

Hartwig Roman Siebner

List of Publications by Year in descending order

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Version: 2024-02-01

239
papers

12,693
citations

46918

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33814

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docs citations

256
times ranked

13103
citing authors

#	ARTICLE	IF	CITATIONS
1	Glucocorticoid treatment for non-cerebral diseases in children and adolescents is associated with differences in uncinate fasciculus microstructure. <i>Pediatric Research</i> , 2022, 91, 879-887.	1.1	3
2	White matter diffusivity and its correlations to state measures of psychopathology in male refugees with posttraumatic stress disorder. <i>NeuroImage: Clinical</i> , 2022, 33, 102929.	1.4	3
3	Tools to explore neuroplasticity in humans: Combining interventional neurophysiology with functional and structural magnetic resonance imaging and spectroscopy. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2022, 184, 105-119.	1.0	6
4	A checklist for assessing the methodological quality of concurrent tES-fMRI studies (ContES) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 622	5.5	21
5	Locus Coeruleus Shows a Spatial Pattern of Structural Disintegration in Parkinson's Disease. <i>Movement Disorders</i> , 2022, 37, 479-489.	2.2	27
6	Sixteen Weeks of Aerobic Exercise does not Alter Resting-state Connectivity of the Precuneus in Patients with Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2022, 19, 171-177.	0.7	3
7	Gastric Emptying Is Not Delayed and Does Not Correlate With Attenuated Postprandial Blood Flow Increase in Medicated Patients With Early Parkinson's Disease. <i>Frontiers in Neurology</i> , 2022, 13, 828069.	1.1	2
8	Uncovering Cortical Units of Processing From Multi-Layered Connectomes. <i>Frontiers in Neuroscience</i> , 2022, 16, 836259.	1.4	0
9	Family-based cognitive behavioural therapy versus family-based relaxation therapy for obsessive-compulsive disorder in children and adolescents: protocol for a randomised clinical trial (the TECTO trial). <i>BMC Psychiatry</i> , 2022, 22, 204.	1.1	9
10	The Danish High-Risk and Resilience Study "VIA 15" A Study Protocol for the Third Clinical Assessment of a Cohort of 522 Children Born to Parents Diagnosed With Schizophrenia or Bipolar Disorder and Population-Based Controls. <i>Frontiers in Psychiatry</i> , 2022, 13, 809807.	1.3	3
11	Sense of agency as synecdoche: Multiple neurobiological mechanisms may underlie the phenomenon summarized as sense of agency. <i>Consciousness and Cognition</i> , 2022, 101, 103307.	0.8	7
12	Relationship between high-frequency activity in the cortical sensory and the motor hand areas, and their myelin content. <i>Brain Stimulation</i> , 2022, 15, 717-726.	0.7	6
13	Database of 25 validated coil models for electric field simulations for TMS. <i>Brain Stimulation</i> , 2022, 15, 697-706.	0.7	16
14	MO408: Hepatic Steatosis in Patients With Type 2 Diabetes and Chronic Kidney Disease. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, .	0.4	0
15	Add-On MEmantine to Dopamine Antagonism to Improve Negative Symptoms at First Psychosis- the AMEND Trial Protocol. <i>Frontiers in Psychiatry</i> , 2022, 13, .	1.3	3
16	Transcranial magnetic stimulation of the brain: What is stimulated? " A consensus and critical position paper. <i>Clinical Neurophysiology</i> , 2022, 140, 59-97.	0.7	124
17	Linking lesions in sensorimotor cortex to contralateral hand function in multiple sclerosis: a T MRI study. <i>Brain</i> , 2022, 145, 3522-3535.	3.7	6
18	Reduced frontostriatal response to expected value and reward prediction error in remitted monozygotic twins with mood disorders and their unaffected high-risk co-twins. <i>Psychological Medicine</i> , 2021, 51, 1637-1646.	2.7	9

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19	Hippocampal subfield morphology in monozygotic twins discordant for affective disorders. <i>Neuropsychopharmacology</i> , 2021, 46, 561-568.	2.8	4
20	Safety and recommendations for TMS use in healthy subjects and patient populations, with updates on training, ethical and regulatory issues: Expert Guidelines. <i>Clinical Neurophysiology</i> , 2021, 132, 269-306.	0.7	553
21	A contrast-adaptive method for simultaneous whole-brain and lesion segmentation in multiple sclerosis. <i>NeuroImage</i> , 2021, 225, 117471.	2.1	54
22	Brain Motor Network Changes in Parkinson's Disease: Evidence from Meta-Analytic Modeling. <i>Movement Disorders</i> , 2021, 36, 1180-1190.	2.2	26
23	Development of visual attention from age 7 to age 12 in children with familial high risk for schizophrenia or bipolar disorder. <i>Schizophrenia Research</i> , 2021, 228, 327-335.	1.1	0
24	Multimodal Assessment of Precentral Anodal TDCS: Individual Rise in Supplementary Motor Activity Scales With Increase in Corticospinal Excitability. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 639274.	1.0	4
25	A Bayesian reanalysis of the effects of hydroxychloroquine and azithromycin on viral carriage in patients with COVID-19. <i>PLoS ONE</i> , 2021, 16, e0245048.	1.1	12
26	The Myelin Content of the Human Precentral Hand Knob Reflects Interindividual Differences in Manual Motor Control at the Physiological and Behavioral Level. <i>Journal of Neuroscience</i> , 2021, 41, 3163-3179.	1.7	24
27	Reward signalling in brainstem nuclei under fluctuating blood glucose. <i>PLoS ONE</i> , 2021, 16, e0243899.	1.1	2
28	Postprandial Increase in Mesenteric Blood Flow is Attenuated in Parkinson's Disease: A Dynamic PC-MRI Study. <i>Journal of Parkinson's Disease</i> , 2021, 11, 545-557.	1.5	1
29	The impact of CT image parameters and skull heterogeneity modeling on the accuracy of transcranial focused ultrasound simulations. <i>Journal of Neural Engineering</i> , 2021, 18, 046041.	1.8	14
30	No detectable effect on visual responses using functional MRI in a rodent model of α -synuclein expression. <i>ENeuro</i> , 2021, 8, ENEURO.0516-20.2021.	0.9	0
31	Does pericentral mu-rhythm "power" corticomotor excitability? " A matter of EEG perspective. <i>Brain Stimulation</i> , 2021, 14, 713-722.	0.7	21
32	Using MR elastography to assess portal hypertension and response to beta-blockers in patients with cirrhosis. <i>Liver International</i> , 2021, 41, 2149-2158.	1.9	15
33	Double-Sine-Wave Quadri-Pulse Theta Burst Stimulation of Precentral Motor Hand Representation Induces Bidirectional Changes in Corticomotor Excitability. <i>Frontiers in Neurology</i> , 2021, 12, 673560.	1.1	3
34	Do glia provide the link between low-grade systemic inflammation and normal cognitive ageing? A ¹ H magnetic resonance spectroscopy study at 7 tesla. <i>Journal of Neurochemistry</i> , 2021, 159, 185-196.	2.1	11
35	Sensitivity and resolution improvement for in vivo magnetic resonance current-density imaging of the human brain. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 3131-3146.	1.9	4
36	Concurrent TMS-fMRI for causal network perturbation and proof of target engagement. <i>NeuroImage</i> , 2021, 237, 118093.	2.1	56

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37	Dimethyl Fumarate Treatment in Patients With Primary Progressive Multiple Sclerosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .	3.1	15
38	Ergodicity-breaking reveals time optimal decision making in humans. <i>PLoS Computational Biology</i> , 2021, 17, e1009217.	1.5	4
39	Right-left asymmetry in corticospinal tract microstructure and dexterity are uncoupled in late adulthood. <i>NeuroImage</i> , 2021, 240, 118405.	2.1	5
40	On the reconstruction of magnetic resonance current density images of the human brain: Pitfalls and perspectives. <i>NeuroImage</i> , 2021, 243, 118517.	2.1	5
41	In vivo tensor-valued diffusion MRI of focal demyelination in white and deep grey matter of rodents. <i>NeuroImage: Clinical</i> , 2021, 30, 102675.	1.4	7
42	Imaging cortical multiple sclerosis lesions with ultra-high field MRI. <i>NeuroImage: Clinical</i> , 2021, 32, 102847.	1.4	8
43	Smoking, cardiovascular risk factors and LRP2 gene variation: Associations with disease severity, cognitive function and brain structure in primary progressive multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 56, 103296.	0.9	4
44	Recording brain responses to TMS of primary motor cortex by EEG – utility of an optimized sham procedure. <i>NeuroImage</i> , 2021, 245, 118708.	2.1	41
45	Mapping cortico-subcortical sensitivity to 4 Hz amplitude modulation depth in human auditory system with functional MRI. <i>NeuroImage</i> , 2021, , 118745.	2.1	0
46	Limited Colocalization of Microbleeds and Microstructural Changes after Severe Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 581-592.	1.7	12
47	Does TMS of the precentral motor hand knob primarily stimulate the dorsal premotor cortex or the primary motor hand area?. <i>Brain Stimulation</i> , 2020, 13, 517-518.	0.7	23
48	Regional Myo-Inositol, Creatine, and Choline Levels Are Higher at Older Age and Scale Negatively with Visuospatial Working Memory: A Cross-Sectional Proton MR Spectroscopy Study at 7 Tesla on Normal Cognitive Ageing. <i>Journal of Neuroscience</i> , 2020, 40, 8149-8159.	1.7	36
49	Dopamine agonist treatment increases sensitivity to gamble outcomes in the hippocampus in de novo Parkinson’s disease. <i>NeuroImage: Clinical</i> , 2020, 28, 102362.	1.4	1
50	Motor fatigue is associated with asymmetric connectivity properties of the corticospinal tract in multiple sclerosis. <i>NeuroImage: Clinical</i> , 2020, 28, 102393.	1.4	5
51	Stimulating aged brains with transcranial direct current stimulation: Opportunities and challenges. <i>Psychiatry Research - Neuroimaging</i> , 2020, 306, 111179.	0.9	21
52	Low-frequency transcranial stimulation of pre-supplementary motor area alleviates levodopa-induced dyskinesia in Parkinson’s disease: a randomized cross-over trial. <i>Brain Communications</i> , 2020, 2, fcaal147.	1.5	13
53	Linking brain activity during sequential gambling to impulse control in Parkinson’s disease. <i>NeuroImage: Clinical</i> , 2020, 27, 102330.	1.4	8
54	Cerebellar – Premotor cortex interactions underlying visuomotor adaptation. <i>NeuroImage</i> , 2020, 220, 117142.	2.1	29

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55	Classification of α -synuclein-induced changes in the AAV α -synuclein rat model of Parkinson's disease using electrophysiological measurements of visual processing. <i>Scientific Reports</i> , 2020, 10, 11869.	1.6	4
56	Maintenance of muscle strength following a one-year resistance training program in older adults. <i>Experimental Gerontology</i> , 2020, 139, 111049.	1.2	7
57	Migraine with aura in women is not associated with structural thalamic abnormalities. <i>NeuroImage: Clinical</i> , 2020, 28, 102361.	1.4	10
58	Processing of Positive Visual Stimuli Before and After Symptoms Provocation in Posttraumatic Stress Disorder – A Functional Magnetic Resonance Imaging Study of Trauma-Affected Male Refugees. <i>Chronic Stress</i> , 2020, 4, 247054702091762.	1.7	4
59	Alterations in Task-Related Brain Activation in Children, Adolescents and Young Adults at Familial High-Risk for Schizophrenia or Bipolar Disorder - A Systematic Review. <i>Frontiers in Psychiatry</i> , 2020, 11, 632.	1.3	14
60	Disentangling white-matter damage from physiological fibre orientation dispersion in multiple sclerosis. <i>Brain Communications</i> , 2020, 2, fcaa077.	1.5	55
61	Beneficial effects of cerebellar tDCS on motor learning are associated with altered putamen-cerebellar connectivity: A simultaneous tDCS-fMRI study. <i>NeuroImage</i> , 2020, 223, 117363.	2.1	32
62	Discrete finger sequences are widely represented in human striatum. <i>Scientific Reports</i> , 2020, 10, 13189.	1.6	6
63	Functional and Structural Plasticity Co-express in a Left Premotor Region During Early Bimanual Skill Learning. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 310.	1.0	8
64	Two Coarse Spatial Patterns of Altered Brain Microstructure Predict Post-traumatic Amnesia in the Subacute Stage of Severe Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2020, 11, 800.	1.1	0
65	Impact of pretreatment interhemispheric hippocampal asymmetry on improvement in verbal learning following erythropoietin treatment in mood disorders: a randomized controlled trial. <i>Journal of Psychiatry and Neuroscience</i> , 2020, 45, 198-205.	1.4	5
66	Altered response to risky decisions and reward in patients with obsessive-compulsive disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2020, 45, 98-107.	1.4	7
67	Probing Context-Dependent Modulations of Ipsilateral Premotor-Motor Connectivity in Relapsing-Remitting Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2020, 11, 193.	1.1	4
68	Anterior and Posterior Left Inferior Frontal Gyrus Contribute to the Implementation of Grammatical Determiners During Language Production. <i>Frontiers in Psychology</i> , 2020, 11, 685.	1.1	19
69	Transducer modeling for accurate acoustic simulations of transcranial focused ultrasound stimulation. <i>Journal of Neural Engineering</i> , 2020, 17, 046010.	1.8	19
70	Guidelines for TMS/tES clinical services and research through the COVID-19 pandemic. <i>Brain Stimulation</i> , 2020, 13, 1124-1149.	0.7	78
71	Accurate and robust whole-head segmentation from magnetic resonance images for individualized head modeling. <i>NeuroImage</i> , 2020, 219, 117044.	2.1	73
72	Associations of neural processing of reward with posttraumatic stress disorder and secondary psychotic symptoms in trauma-affected refugees. <i>Høgskole Utbildning</i> , 2020, 11, 1730091.	1.4	9

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73	Brain damage by trauma. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 168, 39-49.	1.0	5
74	Progressive Effects of Sildenafil on Visual Processing in Rats. Neuroscience, 2020, 441, 131-141.	1.1	1
75	Maturational trajectories of white matter microstructure underlying the right presupplementary motor area reflect individual improvements in motor response cancellation in children and adolescents. NeuroImage, 2020, 220, 117105.	2.1	13
76	The influence of prolonged strength training upon muscle and fat in healthy and chronically diseased older adults. Experimental Gerontology, 2020, 136, 110939.	1.2	15
77	Probing EEG activity in the targeted cortex after focal transcranial electrical stimulation. Brain Stimulation, 2020, 13, 815-818.	0.7	5
78	Altered orbitofrontal sulcogyral patterns in gambling disorder: a multicenter study. Translational Psychiatry, 2019, 9, 186.	2.4	15
79	European Ultrahigh-Field Imaging Network for Neurodegenerative Diseases (EUFIND). Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 538-549.	1.2	17
80	Locus coeruleus imaging as a biomarker for noradrenergic dysfunction in neurodegenerative diseases. Brain, 2019, 142, 2558-2571.	3.7	219
81	Safety of transcranial focused ultrasound stimulation: A systematic review of the state of knowledge from both human and animal studies. Brain Stimulation, 2019, 12, 1367-1380.	0.7	86
82	Accurate anatomical head segmentations: a data set for biomedical simulations. , 2019, 2019, 6118-6123.		6
83	Whole-Brain Exploratory Analysis of Functional Task Response Following Erythropoietin Treatment in Mood Disorders: A Supervised Machine Learning Approach. Frontiers in Neuroscience, 2019, 13, 1246.	1.4	2
84	Accessibility of cortical regions to focal TES: Dependence on spatial position, safety, and practical constraints. NeuroImage, 2019, 203, 116183.	2.1	67
85	A superior ability to suppress fast inappropriate responses in children with Tourette syndrome is further improved by prospect of reward. Neuropsychologia, 2019, 131, 342-352.	0.7	7
86	A peek into premonitory urges in Tourette syndrome: Temporal evolution of neurophysiological oscillatory signatures. Parkinsonism and Related Disorders, 2019, 65, 153-158.	1.1	10
87	No trace of phase: Corticomotor excitability is not tuned by phase of pericentral mu-rhythm. Brain Stimulation, 2019, 12, 1261-1270.	0.7	70
88	Previous glucocorticoid treatment in childhood and adolescence is associated with long-term differences in subcortical grey matter volume and microstructure. NeuroImage: Clinical, 2019, 23, 101825.	1.4	4
89	Fast Intracortical Sensory-Motor Integration: A Window Into the Pathophysiology of Parkinson's Disease. Frontiers in Human Neuroscience, 2019, 13, 111.	1.0	34
90	The stray magnetic fields in Magnetic Resonance Current Density Imaging (MRCDI). Physica Medica, 2019, 59, 142-150.	0.4	12

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91	Transcranial direct current stimulation over the sensory-motor regions inhibits gamma synchrony. <i>Human Brain Mapping</i> , 2019, 40, 2736-2746.	1.9	37
92	Can Transcranial Electrical Stimulation Localize Brain Function?. <i>Frontiers in Psychology</i> , 2019, 10, 213.	1.1	48
93	Unmixing Oscillatory Brain Activity by EEG Source Localization and Empirical Mode Decomposition. <i>Computational Intelligence and Neuroscience</i> , 2019, 2019, 1-15.	1.1	13
94	Distilling the essence of TMS-evoked EEG potentials (TEPs): A call for securing mechanistic specificity and experimental rigor. <i>Brain Stimulation</i> , 2019, 12, 1051-1054.	0.7	42
95	Neuroimaging biomarkers for clinical trials in atypical parkinsonian disorders: Proposal for a Neuroimaging Biomarker Utility System. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 301-309.	1.2	30
96	Disease-informed brain mapping teaches important lessons about the human brain. <i>NeuroImage</i> , 2019, 190, 1-3.	2.1	0
97	Individuals with 22q11.2 deletion syndrome show intact prediction but reduced adaptation in responses to repeated sounds: Evidence from Bayesian mapping. <i>NeuroImage: Clinical</i> , 2019, 22, 101721.	1.4	6
98	<p>Neuroimaging Of Cold Allodynia Reveals A Central Disinhibition Mechanism Of Pain</p>. <i>Journal of Pain Research</i> , 2019, Volume 12, 3055-3066.	0.8	7
99	The BDNF Val66Met Polymorphism Has No Effect on Encoding-Related Hippocampal Response But Influences Recall in Remitted Patients With Bipolar Disorder. <i>Frontiers in Psychiatry</i> , 2019, 10, 845.	1.3	2
100	Alteration of functional brain architecture in 22q11.2 deletion syndrome – Insights into susceptibility for psychosis. <i>NeuroImage</i> , 2019, 190, 154-171.	2.1	18
101	Getting to grips with endoscopy - Learning endoscopic surgical skills induces bi-hemispheric plasticity of the grasping network. <i>NeuroImage</i> , 2019, 189, 32-44.	2.1	15
102	The role of dopamine in the brain - lessons learned from Parkinson's disease. <i>NeuroImage</i> , 2019, 190, 79-93.	2.1	123
103	Neural response during emotion regulation in monozygotic twins at high familial risk of affective disorders. <i>NeuroImage: Clinical</i> , 2019, 21, 101598.	1.4	34
104	The non-transcranial TMS-evoked potential is an inherent source of ambiguity in TMS-EEG studies. <i>NeuroImage</i> , 2019, 185, 300-312.	2.1	246
105	Use-Dependent Plasticity in Human Primary Motor Hand Area: Synergistic Interplay Between Training and Immobilization. <i>Cerebral Cortex</i> , 2019, 29, 356-371.	1.6	32
106	Structural and cognitive correlates of fatigue in progressive multiple sclerosis. <i>Neurological Research</i> , 2019, 41, 168-176.	0.6	14
107	Sensorimotor subthalamic stimulation restores risk-reward trade-off in Parkinson's disease. <i>Movement Disorders</i> , 2019, 34, 366-376.	2.2	30
108	Functional neuroimaging of recovery from motor conversion disorder: A case report. <i>NeuroImage</i> , 2019, 190, 269-274.	2.1	9

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109	Neural response to emotional faces in monozygotic twins: association with familial risk of affective disorders. <i>Journal of Psychiatry and Neuroscience</i> , 2019, 44, 277-286.	1.4	4
110	Ergodicity-Breaking Reveals Time Optimal Economic Behavior in Humans. , 2019, , .		5
111	Theta Burst Stimulation with Ultra-high Frequency Quadri-pulse Bursts Induces Metaplasticity in Human Primary Motor Cortex. <i>Neuropediatrics</i> , 2019, 50, .	0.3	0
112	Fairness, fast and slow: A review of dual process models of fairness. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 89, 49-60.	2.9	33
113	Reply to "œs it significant? Is it relevant?" <i>Clinical Neurophysiology</i> , 2018, 129, 887.	0.7	0
114	Altered auditory processing and effective connectivity in 22q11.2 deletion syndrome. <i>Schizophrenia Research</i> , 2018, 197, 328-336.	1.1	24
115	Congenital olfactory impairment is linked to cortical changes in prefrontal and limbic brain regions. <i>Brain Imaging and Behavior</i> , 2018, 12, 1569-1582.	1.1	32
116	Task-Modulated Cortical Representations of Natural Sound Source Categories. <i>Cerebral Cortex</i> , 2018, 28, 295-306.	1.6	10
117	Migraine with visual aura associated with thicker visual cortex. <i>Brain</i> , 2018, 141, 776-785.	3.7	52
118	Risk for affective disorders is associated with greater prefrontal gray matter volumes: A prospective longitudinal study. <i>NeuroImage: Clinical</i> , 2018, 17, 786-793.	1.4	13
119	Human in-vivo brain magnetic resonance current density imaging (MRCDI). <i>NeuroImage</i> , 2018, 171, 26-39.	2.1	44
120	Total brain, cortical, and white matter volumes in children previously treated with glucocorticoids. <i>Pediatric Research</i> , 2018, 83, 804-812.	1.1	9
121	Mapping dexterity and handedness: recent insights and future challenges. <i>Current Opinion in Behavioral Sciences</i> , 2018, 20, 123-129.	2.0	34
122	Patient profiling for success after weight loss surgery (GO Bypass study): An interdisciplinary study protocol. <i>Contemporary Clinical Trials Communications</i> , 2018, 10, 121-130.	0.5	16
123	Healthy minds "100 years: Optimising the use of European brain imaging cohorts ("œLifebrain"). <i>European Psychiatry</i> , 2018, 50, 47-56.	0.1	53
124	Automatic skull segmentation from MR images for realistic volume conductor models of the head: Assessment of the state-of-the-art. <i>NeuroImage</i> , 2018, 174, 587-598.	2.1	198
125	22q11.2 Deletion Syndrome Is Associated With Impaired Auditory Steady-State Gamma Response. <i>Schizophrenia Bulletin</i> , 2018, 44, 388-397.	2.3	33
126	Neuroticism predicts the impact of serotonin challenges on fear processing in subgenual anterior cingulate cortex. <i>Scientific Reports</i> , 2018, 8, 17889.	1.6	12

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127	Peak-projection algorithm to target the phase of cortical oscillations in real-time. , 2018, , .		0
128	The Danish High Risk and Resilience Studyâ€”VIA 11: Study Protocol for the First Follow-Up of the VIA 7 Cohort âˆ”522 Children Born to Parents With Schizophrenia Spectrum Disorders or Bipolar Disorder and Controls Being Re-examined for the First Time at Age 11. <i>Frontiers in Psychiatry</i> , 2018, 9, 661.	1.3	27
129	Theta Activity in the Left Dorsal Premotor Cortex During Action Re-Evaluation and Motor Reprogramming. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 364.	1.0	30
130	Cerebellar and premotor activity during a non-fatiguing grip task reflects motor fatigue in relapsing-remitting multiple sclerosis. <i>PLoS ONE</i> , 2018, 13, e0201162.	1.1	7
131	A 16-Week Aerobic Exercise Intervention Does Not Affect Hippocampal Volume and Cortical Thickness in Mild to Moderate Alzheimerâ€™s Disease. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 293.	1.7	27
132	The effect of physical exercise on cerebral blood flow in Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2018, 20, 650-654.	1.4	67
133	Muscle-selective disinhibition of corticomotor representations using a motor imagery-based brain-computer interface. <i>NeuroImage</i> , 2018, 183, 597-605.	2.1	23
134	Neural Response After a Single ECT Session During Retrieval of Emotional Self-Referent Words in Depression: A Randomized, Sham-Controlled fMRI Study. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 226-235.	1.0	5
135	Spectral signatures of neurodegenerative diseases: how to decipher them?. <i>Brain</i> , 2018, 141, 2241-2244.	3.7	4
136	Towards a biomarker model for cognitive improvement: No change in memory-related prefrontal engagement following a negative cognitive remediation trial in bipolar disorder. <i>Journal of Psychopharmacology</i> , 2018, 32, 1075-1085.	2.0	14
137	Effects of patterned peripheral nerve stimulation on soleus spinal motor neuron excitability. <i>PLoS ONE</i> , 2018, 13, e0192471.	1.1	11
138	FV 588. Probing Homeostatic and Metaplastic Mechanisms of Synaptic Plasticity in Human Primary Motor Cortex Using High-Frequent Quadri-pulse Theta Burst Stimulation. , 2018, 49, .		0
139	Guiding transcranial brain stimulation by EEG/MEG to interact with ongoing brain activity and associated functions: A position paper. <i>Clinical Neurophysiology</i> , 2017, 128, 843-857.	0.7	211
140	Modulation of frontoâ€”parietal connections during the rubber hand illusion. <i>European Journal of Neuroscience</i> , 2017, 45, 964-974.	1.2	28
141	The impact of large structural brain changes in chronic stroke patients on the electric field caused by transcranial brain stimulation. <i>NeuroImage: Clinical</i> , 2017, 15, 106-117.	1.4	84
142	Does a single session of electroconvulsive therapy alter the neural response to emotional faces in depression? A randomised sham-controlled functional magnetic resonance imaging study. <i>Journal of Psychopharmacology</i> , 2017, 31, 1215-1224.	2.0	9
143	The role of highâ€”field magnetic resonance imaging in parkinsonian disorders: Pushing the boundaries forward. <i>Movement Disorders</i> , 2017, 32, 510-525.	2.2	92
144	Global brain atrophy and metabolic dysfunction in LGI1 encephalitis: A prospective multimodal MRI study. <i>Journal of the Neurological Sciences</i> , 2017, 376, 159-165.	0.3	28

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145	Imaging the Creative Unconscious: Reflexive Neural Responses to Objects in the Visual and Parahippocampal Region Predicts State and Trait Creativity. <i>Scientific Reports</i> , 2017, 7, 14420.	1.6	4
146	How to target inter-regional phase synchronization with dual-site Transcranial Alternating Current Stimulation. <i>NeuroImage</i> , 2017, 163, 68-80.	2.1	94
147	Glucocorticoid treatment earlier in childhood and adolescence show dose-response associations with diurnal cortisol levels. <i>Developmental Psychobiology</i> , 2017, 59, 1010-1020.	0.9	4
148	Statistical data analyses for clinical neurophysiology. <i>Clinical Neurophysiology</i> , 2017, 128, 1837-1838.	0.7	6
149	Subcortical and cortical correlates of pitch discrimination: Evidence for two levels of neuroplasticity in musicians. <i>NeuroImage</i> , 2017, 163, 398-412.	2.1	36
150	Comparison of analytical methods of brain [18F]FDG-PET after severe traumatic brain injury. <i>Journal of Neuroscience Methods</i> , 2017, 291, 176-181.	1.3	8
151	Centre-surround organization of fast sensorimotor integration in human motor hand area. <i>NeuroImage</i> , 2017, 158, 37-47.	2.1	47
152	High-dose erythropoietin in patients with progressive multiple sclerosis: A randomized, placebo-controlled, phase 2 trial. <i>Multiple Sclerosis Journal</i> , 2017, 23, 675-685.	1.4	38
153	Pharmacologically Induced Sex Hormone Fluctuation Effects on Resting-State Functional Connectivity in a Risk Model for Depression: A Randomized Trial. <i>Neuropsychopharmacology</i> , 2017, 42, 446-453.	2.8	31
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