Tao Wu

List of Publications by Year
in descending order

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42 papers	3,328 citations	257357 24 h-index	265120 42 g-index
42 all docs	42 docs citations	42 times ranked	4635 citing authors

#	Article	IF	Citations
1	The cerebellum in Parkinsonâ€™s disease. Brain, 2013, 136, 696-709.	3.7	589
2	Regional homogeneity changes in patients with Parkinson's disease. Human Brain Mapping, 2009, 30, 1502-1510.	1.9	371
3	Changes of functional connectivity of the motor network in the resting state in Parkinson's disease. Neuroscience Letters, 2009, 460, 6-10.	1.0	343
4	Motor automaticity in Parkinson's disease. Neurobiology of Disease, 2015, 82, 226-234.	2.1	238
5	Effective connectivity of brain networks during self-initiated movement in Parkinson's disease. NeuroImage, 2011, 55, 204-215.	2.1	188
6	Neural correlates of bimanual anti-phase and in-phase movements in Parkinson's disease. Brain, 2010, 133, 2394-2409.	3.7	153
7	Basal ganglia circuits changes in Parkinson's disease patients. Neuroscience Letters, 2012, 524, 55-59.	1.0	115
8	Effective connectivity of neural networks in automatic movements in Parkinson's disease. NeuroImage, 2010, 49, 2581-2587.	2.1	101
9	Aging influence on functional connectivity of the motor network in the resting state. Neuroscience Letters, 2007, 422, 164-168.	1.0	91
10	Modifications of the interactions in the motor networks when a movement becomes automatic. Journal of Physiology, 2008, 586, 4295-4304.	1.3	90
11	The study of brain functional connectivity in Parkinsonâ€™s disease. Translational Neurodegeneration, 2016, 5, 18.	3.6	90
12	Cerebellum and integration of neural networks in dual-task processing. NeuroImage, 2013, 65, 466-475.	2.1	89
13	Attention to Automatic Movements in Parkinson's Disease: Modified Automatic Mode in the Striatum. Cerebral Cortex, 2015, 25, 3330-3342.	1.6	86
14	Neural correlates underlying micrographia in Parkinsonâ€™s disease. Brain, 2016, 139, 144-160.	3.7	72
15	Normal aging decreases regional homogeneity of the motor areas in the resting state. Neuroscience Letters, 2007, 423, 189-193.	1.0	71
16	Human brain connectivity: Clinical applications for clinical neurophysiology. Clinical Neurophysiology, 2020, 131, 1621-1651.	0.7	68
17	Health Workforce Equity in Urban Community Health Service of China. PLoS ONE, 2014, 9, e115988.	1.1	54
18	Different Patterns of Spontaneous Brain Activity between Tremorâ€Dominant and Postural Instability/Gait Difficulty Subtypes of Parkinson's Disease: A Restingâ€State <scp>fMRI</scp> Study. CNS Neuroscience and Therapeutics, 2015, 21, 855-866.	1.9	52

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19	Exploring the reproducibility of functional connectivity alterations in Parkinsonâ€™s disease. PLoS ONE, 2017, 12, e0188196.	1.1	52
20	Parkinson's Diseaseâ€”Related Spatial Covariance Pattern Identified with Resting-State Functional MRI. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1764-1770.	2.4	43
21	Lateralization of brain activity pattern during unilateral movement in Parkinson's disease. Human Brain Mapping, 2015, 36, 1878-1891.	1.9	35
22	Levodopa Effect on Basal Ganglia Motor Circuit in Parkinson's Disease. CNS Neuroscience and Therapeutics, 2017, 23, 76-86.	1.9	33
23	Resting-state functional connectivity of subthalamic nucleus in different Parkinson's disease phenotypes. Journal of the Neurological Sciences, 2016, 371, 137-147.	0.3	31
24	Differentiating Patients with Parkinsonâ€™s Disease from Normal Controls Using Gray Matter in the Cerebellum. Cerebellum, 2017, 16, 151-157.	1.4	29
25	The cerebellum in dual-task performance in Parkinsonâ€™s disease. Scientific Reports, 2017, 7, 45662.	1.6	29
26	Functional Connectivity of Vim Nucleus in Tremorâ€•and Akineticâ€/Rigidâ€Dominant Parkinson's Disease. CNS Neuroscience and Therapeutics, 2016, 22, 378-386.	1.9	27
27	Altered functional connectivity of the subthalamic nucleus during self-initiated movement in Parkinson's disease. Journal of Neuroradiology, 2018, 45, 249-255.	0.6	23
28	Resting-state functional connectivity of dentate nucleus is associated with tremor in Parkinsonâ€™s disease. Journal of Neurology, 2015, 262, 2247-2256.	1.8	22
29	Structural and functional brain alterations in patients with idiopathic rapid eye movement sleep behavior disorder. Journal of Neuroradiology, 2022, 49, 66-72.	0.6	20
30	Repetitive Transcranial Magnetic Stimulation Does Not Improve the Sequence Effect in Freezing of Gait. Parkinson's Disease, 2019, 2019, 1-8.	0.6	19
31	Preclinical and clinical neural network changes in SCA2 parkinsonism. Parkinsonism and Related Disorders, 2013, 19, 158-164.	1.1	17
32	Alteration of brain structural connectivity in progression of Parkinson's disease: A connectome-wide network analysis. NeuroImage: Clinical, 2021, 31, 102715.	1.4	16
33	Brainstem gangliogliomas: prognostic factors, surgical indications and functional outcomes. Journal of Neuro-Oncology, 2016, 128, 445-453.	1.4	14
34	The training contents, problems and needs of doctors in urban community health service institutions in China. BMC Family Practice, 2018, 19, 182.	2.9	12
35	Amnestic mild cognitive impairment in Parkinsonâ€™s disease: White matter structural changes and mechanisms. PLoS ONE, 2019, 14, e0226175.	1.1	11
36	Clinical features of newly developed NF2 intracranial meningiomas through comparative analysis of pediatric and adult patients. Clinical Neurology and Neurosurgery, 2020, 194, 105799.	0.6	8

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37	Ceria Oxide Nanoparticles an Ideal Carrier Given Little Stress to Cells and Rats. Journal of Nanoscience and Nanotechnology, 2018, 18, 3865-3869.	0.9	7
38	The clinical treatment and outcome of cerebellopontine angle medulloblastoma: a retrospective study of 15 cases. Scientific Reports, 2020, 10, 9769.	1.6	7
39	Awake craniotomy for assisting placement of auditory brainstem implant in NF2 patients. Acta Oto-Laryngologica, 2018, 138, 548-553.	0.3	5
40	Characterization of global 5-hydroxymethylcytosine in pediatric posterior fossa ependymoma. Clinical Epigenetics, 2020, 12, 19.	1.8	4
41	Complexity Assessment of Chronic Pain in Elderly Knee Osteoarthritis Based on Neuroimaging Recognition Techniques. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-11.	0.7	2
42	Posterior fossa ependymoma with preoperative cerebrospinal metastases: a case report with literature review. British Journal of Neurosurgery, 2020, , 1-4.	0.4	1