

# Tony W Wilson

## List of Publications by Year in Descending Order

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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.

200  
papers

3,482  
citations

34  
h-index

47  
g-index

221  
ext. papers

4,580  
ext. citations

5.2  
avg, IF

6.08  
L-index

#	Paper	IF	Citations
200	High-definition transcranial direct current stimulation of the occipital cortices induces polarity dependent effects within the brain regions serving attentional reorientation.. <i>Human Brain Mapping</i> , <b>2022</b> ,	5.9	1
199	Therapeutic Lower Extremity Power Training Alters the Sensorimotor Cortical Activity of Individuals With Cerebral Palsy.. <i>Archives of Rehabilitation Research and Clinical Translation</i> , <b>2022</b> , 4, 100180	1.3	0
198	Developmental trajectory of MEG resting-state oscillatory activity in children and adolescents: a longitudinal reliability study.. <i>Cerebral Cortex</i> , <b>2022</b> ,	5.1	1
197	Spatially resolved neural slowing predicts impairment and amyloid burden in Alzheimer's disease.. <i>Brain</i> , <b>2022</b> ,	11.2	2
196	Spinal cord microstructural changes are connected with the aberrant sensorimotor cortical oscillatory activity in adults with cerebral palsy.. <i>Scientific Reports</i> , <b>2022</b> , 12, 4807	4.9	1
195	Altered resting fMRI spectral power in data-driven brain networks during development: A longitudinal study.. <i>Journal of Neuroscience Methods</i> , <b>2022</b> , 372, 109537	3	
194	Functional connectomes incorporating phase synchronization for the characterization and prediction of individual differences.. <i>Journal of Neuroscience Methods</i> , <b>2022</b> , 372, 109539	3	
193	Altered spontaneous cortical activity predicts pain perception in individuals with cerebral palsy.. <i>Brain Communications</i> , <b>2022</b> , 4, fcac087	4.5	
192	Longitudinal changes in the neural oscillatory dynamics underlying abstract reasoning in children and adolescents.. <i>NeuroImage</i> , <b>2022</b> , 253, 119094	7.9	
191	Retrospective Comparison of Motor and Somatosensory MEG Mapping Considerations for Better Clinical Applications. <i>NeuroImage: Clinical</i> , <b>2022</b> , 103045	5.3	0
190	Amygdala and hippocampal subregions mediate outcomes following trauma during typical development: Evidence from high-resolution structural MRI.. <i>Neurobiology of Stress</i> , <b>2022</b> , 18, 100456	7.6	
189	Eyes-closed versus eyes-open differences in spontaneous neural dynamics during development. <i>NeuroImage</i> , <b>2022</b> , 119337	7.9	0
188	Altered amygdala-cortical connectivity in individuals with Cannabis use disorder. <i>Journal of Psychopharmacology</i> , <b>2021</b> , 35, 1365-1374	4.6	
187	Altered neural oscillations during complex sequential movements in patients with Parkinson's disease.. <i>NeuroImage: Clinical</i> , <b>2021</b> , 32, 102892	5.3	0
186	Occipital neural dynamics in cannabis and alcohol use: independent effects of addiction. <i>Scientific Reports</i> , <b>2021</b> , 11, 22258	4.9	0
185	High-definition transcranial direct current stimulation modulates performance and alpha/beta parieto-frontal connectivity serving fluid intelligence. <i>Journal of Physiology</i> , <b>2021</b> , 599, 5451	3.9	0
184	Individual differences in amygdala volumes predict changes in functional connectivity between subcortical and cognitive control networks throughout adolescence: Structure-function relationships in neurodevelopment.. <i>NeuroImage</i> , <b>2021</b> , 118852	7.9	0

183	Aberrant inhibitory processing in the somatosensory cortices of cannabis-users. <i>Journal of Psychopharmacology</i> , <b>2021</b> , 35, 1356-1364	4.6	
182	Somatosensory dysfunction is masked by variable cognitive deficits across patients on the Alzheimer's disease spectrum. <i>EBioMedicine</i> , <b>2021</b> , 73, 103638	8.8	2
181	Microstructural changes in the spinal cord of adults with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , <b>2021</b> , 63, 998-1003	3.3	3
180	Impact of HIV-infection on human somatosensory processing, spontaneous cortical activity, and cortical thickness: A multimodal neuroimaging approach. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 2851-2861	5.9	9
179	Functional network estimation using multigraph learning with application to brain maturation study. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 2880-2892	5.9	1
178	Functional connectome fingerprinting: Identifying individuals and predicting cognitive functions via autoencoder. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 2691-2705	5.9	8
177	Cortical oscillations that underlie working memory are altered in adults with cerebral palsy. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 938-945	4.3	1
176	Reductions in Gray Matter Linked to Epigenetic HIV-Associated Accelerated Aging. <i>Cerebral Cortex</i> , <b>2021</b> , 31, 3752-3763	5.1	4
175	Resting-state functional connectivity of the human hippocampus in periadolescent children: Associations with age and memory performance. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 3620-3642	5.9	1
174	Interpretable Multimodal Fusion Networks Reveal Mechanisms of Brain Cognition. <i>IEEE Transactions on Medical Imaging</i> , <b>2021</b> , 40, 1474-1483	11.7	5
173	Neural oscillations underlying selective attention follow sexually divergent developmental trajectories during adolescence. <i>Developmental Cognitive Neuroscience</i> , <b>2021</b> , 49, 100961	5.5	7
172	Movement-Related Gamma Synchrony Differentially Predicts Behavior in the Presence of Visual Interference Across the Lifespan. <i>Cerebral Cortex</i> , <b>2021</b> , 31, 5056-5066	5.1	2
171	Differences in Rhythmic Neural Activity Supporting the Temporal and Spatial Cueing of Attention. <i>Cerebral Cortex</i> , <b>2021</b> , 31, 4933-4944	5.1	2
170	Increases in Stressors Prior to-Versus During the COVID-19 Pandemic in the United States Are Associated With Depression Among Middle-Aged Mothers. <i>Frontiers in Psychology</i> , <b>2021</b> , 12, 706120	3.4	2
169	Modular and state-relevant functional network connectivity in high-frequency eyes open vs eyes closed resting fMRI data. <i>Journal of Neuroscience Methods</i> , <b>2021</b> , 358, 109202	3	1
168	Stairway to memory: Left-hemispheric alpha dynamics index the progressive loading of items into a short-term store. <i>NeuroImage</i> , <b>2021</b> , 235, 118024	7.9	3
167	The Developmental Chronnecto-Genomics (Dev-CoG) study: A multimodal study on the developing brain. <i>NeuroImage</i> , <b>2021</b> , 225, 117438	7.9	15
166	Altered fronto-occipital connectivity during visual selective attention in regular cannabis users. <i>Psychopharmacology</i> , <b>2021</b> , 238, 1351-1361	4.7	5

165	Three-Year Reliability of MEG Visual and Somatosensory Responses. <i>Cerebral Cortex</i> , <b>2021</b> , 31, 2534-2548.	1	9
164	The somatosensory cortical activity in individuals with cerebral palsy displays an aberrant developmental trajectory. <i>Journal of Physiology</i> , <b>2021</b> , 599, 1281-1289	3.9	3
163	Response certainty during bimanual movements reduces gamma oscillations in primary motor cortex. <i>NeuroImage</i> , <b>2021</b> , 224, 117448	7.9	4
162	Correlation Guided Graph Learning to Estimate Functional Connectivity Patterns From fMRI Data. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2021</b> , 68, 1154-1165	5	3
161	Multi-Paradigm fMRI Fusion via Sparse Tensor Decomposition in Brain Functional Connectivity Study. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2021</b> , 25, 1712-1723	7.2	0
160	Gray matter volumes discriminate cognitively impaired and unimpaired people with HIV. <i>NeuroImage: Clinical</i> , <b>2021</b> , 31, 102775	5.3	2
159	Spatio-spectral relationships between pathological neural dynamics and cognitive impairment along the Alzheimer's disease spectrum. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2021</b> , 13, e12200	5.2	3
158	Cortical oscillations that underlie visual selective attention are abnormal in adolescents with cerebral palsy. <i>Scientific Reports</i> , <b>2021</b> , 11, 4661	4.9	1
157	Children with Cerebral Palsy Have Altered Occipital Cortical Oscillations during a Visuospatial Attention Task. <i>Cerebral Cortex</i> , <b>2021</b> , 31, 3353-3362	5.1	3
156	Weaker Connectivity of the Cortical Networks Is Linked with the Uncharacteristic Gait in Youth with Cerebral Palsy. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	1
155	Multiview Diffusion Map Improves Prediction of Fluid Intelligence With Two Paradigms of fMRI Analysis. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2021</b> , 68, 2529-2539	5	0
154	Sexually dimorphic development in the cortical oscillatory dynamics serving early visual processing. <i>Developmental Cognitive Neuroscience</i> , <b>2021</b> , 50, 100968	5.5	2
153	Visuospatial alpha and gamma oscillations scale with the severity of cognitive dysfunction in patients on the Alzheimer's disease spectrum. <i>Alzheimer's Research and Therapy</i> , <b>2021</b> , 13, 139	9	2
152	Frontoparietal network and neuropsychological measures in typically developing children. <i>Neuropsychologia</i> , <b>2021</b> , 159, 107914	3.2	1
151	Cannabis use impacts pre-stimulus neural activity in the visual cortices of people with HIV. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 5446-5457	5.9	3
150	Neuroinflammatory profiles regulated by the redox environment predicted cognitive dysfunction in people living with HIV: A cross-sectional study. <i>EBioMedicine</i> , <b>2021</b> , 70, 103487	8.8	2
149	Stress-induced aberrations in sensory processing predict worse cognitive outcomes in healthy aging adults. <i>Aging</i> , <b>2021</b> , 13, 19996-20015	5.6	1
148	Regular recreational Cannabis users exhibit altered neural oscillatory dynamics during attention reorientation. <i>Psychological Medicine</i> , <b>2021</b> , 1-10	6.9	2

147	Peripheral Somatosensory Entrainment Modulates the Cross-Frequency Coupling of Movement-Related Theta-Gamma Oscillations. <i>Brain Connectivity</i> , <b>2021</b> ,	2.7	2
146	Subclinical Anxiety and Posttraumatic Stress Influence Cortical Thinning During Adolescence. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2021</b> , 60, 1288-1299	7.2	2
145	Three-year reliability of MEG resting-state oscillatory power. <i>NeuroImage</i> , <b>2021</b> , 243, 118516	7.9	5
144	Spontaneous cortical MEG activity undergoes unique age- and sex-related changes during the transition to adolescence. <i>NeuroImage</i> , <b>2021</b> , 244, 118552	7.9	5
143	Association of Epigenetic Metrics of Biological Age With Cortical Thickness. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2015428	10.4	6
142	Hippocampal and parahippocampal volumes vary by sex and traumatic life events in children. <i>Journal of Psychiatry and Neuroscience</i> , <b>2020</b> , 45, 288-297	4.5	2
141	Causality-Based Feature Fusion for Brain Neuro-Developmental Analysis. <i>IEEE Transactions on Medical Imaging</i> , <b>2020</b> , 39, 3290-3299	11.7	1
140	Prefrontal Multielectrode Transcranial Direct Current Stimulation Modulates Performance and Neural Activity Serving Visuospatial Processing. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 4847-4857	5.1	3
139	Incidental Findings on Brain MRI in People with HIV Infection. <i>Scientific Reports</i> , <b>2020</b> , 10, 9474	4.9	0
138	Beyond the eye: Cortical differences in primary visual processing in children with cerebral palsy. <i>NeuroImage: Clinical</i> , <b>2020</b> , 27, 102318	5.3	4
137	Beta and gamma oscillations index cognitive interference effects across a distributed motor network. <i>NeuroImage</i> , <b>2020</b> , 213, 116747	7.9	14
136	Examining brain maturation during adolescence using graph Laplacian learning based Fourier transform. <i>Journal of Neuroscience Methods</i> , <b>2020</b> , 338, 108649	3	3
135	Multi-spectral oscillatory dynamics serving directed and divided attention. <i>NeuroImage</i> , <b>2020</b> , 217, 1169279	7.9	8
134	Methodological considerations for a better somatosensory gating paradigm: The impact of the inter-stimulus interval. <i>NeuroImage</i> , <b>2020</b> , 220, 117048	7.9	6
133	Pubertal Testosterone Tracks the Developmental Trajectory of Neural Oscillatory Activity Serving Visuospatial Processing. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 5960-5971	5.1	9
132	Neural oscillatory dynamics serving abstract reasoning reveal robust sex differences in typically-developing children and adolescents. <i>Developmental Cognitive Neuroscience</i> , <b>2020</b> , 42, 100770	5.5	10
131	Attention modulates the gating of primary somatosensory oscillations. <i>NeuroImage</i> , <b>2020</b> , 211, 116610	7.9	33
130	Local cortical thickness predicts somatosensory gamma oscillations and sensory gating: A multimodal approach. <i>NeuroImage</i> , <b>2020</b> , 214, 116749	7.9	5

129	Modulation of attention networks serving reorientation in healthy aging. <i>Aging</i> , <b>2020</b> , 12, 12582-12597	5.6	8
128	A hypergraph learning method for brain functional connectivity network construction from fMRI data <b>2020</b> ,		2
127	Accuracy analysis of fMRI and MEG activations determined by intraoperative mapping. <i>Neurosurgical Focus</i> , <b>2020</b> , 48, E13	4.2	13
126	Posterior Alpha and Gamma Oscillations Index Divergent and Superadditive Effects of Cognitive Interference. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 1931-1945	5.1	8
125	High-definition transcranial direct current stimulation dissociates fronto-visual theta lateralization during visual selective attention. <i>Journal of Physiology</i> , <b>2020</b> , 598, 987-998	3.9	8
124	Multi-Hypergraph Learning-Based Brain Functional Connectivity Analysis in fMRI Data. <i>IEEE Transactions on Medical Imaging</i> , <b>2020</b> , 39, 1746-1758	11.7	10
123	A GICA-TVGL framework to study sex differences in resting state fMRI dynamic connectivity. <i>Journal of Neuroscience Methods</i> , <b>2020</b> , 332, 108531	3	6
122	Multielectrode Transcranial Electrical Stimulation of the Left and Right Prefrontal Cortices Differentially Impacts Verbal Working Memory Neural Circuitry. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 2389-2400	5.1	7
121	NMDA receptors containing GluN2C and GluN2D subunits have opposing roles in modulating neuronal oscillations; potential mechanism for bidirectional feedback. <i>Brain Research</i> , <b>2020</b> , 1727, 1465717	2.7	6
120	Troubled Hearts: Association Between Heart Rate Variability and Depressive Symptoms in Healthy Children. <i>Applied Psychophysiology Biofeedback</i> , <b>2020</b> , 45, 283-292	3.4	
119	Reliability of the NIH toolbox cognitive battery in children and adolescents: a 3-year longitudinal examination. <i>Psychological Medicine</i> , <b>2020</b> , 1-10	6.9	12
118	Interactive effects of HIV and ageing on neural oscillations: independence from neuropsychological performance. <i>Brain Communications</i> , <b>2020</b> , 2, fcaa015	4.5	9
117	Prefrontal gating of sensory input differentiates cognitively impaired and unimpaired aging adults with HIV. <i>Brain Communications</i> , <b>2020</b> , 2, fcaa080	4.5	11
116	Gamma somatosensory cortical oscillations are attenuated during the stance phase of human walking. <i>Neuroscience Letters</i> , <b>2020</b> , 732, 135090	3.3	1
115	Numerical working memory alters alpha-beta oscillations and connectivity in the parietal cortices. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 3709-3719	5.9	5
114	Motor beta cortical oscillations are related with the gait kinematics of youth with cerebral palsy. <i>Annals of Clinical and Translational Neurology</i> , <b>2020</b> , 7, 2421-2432	5.3	6
113	Parietal Oscillatory Dynamics Mediate Developmental Improvement in Motor Performance. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 6405-6414	5.1	4
112	Development and sex modulate visuospatial oscillatory dynamics in typically-developing children and adolescents. <i>NeuroImage</i> , <b>2020</b> , 221, 117192	7.9	8

111	The age-related trajectory of visual attention neural function is altered in adults living with HIV: A cross-sectional MEG study. <i>EBioMedicine</i> , <b>2020</b> , 61, 103065	8.8	6
110	Dynamic Resting-State Connectivity Differences in Eyes Open Versus Eyes Closed Conditions. <i>Brain Connectivity</i> , <b>2020</b> , 10, 504-519	2.7	12
109	Prefrontal theta modulates sensorimotor gamma networks during the reorienting of attention. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 520-529	5.9	20
108	Traumatic Events Are Associated with Diverse Psychological Symptoms in Typically-Developing Children. <i>Journal of Child and Adolescent Trauma</i> , <b>2020</b> , 13, 381-388	1.5	4
107	A Manifold Regularized Multi-Task Learning Model for IQ Prediction From Two fMRI Paradigms. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2020</b> , 67, 796-806	5	14
106	Estimating Dynamic Functional Brain Connectivity With a Sparse Hidden Markov Model. <i>IEEE Transactions on Medical Imaging</i> , <b>2020</b> , 39, 488-498	11.7	18
105	Altered neural dynamics in occipital cortices serving visual-spatial processing in heavy alcohol users. <i>Journal of Psychopharmacology</i> , <b>2020</b> , 34, 245-253	4.6	6
104	Epigenetic Markers of Aging Predict the Neural Oscillations Serving Selective Attention. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 1234-1243	5.1	6
103	Joint Bayesian-Incorporating Estimation of Multiple Gaussian Graphical Models to Study Brain Connectivity Development in Adolescence. <i>IEEE Transactions on Medical Imaging</i> , <b>2020</b> , 39, 357-365	11.7	3
102	Age-related visual dynamics in HIV-infected adults with cognitive impairment. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , <b>2020</b> , 7,	9.1	10
101	Using Gradient as a New Metric for Dynamic Connectivity Estimation from Resting fMRI Data <b>2019</b> ,		3
100	Altered motor dynamics in type 1 diabetes modulate behavioral performance. <i>NeuroImage: Clinical</i> , <b>2019</b> , 24, 101977	5.3	3
99	Practice modulates motor-related beta oscillations differently in adolescents and adults. <i>Journal of Physiology</i> , <b>2019</b> , 597, 3203-3216	3.9	3
98	Children with cerebral palsy display altered neural oscillations within the visual MT/V5 cortices. <i>NeuroImage: Clinical</i> , <b>2019</b> , 23, 101876	5.3	9
97	Alpha Frequency Entrainment Reduces the Effect of Visual Distractors. <i>Journal of Cognitive Neuroscience</i> , <b>2019</b> , 31, 1392-1403	3.1	12
96	Load effects on spatial working memory performance are linked to distributed alpha and beta oscillations. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 3682-3689	5.9	15
95	Resting state connectivity differences in eyes open versus eyes closed conditions. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 2488-2498	5.9	56
94	Refined measure of functional connectomes for improved identifiability and prediction. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 4843-4858	5.9	7

93	Hand Motor Actions of Children With Cerebral Palsy Are Associated With Abnormal Sensorimotor Cortical Oscillations. <i>Neurorehabilitation and Neural Repair</i> , <b>2019</b> , 33, 1018-1028	4.7	6
92	Aberrant brain dynamics in neuroHIV: Evidence from magnetoencephalographic (MEG) imaging. <i>Progress in Molecular Biology and Translational Science</i> , <b>2019</b> , 165, 285-320	4	6
91	The Strength of the Movement-related Somatosensory Cortical Oscillations Differ between Adolescents and Adults. <i>Scientific Reports</i> , <b>2019</b> , 9, 18520	4.9	8
90	Brain Development Includes Linear and Multiple Nonlinear Trajectories: A Cross-Sectional Resting-State Functional Magnetic Resonance Imaging Study. <i>Brain Connectivity</i> , <b>2019</b> , 9, 777-788	2.7	9
89	The developmental trajectory of sensorimotor cortical oscillations. <i>NeuroImage</i> , <b>2019</b> , 184, 455-461	7.9	31
88	Frontoparietal Networks Mediate the Behavioral Impact of Alpha Inhibition in Visual Cortex. <i>Cerebral Cortex</i> , <b>2019</b> , 29, 3505-3513	5.1	19
87	Load modulates the alpha and beta oscillatory dynamics serving verbal working memory. <i>NeuroImage</i> , <b>2019</b> , 184, 256-265	7.9	27
86	The impact of type 1 diabetes on neural activity serving attention. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 1093-1100	5.1	7
85	tDCS modulates behavioral performance and the neural oscillatory dynamics serving visual selective attention. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 729-740	5.9	30
84	The impact of age and sex on the oscillatory dynamics of visuospatial processing. <i>NeuroImage</i> , <b>2019</b> , 185, 513-520	7.9	23
83	Neural dynamics of verbal working memory processing in children and adolescents. <i>NeuroImage</i> , <b>2019</b> , 185, 191-197	7.9	23
82	The strength of alpha and gamma oscillations predicts behavioral switch costs. <i>NeuroImage</i> , <b>2019</b> , 188, 274-281	7.9	13
81	Alternating Diffusion Map Based Fusion of Multimodal Brain Connectivity Networks for IQ Prediction. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2019</b> , 66, 2140-2151	5	16
80	Rhythmic Spontaneous Activity Mediates the Age-Related Decline in Somatosensory Function. <i>Cerebral Cortex</i> , <b>2019</b> , 29, 680-688	5.1	41
79	Children with Cerebral Palsy Hyper-Gate Somatosensory Stimulations of the Foot. <i>Cerebral Cortex</i> , <b>2018</b> , 28, 2431-2438	5.1	28
78	Estimation of Dynamic Sparse Connectivity Patterns From Resting State fMRI. <i>IEEE Transactions on Medical Imaging</i> , <b>2018</b> , 37, 1224-1234	11.7	25
77	Oscillatory dynamics in the dorsal and ventral attention networks during the reorienting of attention. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 2177-2190	5.9	36
76	Movement-Related Somatosensory Activity Is Altered in Patients with Multiple Sclerosis. <i>Brain Topography</i> , <b>2018</b> , 31, 700-707	4.3	4



75	Veterans with PTSD demonstrate amygdala hyperactivity while viewing threatening faces: A MEG study. <i>Biological Psychology</i> , <b>2018</b> , 132, 228-232	3.2	21
74	Altered Brain Dynamics in Patients With Type 1 Diabetes During Working Memory Processing. <i>Diabetes</i> , <b>2018</b> , 67, 1140-1148	0.9	19
73	The lifespan trajectory of neural oscillatory activity in the motor system. <i>Developmental Cognitive Neuroscience</i> , <b>2018</b> , 30, 159-168	5.5	42
72	tDCS Modulates Visual Gamma Oscillations and Basal Alpha Activity in Occipital Cortices: Evidence from MEG. <i>Cerebral Cortex</i> , <b>2018</b> , 28, 1597-1609	5.1	36
71	Fused Estimation of Sparse Connectivity Patterns From Rest fMRI-Application to Comparison of Children and Adult Brains. <i>IEEE Transactions on Medical Imaging</i> , <b>2018</b> , 37, 2165-2175	11.7	16
70	The peak frequency of motor-related gamma oscillations is modulated by response competition. <i>NeuroImage</i> , <b>2018</b> , 165, 27-34	7.9	21
69	Neurophysiological changes in the visuomotor network after practicing a motor task. <i>Journal of Neurophysiology</i> , <b>2018</b> , 120, 239-249	3.2	13
68	Aberrant occipital dynamics differentiate HIV-infected patients with and without cognitive impairment. <i>Brain</i> , <b>2018</b> , 141, 1678-1690	11.2	50
67	Aberrant oscillatory dynamics during somatosensory processing in HIV-infected adults. <i>NeuroImage: Clinical</i> , <b>2018</b> , 20, 85-91	5.3	35
66	Haptic exploration attenuates and alters somatosensory cortical oscillations. <i>Journal of Physiology</i> , <b>2018</b> , 596, 5051-5061	3.9	7
65	Altered Neural Dynamics during a Flanker Attention Task in Patients with Type 1 Diabetes. <i>Diabetes</i> , <b>2018</b> , 67, 1594-P	0.9	1
64	Capturing Dynamic Connectivity from Resting State fMRI using Time-Varying Graphical Lasso. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2018</b> ,	5	23
63	Attention training modulates resting-state neurophysiological abnormalities in posttraumatic stress disorder. <i>Psychiatry Research - Neuroimaging</i> , <b>2018</b> , 271, 135-141	2.9	8
62	Neural dynamics of selective attention deficits in HIV-associated neurocognitive disorder. <i>Neurology</i> , <b>2018</b> , 91, e1860-e1869	6.5	33
61	Polarity-dependent modulation of multi-spectral neuronal activity by transcranial direct current stimulation. <i>Cortex</i> , <b>2018</b> , 108, 222-233	3.8	21
60	Beta Oscillatory Dynamics in the Prefrontal and Superior Temporal Cortices Predict Spatial Working Memory Performance. <i>Scientific Reports</i> , <b>2018</b> , 8, 8488	4.9	21
59	Changing brain connectivity dynamics: From early childhood to adulthood. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 1108-1117	5.9	47
58	Aberrant Neuronal Dynamics during Working Memory Operations in the Aging HIV-Infected Brain. <i>Scientific Reports</i> , <b>2017</b> , 7, 41568	4.9	31

57	The cortical signature of symptom laterality in Parkinson's disease. <i>NeuroImage: Clinical</i> , <b>2017</b> , 14, 433-440	3.9	33
56	Spatiotemporal oscillatory dynamics of visual selective attention during a flanker task. <i>NeuroImage</i> , <b>2017</b> , 156, 277-285	7.9	61
55	Altered sensorimotor cortical oscillations in individuals with multiple sclerosis suggests a faulty internal model. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 4009-4018	5.9	16
54	Children with cerebral palsy have altered oscillatory activity in the motor and visual cortices during a knee motor task. <i>NeuroImage: Clinical</i> , <b>2017</b> , 15, 298-305	5.3	19
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