

# Hartwig Roman Siebner

## List of Publications by Year in descending order

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Version: 2024-02-01

239  
papers

12,693  
citations

47006

47  
h-index

31849

101  
g-index

256  
all docs

256  
docs citations

256  
times ranked

13103  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS). <i>Clinical Neurophysiology</i> , 2014, 125, 2150-2206.	1.5	1,647
2	Transcranial magnetic stimulation: new insights into representational cortical plasticity. <i>Experimental Brain Research</i> , 2003, 148, 1-16.	1.5	665
3	Preconditioning of Low-Frequency Repetitive Transcranial Magnetic Stimulation with Transcranial Direct Current Stimulation: Evidence for Homeostatic Plasticity in the Human Motor Cortex. <i>Journal of Neuroscience</i> , 2004, 24, 3379-3385.	3.6	659
4	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.	1.5	553
5	Consensus: Motor cortex plasticity protocols. <i>Brain Stimulation</i> , 2008, 1, 164-182.	1.6	529
6	Continuous intrathecal baclofen infusions induced a marked increase of the transcranially evoked silent period in a patient with generalized dystonia. <i>Muscle and Nerve</i> , 1998, 21, 1209-1212.	2.2	371
7	Task-specific hand dystonia: can too much plasticity be bad for you?. <i>Trends in Neurosciences</i> , 2006, 29, 192-199.	8.6	306
8	Consensus paper: Combining transcranial stimulation with neuroimaging. <i>Brain Stimulation</i> , 2009, 2, 58-80.	1.6	299
9	Combining non-invasive transcranial brain stimulation with neuroimaging and electrophysiology: Current approaches and future perspectives. <i>NeuroImage</i> , 2016, 140, 4-19.	4.2	271
10	The non-transcranial TMS-evoked potential is an inherent source of ambiguity in TMS-EEG studies. <i>NeuroImage</i> , 2019, 185, 300-312.	4.2	246
11	Locus coeruleus imaging as a biomarker for noradrenergic dysfunction in neurodegenerative diseases. <i>Brain</i> , 2019, 142, 2558-2571.	7.6	219
12	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.	1.5	211
13	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.	4.2	198
14	Patients with focal arm dystonia have increased sensitivity to slow-frequency repetitive TMS of the dorsal premotor cortex. <i>Brain</i> , 2003, 126, 2710-2725.	7.6	191
15	EEG-Guided Transcranial Magnetic Stimulation Reveals Rapid Shifts in Motor Cortical Excitability during the Human Sleep Slow Oscillation. <i>Journal of Neuroscience</i> , 2012, 32, 243-253.	3.6	181
16	Effects on the right motor hand area excitability produced by low-frequency rTMS over human contralateral homologous cortex. <i>Journal of Physiology</i> , 2003, 551, 563-573.	2.9	151
17	Consensus Paper: Probing Homeostatic Plasticity of Human Cortex With Non-invasive Transcranial Brain Stimulation. <i>Brain Stimulation</i> , 2015, 8, 442-454.	1.6	138
18	Transcranial magnetic stimulation of the brain: What is stimulated? – A consensus and critical position paper. <i>Clinical Neurophysiology</i> , 2022, 140, 59-97.	1.5	124

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19	The role of dopamine in the brain - lessons learned from Parkinson's disease. <i>NeuroImage</i> , 2019, 190, 79-93.	4.2	123
20	Interpolation of diffusion weighted imaging datasets. <i>NeuroImage</i> , 2014, 103, 202-213.	4.2	122
21	Stimulus intensity and coil characteristics influence the efficacy of rTMS to suppress cortical excitability. <i>Clinical Neurophysiology</i> , 2006, 117, 2292-2301.	1.5	119
22	The effect of handedness on the shape of the central sulcus. <i>NeuroImage</i> , 2012, 60, 332-339.	4.2	110
23	Natalizumab in progressive MS. <i>Neurology</i> , 2014, 82, 1499-1507.	1.1	110
24	Role of Serotonin Transporter Changes in Depressive Responses to Sex-Steroid Hormone Manipulation: A Positron Emission Tomography Study. <i>Biological Psychiatry</i> , 2015, 78, 534-543.	1.3	108
25	Inter-subject and Inter-session Variability of Plasticity Induction by Non-invasive Brain Stimulation: Boon or Bane?. <i>Brain Stimulation</i> , 2015, 8, 662-663.	1.6	100
26	Long-Term Consequences of Switching Handedness: A Positron Emission Tomography Study on Handwriting in "Converted" Left-Handers. <i>Journal of Neuroscience</i> , 2002, 22, 2816-2825.	3.6	97
27	The Center for Integrated Molecular Brain Imaging (Cimbi) database. <i>NeuroImage</i> , 2016, 124, 1213-1219.	4.2	95
28	How to target inter-regional phase synchronization with dual-site Transcranial Alternating Current Stimulation. <i>NeuroImage</i> , 2017, 163, 68-80.	4.2	94
29	Dissociating Parieto-Frontal Networks for Phonological and Semantic Word Decisions: A Condition-and-Perturb TMS Study. <i>Cerebral Cortex</i> , 2016, 26, 2590-2601.	2.9	93
30	The role of high-field magnetic resonance imaging in parkinsonian disorders: Pushing the boundaries forward. <i>Movement Disorders</i> , 2017, 32, 510-525.	3.9	92
31	Bringing transcranial mapping into shape: Sulcus-aligned mapping captures motor somatotopy in human primary motor hand area. <i>NeuroImage</i> , 2015, 120, 164-175.	4.2	90
32	Safety of transcranial focused ultrasound stimulation: A systematic review of the state of knowledge from both human and animal studies. <i>Brain Stimulation</i> , 2019, 12, 1367-1380.	1.6	86
33	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.	2.7	84
34	Effects of Erythropoietin on Hippocampal Volume and Memory in Mood Disorders. <i>Biological Psychiatry</i> , 2015, 78, 270-277.	1.3	83
35	Transcranial brain stimulation: closing the loop between brain and stimulation. <i>Current Opinion in Neurology</i> , 2016, 29, 397-404.	3.6	83
36	Guidelines for TMS/tES clinical services and research through the COVID-19 pandemic. <i>Brain Stimulation</i> , 2020, 13, 1124-1149.	1.6	78

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37	High nigral iron deposition in LRRK2 and Parkin mutation carriers using R2* relaxometry. <i>Movement Disorders</i> , 2015, 30, 1077-1084.	3.9	77
38	Migraine with aura and risk of silent brain infarcts and white matter hyperintensities: an MRI study. <i>Brain</i> , 2016, 139, 2015-2023.	7.6	74
39	Accurate and robust whole-head segmentation from magnetic resonance images for individualized head modeling. <i>NeuroImage</i> , 2020, 219, 117044.	4.2	73
40	No trace of phase: Corticomotor excitability is not tuned by phase of pericentral mu-rhythm. <i>Brain Stimulation</i> , 2019, 12, 1261-1270.	1.6	70
41	Nurture versus Nature: Long-Term Impact of Forced Right-Handedness on Structure of Pericentral Cortex and Basal Ganglia. <i>Journal of Neuroscience</i> , 2010, 30, 3271-3275.	3.6	68
42	The effect of physical exercise on cerebral blood flow in Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2018, 20, 650-654.	2.7	67
43	Accessibility of cortical regions to focal TES: Dependence on spatial position, safety, and practical constraints. <i>NeuroImage</i> , 2019, 203, 116183.	4.2	67
44	Abnormal dopaminergic modulation of striato-cortical networks underlies levodopa-induced dyskinesias in humans. <i>Brain</i> , 2015, 138, 1658-1666.	7.6	65
45	Concurrent TMS-fMRI for causal network perturbation and proof of target engagement. <i>NeuroImage</i> , 2021, 237, 118093.	4.2	56
46	Can Left-Handedness be Switched? Insights from an Early Switch of Handwriting. <i>Journal of Neuroscience</i> , 2007, 27, 7847-7853.	3.6	55
47	Disentangling white-matter damage from physiological fibre orientation dispersion in multiple sclerosis. <i>Brain Communications</i> , 2020, 2, fcaa077.	3.3	55
48	A contrast-adaptive method for simultaneous whole-brain and lesion segmentation in multiple sclerosis. <i>NeuroImage</i> , 2021, 225, 117471.	4.2	54
49	Low-Frequency Transcranial Magnetic Stimulation over Left Dorsal Premotor Cortex Improves the Dynamic Control of Visuospatially Cued Actions. <i>Journal of Neuroscience</i> , 2010, 30, 9216-9223.	3.6	53
50	<scp>R</scp>estingâ€state connectivity predicts levodopaâ€induced dyskinesias in <scp>P</scp>arkinson's disease. <i>Movement Disorders</i> , 2016, 31, 521-529.	3.9	53
51	Healthy minds 0â€100 years: Optimising the use of European brain imaging cohorts (â€œLifebrainâ€). <i>European Psychiatry</i> , 2018, 50, 47-56.	0.2	53
52	Migraine with visual aura associated with thicker visual cortex. <i>Brain</i> , 2018, 141, 776-785.	7.6	52
53	Levodopa reinstates connectivity from prefrontal to premotor cortex during externally paced movement in Parkinson's disease. <i>NeuroImage</i> , 2014, 90, 15-23.	4.2	51
54	Variation in the oxytocin receptor gene is associated with behavioral and neural correlates of empathic accuracy. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 423.	2.0	49

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55	Modeling the effects of noninvasive transcranial brain stimulation at the biophysical, network, and cognitive level. <i>Progress in Brain Research</i> , 2015, 222, 261-287.	1.4	49
56	Can Transcranial Electrical Stimulation Localize Brain Function?. <i>Frontiers in Psychology</i> , 2019, 10, 213.	2.1	48
57	Centre-surround organization of fast sensorimotor integration in human motor hand area. <i>NeuroImage</i> , 2017, 158, 37-47.	4.2	47
58	Sex-Steroid Hormone Manipulation Reduces Brain Response to Reward. <i>Neuropsychopharmacology</i> , 2016, 41, 1057-1065.	5.4	46
59	Changes in handwriting resulting from bilateral high-frequency stimulation of the subthalamic nucleus in Parkinson's disease. <i>Movement Disorders</i> , 1999, 14, 964-971.	3.9	45
60	Influence of Waveform and Current Direction on Short-Interval Intracortical Facilitation: A Paired-Pulse TMS Study. <i>Brain Stimulation</i> , 2014, 7, 49-58.	1.6	44
61	Human in-vivo brain magnetic resonance current density imaging (MRCDI). <i>NeuroImage</i> , 2018, 171, 26-39.	4.2	44
62	Multiple sclerosis impairs regional functional connectivity in the cerebellum. <i>NeuroImage: Clinical</i> , 2014, 4, 130-138.	2.7	42
63	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.	1.6	42
64	Brain correlates of fast and slow handwriting in humans: a PET-performance correlation analysis. <i>European Journal of Neuroscience</i> , 2001, 14, 726-736.	2.6	41
65	Recording brain responses to TMS of primary motor cortex by EEG – utility of an optimized sham procedure. <i>NeuroImage</i> , 2021, 245, 118708.	4.2	41
66	Dopamine Replacement Modulates Oscillatory Coupling Between Premotor and Motor Cortical Areas in Parkinson's Disease. <i>Cerebral Cortex</i> , 2014, 24, 2873-2883.	2.9	38
67	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.	3.0	38
68	Threat-related amygdala functional connectivity is associated with 5-HTTLPR genotype and neuroticism. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 140-149.	3.0	37
69	Transcranial direct current stimulation over the sensory-motor regions inhibits gamma synchrony. <i>Human Brain Mapping</i> , 2019, 40, 2736-2746.	3.6	37
70	Subcortical and cortical correlates of pitch discrimination: Evidence for two levels of neuroplasticity in musicians. <i>NeuroImage</i> , 2017, 163, 398-412.	4.2	36
71	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.	3.6	36
72	Three-Week Bright-Light Intervention Has Dose-Related Effects on Threat-Related Corticolimbic Reactivity and Functional Coupling. <i>Biological Psychiatry</i> , 2014, 76, 332-339.	1.3	34

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73	Microstructural asymmetry of the corticospinal tracts predicts rightâ€‘left differences in circle drawing skill in right-handed adolescents. <i>Brain Structure and Function</i> , 2016, 221, 4475-4489.	2.3	34
74	Mapping dexterity and handedness: recent insights and future challenges. <i>Current Opinion in Behavioral Sciences</i> , 2018, 20, 123-129.	3.9	34
75	Fast Intracortical Sensory-Motor Integration: A Window Into the Pathophysiology of Parkinsonâ€™s Disease. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 111.	2.0	34
76	Neural response during emotion regulation in monozygotic twins at high familial risk of affective disorders. <i>NeuroImage: Clinical</i> , 2019, 21, 101598.	2.7	34
77	Fairness, fast and slow: A review of dual process models of fairness. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 89, 49-60.	6.1	33
78	22q11.2 Deletion Syndrome Is Associated With Impaired Auditory Steady-State Gamma Response. <i>Schizophrenia Bulletin</i> , 2018, 44, 388-397.	4.3	33
79	Simultaneous Assessment of White Matter Changes in Microstructure and Connectedness in the Blind Brain. <i>Neural Plasticity</i> , 2016, 2016, 1-12.	2.2	32
80	Congenital olfactory impairment is linked to cortical changes in prefrontal and limbic brain regions. <i>Brain Imaging and Behavior</i> , 2018, 12, 1569-1582.	2.1	32
81	Use-Dependent Plasticity in Human Primary Motor Hand Area: Synergistic Interplay Between Training and Immobilization. <i>Cerebral Cortex</i> , 2019, 29, 356-371.	2.9	32
82	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.	4.2	32
83	Brain microstructural correlates of visuospatial choice reaction time in children. <i>NeuroImage</i> , 2011, 58, 1090-1100.	4.2	31
84	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.	5.4	31
85	Aberrant neural signatures of decision-making: Pathological gamblers display cortico-striatal hypersensitivity to extreme gambles. <i>NeuroImage</i> , 2016, 128, 342-352.	4.2	30
86	Theta Activity in the Left Dorsal Premotor Cortex During Action Re-Evaluation and Motor Reprogramming. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 364.	2.0	30
87	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.	2.4	30
88	Sensorimotor subthalamic stimulation restores riskâ€‘reward tradeâ€‘off in Parkinson's disease. <i>Movement Disorders</i> , 2019, 34, 366-376.	3.9	30
89	Cerebellar â€‘ Premotor cortex interactions underlying visuomotor adaptation. <i>NeuroImage</i> , 2020, 220, 117142.	4.2	29
90	Blindness alters the microstructure of the ventral but not the dorsal visual stream. <i>Brain Structure and Function</i> , 2016, 221, 2891-2903.	2.3	28

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91	Modulation of frontoâ€parietal connections during the rubber hand illusion. <i>European Journal of Neuroscience</i> , 2017, 45, 964-974.	2.6	28
92	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.	0.6	28
93	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.	2.6	27
94	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.	3.4	27
95	Locus Coeruleus Shows a Spatial Pattern of Structural Disintegration in Parkinson's Disease. <i>Movement Disorders</i> , 2022, 37, 479-489.	3.9	27
96	Probing the involvement of the right hemisphere in language processing with online transcranial magnetic stimulation in healthy volunteers. <i>Aphasiology</i> , 2012, 26, 1131-1152.	2.2	26
97	Brain Motor Network Changes in Parkinson's Disease: Evidence from Metaâ€Analytic Modeling. <i>Movement Disorders</i> , 2021, 36, 1180-1190.	3.9	26
98	The Role of Pulse Shape in Motor Cortex Transcranial Magnetic Stimulation Using Full-Sine Stimuli. <i>PLoS ONE</i> , 2014, 9, e115247.	2.5	25
99	Tuning the Brake While Raising the Stake: Network Dynamics during Sequential Decision-Making. <i>Journal of Neuroscience</i> , 2016, 36, 5417-5426.	3.6	25
100	Altered auditory processing and effective connectivity in 22q11.2 deletion syndrome. <i>Schizophrenia Research</i> , 2018, 197, 328-336.	2.0	24
101	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.	3.6	24
102	Quadri-Pulse Theta Burst Stimulation using Ultra-High Frequency Bursts â€” A New Protocol to Induce Changes in Cortico-Spinal Excitability in Human Motor Cortex. <i>PLoS ONE</i> , 2016, 11, e0168410.	2.5	24
103	Fluctuations in [11C]SB207145 PET Binding Associated with Change in Threat-Related Amygdala Reactivity in Humans. <i>Neuropsychopharmacology</i> , 2015, 40, 1510-1518.	5.4	23
104	The (in)consistency of changes in brain macrostructure in male paedophiles: A combined T1-weighted and diffusion tensor imaging study. <i>Journal of Psychiatric Research</i> , 2015, 68, 246-253.	3.1	23
105	Monthly oral methylprednisolone pulse treatment in progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2016, 22, 926-934.	3.0	23
106	Muscle-selective disinhibition of corticomotor representations using a motor imagery-based brain-computer interface. <i>NeuroImage</i> , 2018, 183, 597-605.	4.2	23
107	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.	1.6	23
108	Physical activity as intervention for age-related loss of muscle mass and function: protocol for a randomised controlled trial (the LISA study). <i>BMJ Open</i> , 2016, 6, e012951.	1.9	22

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109	Stimulating aged brains with transcranial direct current stimulation: Opportunities and challenges. <i>Psychiatry Research - Neuroimaging</i> , 2020, 306, 111179.	1.8	21
110	Does pericentral mu-rhythm "power" corticomotor excitability? " A matter of EEG perspective. <i>Brain Stimulation</i> , 2021, 14, 713-722.	1.6	21
111	A checklist for assessing the methodological quality of concurrent tES-fMRI studies (ContES) <a href="https://doi.org/10.1016/j.clinph.2021.105710">https://doi.org/10.1016/j.clinph.2021.105710</a>	12.0	21
112	Neural correlates of taste perception in congenital olfactory impairment. <i>Neuropsychologia</i> , 2014, 62, 297-305.	1.6	20
113	Effects of selective serotonin reuptake inhibition on neural activity related to risky decisions and monetary rewards in healthy males. <i>NeuroImage</i> , 2014, 99, 434-442.	4.2	19
114	Joint Contribution of Left Dorsal Premotor Cortex and Supramarginal Gyrus to Rapid Action Reprogramming. <i>Brain Stimulation</i> , 2015, 8, 945-952.	1.6	19
115	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.	2.1	19
116	Transducer modeling for accurate acoustic simulations of transcranial focused ultrasound stimulation. <i>Journal of Neural Engineering</i> , 2020, 17, 046010.	3.5	19
117	Rippling the cortex with high-frequency (>100 Hz) alternating current stimulation. <i>Journal of Physiology</i> , 2010, 588, 4851-4852.	2.9	18
118	Increased beta rhythm as an indicator of inhibitory mechanisms in tourette syndrome. <i>Movement Disorders</i> , 2016, 31, 384-392.	3.9	18
119	Altered sensorimotor activation patterns in idiopathic dystonia: an activation likelihood estimation meta-analysis of functional brain imaging studies. <i>Human Brain Mapping</i> , 2016, 37, 547-557.	3.6	18
120	Alteration of functional brain architecture in 22q11.2 deletion syndrome " Insights into susceptibility for psychosis. <i>NeuroImage</i> , 2019, 190, 154-171.	4.2	18
121	Secondary Progressive and Relapsing Remitting Multiple Sclerosis Leads to Motor-Related Decreased Anatomical Connectivity. <i>PLoS ONE</i> , 2014, 9, e95540.	2.5	17
122	European Ultrahigh-Field Imaging Network for Neurodegenerative Diseases (EUFIND). <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 538-549.	2.4	17
123	Normalizing Biased Spatial Attention With Parietal rTMS in a Patient With Focal Hand Dystonia. <i>Brain Stimulation</i> , 2014, 7, 912-914.	1.6	16
124	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.	1.1	16
125	Database of 25 validated coil models for electric field simulations for TMS. <i>Brain Stimulation</i> , 2022, 15, 697-706.	1.6	16
126	Non-parametric Bayesian graph models reveal community structure in resting state fMRI. <i>NeuroImage</i> , 2014, 100, 301-315.	4.2	15



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127	Transcranial Magnetic Stimulation: An Automated Procedure to Obtain Coil-specific Models for Field Calculations. <i>Brain Stimulation</i> , 2015, 8, 1205-1208.	1.6	15
128	Altered orbitofrontal sulcogyral patterns in gambling disorder: a multicenter study. <i>Translational Psychiatry</i> , 2019, 9, 186.	4.8	15
129	Getting to grips with endoscopy - Learning endoscopic surgical skills induces bi-hemispheric plasticity of the grasping network. <i>NeuroImage</i> , 2019, 189, 32-44.	4.2	15
130	The influence of prolonged strength training upon muscle and fat in healthy and chronically diseased older adults. <i>Experimental Gerontology</i> , 2020, 136, 110939.	2.8	15
131	Using MR elastography to assess portal hypertension and response to beta-blockers in patients with cirrhosis. <i>Liver International</i> , 2021, 41, 2149-2158.	3.9	15
132	Dimethyl Fumarate Treatment in Patients With Primary Progressive Multiple Sclerosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .	6.0	15
133	Planning and production of grammatical and lexical verbs in multi-word messages. <i>PLoS ONE</i> , 2017, 12, e0186685.	2.5	15
134	The Danish 22q11 research initiative. <i>BMC Psychiatry</i> , 2015, 15, 220.	2.6	14
135	The Resting Motor Threshold – Restless or Resting? A Repeated Threshold Hunting Technique to Track Dynamic Changes in Resting Motor Threshold. <i>Brain Stimulation</i> , 2015, 8, 1191-1194.	1.6	14
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.	4.0	14
137	Structural and cognitive correlates of fatigue in progressive multiple sclerosis. <i>Neurological Research</i> , 2019, 41, 168-176.	1.3	14
138	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.	2.6	14
139	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.	3.5	14
140	Amygdala signals subjective appetitiveness and aversiveness of mixed gambles. <i>Cortex</i> , 2015, 66, 81-90.	2.4	13
141	Risk for affective disorders is associated with greater prefrontal gray matter volumes: A prospective longitudinal study. <i>NeuroImage: Clinical</i> , 2018, 17, 786-793.	2.7	13
142	Unmixing Oscillatory Brain Activity by EEG Source Localization and Empirical Mode Decomposition. <i>Computational Intelligence and Neuroscience</i> , 2019, 2019, 1-15.	1.7	13
143	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.	3.3	13
144	Maturational trajectories of white matter microstructure underlying the right presupplementary motor area reflect individual improvements in motor response cancellation in children and adolescents. <i>NeuroImage</i> , 2020, 220, 117105.	4.2	13

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145	Sparse encoding of automatic visual association in hippocampal networks. <i>NeuroImage</i> , 2014, 102, 458-464.	4.2	12
146	Chasing probabilities â€” Signaling negative and positive prediction errors across domains. <i>NeuroImage</i> , 2016, 134, 180-191.	4.2	12
147	Neuroticism predicts the impact of serotonin challenges on fear processing in subgenual anterior cingulate cortex. <i>Scientific Reports</i> , 2018, 8, 17889.	3.3	12
148	The stray magnetic fields in Magnetic Resonance Current Density Imaging (MRCDI). <i>Physica Medica</i> , 2019, 59, 142-150.	0.7	12
149	Limited Colocalization of Microbleeds and Microstructural Changes after Severe Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 581-592.	3.4	12
150	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.	2.5	12
151	Do glia provide the link between low-grade systemic inflammation and normal cognitive ageing? A <sup>1</sup> H magnetic resonance spectroscopy study at 7 tesla. <i>Journal of Neurochemistry</i> , 2021, 159, 185-196.	3.9	11
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