatio-temporal fusion for hierarchically reliable information discovery. <i>NeuroImage</i> , <b>2014</b> , 99, 28-41	7.9	22
24	Probabilistic diffusion tractography reveals improvement of structural network in musicians. <i>PLoS ONE</i> , <b>2014</b> , 9, e105508	3.7	18
23	Resting-state functional connectivity in anterior cingulate cortex in normal aging. <i>Frontiers in Aging Neuroscience</i> , <b>2014</b> , 6, 280	5.3	35
22	Bidirectional control of absence seizures by the basal ganglia: a computational evidence. <i>PLoS Computational Biology</i> , <b>2014</b> , 10, e1003495	5	67
21	Long-term effects of musical training and functional plasticity in salience system. <i>Neural Plasticity</i> , <b>2014</b> , 2014, 180138	3.3	41
20	Patient-specific connectivity pattern of epileptic network in frontal lobe epilepsy. <i>NeuroImage: Clinical</i> , <b>2014</b> , 4, 668-75	5.3	44
19	Altered resting-state connectivity during interictal generalized spike-wave discharges in drug-naïve childhood absence epilepsy. <i>Human Brain Mapping</i> , <b>2013</b> , 34, 1761-7	5.9	47
18	Increased EphA/ephrinA expression in hippocampus of pilocarpine treated mouse. <i>Epilepsy Research</i> , <b>2013</b> , 105, 20-9	3	12



17	White matter impairment in the basal ganglia-thalamocortical circuit of drug-naïve childhood absence epilepsy. <i>Epilepsy Research</i> , <b>2012</b> , 99, 267-73	3	52
16	Musical training induces functional plasticity in perceptual and motor networks: insights from resting-state fMRI. <i>PLoS ONE</i> , <b>2012</b> , 7, e36568	3.7	77
15	Scale-free brain-wave music from simultaneously EEG and fMRI recordings. <i>PLoS ONE</i> , <b>2012</b> , 7, e49773	3.7	21
14	Resting state basal ganglia network in idiopathic generalized epilepsy. <i>Human Brain Mapping</i> , <b>2012</b> , 33, 1279-94	5.9	89
13	Study on Resting-State Functional Connectivity of Rat Sensorimotor System*. <i>Progress in Biochemistry and Biophysics</i> , <b>2012</b> , 39, 519-524		
12	Disrupted functional brain connectivity in partial epilepsy: a resting-state fMRI study. <i>PLoS ONE</i> , <b>2011</b> , 7, e28196	3.7	84
11	Diffusion and volumetry abnormalities in subcortical nuclei of patients with absence seizures. <i>Epilepsia</i> , <b>2011</b> , 52, 1092-9	6.4	42
10	Altered functional connectivity in default mode network in absence epilepsy: a resting-state fMRI study. <i>Human Brain Mapping</i> , <b>2011</b> , 32, 438-49	5.9	190
9	Default mode network abnormalities in mesial temporal lobe epilepsy: a study combining fMRI and DTI. <i>Human Brain Mapping</i> , <b>2011</b> , 32, 883-95	5.9	229
8	fMRI functional networks for EEG source imaging. <i>Human Brain Mapping</i> , <b>2011</b> , 32, 1141-60	5.9	55
7	Localization of pilomotor seizure demonstrated by electroencephalography /functional magnetic resonance imaging. <i>Neurology India</i> , <b>2010</b> , 58, 758-60	0.7	
6	Altered functional connectivity and small-world in mesial temporal lobe epilepsy. <i>PLoS ONE</i> , <b>2010</b> , 5, e8525	3.7	391
5	Imaging foci of epileptic discharges from simultaneous EEG and fMRI using the canonical HRF. <i>Epilepsy Research</i> , <b>2010</b> , 91, 133-42	3	13
4	EEG-fMRI study on the interictal and ictal generalized spike-wave discharges in patients with childhood absence epilepsy. <i>Epilepsy Research</i> , <b>2009</b> , 87, 160-8	3	76
3	Structural and functional changes mapped in the brains of amyotrophic lateral sclerosis patients with/without dysphagia: a pilot study. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , <b>2009</b> , 10, 280-7		17
2	Functional magnetic resonance imaging study on dysphagia after unilateral hemispheric stroke: a preliminary study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2009</b> , 80, 1320-9	5.5	48
1	Neuroimaging of sleep-related epilepsies384-390		