

# Matthew J Brookes

## 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.

256  
papers

12,562  
citations

58  
h-index

105  
g-index

269  
ext. papers

16,399  
ext. citations

6.1  
avg, IF

6.91  
L-index

#	Paper	IF	Citations
256	Neuromuscular electrical stimulation restores upper limb sensory-motor functions and body representations in chronic stroke survivors.. <i>Med</i> , <b>2022</b> , 3, 58-74.e10	31.7	3
255	Application of virtual reality in neurosurgery: Patient missing. A systematic review.. <i>Journal of Clinical Neuroscience</i> , <b>2022</b> , 95, 55-62	2.2	2
254	Sense of agency for intracortical brain-machine interfaces.. <i>Nature Human Behaviour</i> , <b>2022</b> ,	12.8	2
253	The Oscillatory Effects of Rhythmic Median Nerve Stimulation.. <i>NeuroImage</i> , <b>2022</b> , 118990	7.9	1
252	Breathing affects self-other voice discrimination in a bodily state associated with somatic passivity.. <i>Psychophysiology</i> , <b>2022</b> , e14016	4.1	0
251	Reaching articular limits can negatively impact embodiment in virtual reality.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0255554	3.7	0
250	Triaxial detection of the neuromagnetic field using optically-pumped magnetometry: feasibility and application in children.. <i>NeuroImage</i> , <b>2022</b> , 119027	7.9	7
249	Using OPM-MEG in contrasting magnetic environments.. <i>NeuroImage</i> , <b>2022</b> , 253, 119084	7.9	3
248	Breathing control, brain, and bodily self-consciousness: Toward immersive digiceuticals to alleviate respiratory suffering.. <i>Biological Psychology</i> , <b>2022</b> , 171, 108329	3.2	0
247	Sense of self impacts spatial navigation and hexadirectional coding in human entorhinal cortex.. <i>Communications Biology</i> , <b>2022</b> , 5, 406	6.7	0
246	On-Scalp Optically Pumped Magnetometers versus Cryogenic Magnetoencephalography for Diagnostic Evaluation of Epilepsy in School-aged Children.. <i>Radiology</i> , <b>2022</b> , 212453	20.5	3
245	124 MEGAbIT ¶the role of OPM MEG in assessment and diagnosis In mTBI. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2022</b> , 93, A49.1-A49	5.5	
244	Connectomics of human electrophysiology.. <i>NeuroImage</i> , <b>2021</b> , 247, 118788	7.9	8
243	Robotically-induced hallucination triggers subtle changes in brain network transitions.. <i>NeuroImage</i> , <b>2021</b> , 248, 118862	7.9	0
242	Enhancing analgesic spinal cord stimulation for chronic pain with personalized immersive virtual reality. <i>Pain</i> , <b>2021</b> , 162, 1641-1649	8	5
241	How ageing shapes body and space representations: A comparison study between healthy young and older adults. <i>Cortex</i> , <b>2021</b> , 136, 56-76	3.8	5
240	Robot-induced hallucinations in Parkinson's disease depend on altered sensorimotor processing in fronto-temporal network. <i>Science Translational Medicine</i> , <b>2021</b> , 13,	17.5	7

239	Measuring functional connectivity with wearable MEG. <i>NeuroImage</i> , <b>2021</b> , 230, 117815	7.9	21
238	Evidence accumulation relates to perceptual consciousness and monitoring. <i>Nature Communications</i> , <b>2021</b> , 12, 3261	17.4	6
237	Sensorimotor conflicts induce somatic passivity and louden quiet voices in healthy listeners. <i>Schizophrenia Research</i> , <b>2021</b> , 231, 170-177	3.6	7
236	Measuring the cortical tracking of speech with optically-pumped magnetometers. <i>NeuroImage</i> , <b>2021</b> , 233, 117969	7.9	8
235	Interlayer connectivity reconstruction for multilayer brain networks using phase oscillator models. <i>New Journal of Physics</i> , <b>2021</b> , 23, 063065	2.9	5
234	Mouth magnetoencephalography: A unique perspective on the human hippocampus. <i>NeuroImage</i> , <b>2021</b> , 225, 117443	7.9	16
233	Common and distinct brain networks of autoscopic phenomena. <i>NeuroImage: Clinical</i> , <b>2021</b> , 30, 102612	5.3	2
232	Thought consciousness and source monitoring depend on robotically controlled sensorimotor conflicts and illusory states. <i>iScience</i> , <b>2021</b> , 24, 101955	6.1	6
231	Magnetoencephalography abnormalities in adult mild traumatic brain injury: A systematic review. <i>NeuroImage: Clinical</i> , <b>2021</b> , 31, 102697	5.3	3
230	Premotor and fronto-striatal mechanisms associated with presence hallucinations in dementia with Lewy bodies. <i>NeuroImage: Clinical</i> , <b>2021</b> , 32, 102791	5.3	1
229	Relation between palm and finger cortical representations in primary somatosensory cortex: A 7T fMRI study. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 2262-2277	5.9	1
228	Tactile spatial discrimination on the torso using vibrotactile and force stimulation. <i>Experimental Brain Research</i> , <b>2021</b> , 239, 3175-3188	2.3	
227	Theoretical advantages of a triaxial optically pumped magnetometer magnetoencephalography system. <i>NeuroImage</i> , <b>2021</b> , 236, 118025	7.9	15
226	Differential classification of states of consciousness using envelope- and phase-based functional connectivity. <i>NeuroImage</i> , <b>2021</b> , 237, 118171	7.9	6
225	Practical real-time MEG-based neural interfacing with optically pumped magnetometers. <i>BMC Biology</i> , <b>2021</b> , 19, 158	7.3	4
224	Contribution of interaction force to the sense of hand ownership and the sense of hand agency. <i>Scientific Reports</i> , <b>2021</b> , 11, 18069	4.9	1
223	Mild traumatic brain injury impairs the coordination of intrinsic and motor-related neural dynamics. <i>NeuroImage: Clinical</i> , <b>2021</b> , 32, 102841	5.3	2
222	Precision magnetic field modelling and control for wearable magnetoencephalography. <i>NeuroImage</i> , <b>2021</b> , 241, 118401	7.9	11

221	EEG Spatiotemporal Patterns Underlying Self-other Voice Discrimination. <i>Cerebral Cortex</i> , <b>2021</b> ,	5.1	3
220	Optically Pumped Magnetometers for Practical MEG-Based Brain-Computer Interfacing. <i>Springer Briefs in Electrical and Computer Engineering</i> , <b>2021</b> , 35-46	0.4	
219	Magnetic Field Mapping and Correction for Moving OP-MEG. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2021</b> , PP,	5	6
218	Motor-related oscillatory activity in schizophrenia according to phase of illness and clinical symptom severity. <i>NeuroImage: Clinical</i> , <b>2021</b> , 29, 102524	5.3	5
217	Agency Deficits in a Human Genetic Model of Schizophrenia: Insights From 22q11DS Patients.. <i>Schizophrenia Bulletin</i> , <b>2021</b> ,	1.3	2
216	Pragmatic spatial sampling for wearable MEG arrays. <i>Scientific Reports</i> , <b>2020</b> , 10, 21609	4.9	12
215	Behavioral and neurophysiological evidence for altered interoceptive bodily processing in chronic pain. <i>NeuroImage</i> , <b>2020</b> , 217, 116902	7.9	5
214	Rapid Recalibration of Peri-Personal Space: Psychophysical, Electrophysiological, and Neural Network Modeling Evidence. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 5088-5106	5.1	17
213	The Effect of Ketamine on Electrophysiological Connectivity in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , <b>2020</b> , 11, 519	5	9
212	Multi-channel whole-head OPM-MEG: Helmet design and a comparison with a conventional system. <i>NeuroImage</i> , <b>2020</b> , 219, 116995	7.9	63
211	Mechanisms of the breathing contribution to bodily self-consciousness in healthy humans: Lessons from machine-assisted breathing?. <i>Psychophysiology</i> , <b>2020</b> , 57, e13564	4.1	5
210	Breathing is coupled with voluntary action and the cortical readiness potential. <i>Nature Communications</i> , <b>2020</b> , 11, 289	17.4	28
209	Autoscopic phenomena as an atypical psychiatric presentation of Huntington's disease: A case report including longitudinal clinical and neuroimaging data. <i>Cortex</i> , <b>2020</b> , 125, 299-306	3.8	
208	The role of transient spectral bursts in functional connectivity: A magnetoencephalography study. <i>NeuroImage</i> , <b>2020</b> , 209, 116537	7.9	30
207	Sensorimotor Induction of Auditory Misattribution in Early Psychosis. <i>Schizophrenia Bulletin</i> , <b>2020</b> , 46, 947-954	1.3	16
206	Optically pumped magnetoencephalography in epilepsy. <i>Annals of Clinical and Translational Neurology</i> , <b>2020</b> , 7, 397-401	5.3	13
205	Subjective feeling of re-experiencing past events using immersive virtual reality prevents a loss of episodic memory. <i>Brain and Behavior</i> , <b>2020</b> , 10, e01571	3.4	12
204	Disownership of body parts as revealed by a visual scale evaluation. An observational study. <i>Neuropsychologia</i> , <b>2020</b> , 138, 107337	3.2	4

203	Sensorimotor conflicts alter metacognitive and action monitoring. <i>Cortex</i> , <b>2020</b> , 124, 224-234	3.8	14
202	Post-stimulus beta responses are modulated by task duration. <i>NeuroImage</i> , <b>2020</b> , 206, 116288	7.9	4
201	S143. NEURAL MECHANISMS OF ROBOT-INDUCED HALLUCINATIONS IN HEALTHY PARTICIPANTS AND SYMPTOMATIC HALLUCINATIONS OF NEUROLOGICAL AND PSYCHIATRIC ORIGIN. <i>Schizophrenia Bulletin</i> , <b>2020</b> , 46, S90-S91	1.3	78
200	Age-related differences in myeloarchitecture measured at 7 T. <i>Neurobiology of Aging</i> , <b>2020</b> , 96, 246-254	5.6	5
199	First-person body view modulates the neural substrates of episodic memory and auto-noetic consciousness: A functional connectivity study. <i>NeuroImage</i> , <b>2020</b> , 223, 117370	7.9	2
198	Imagined paralysis alters somatosensory evoked-potentials. <i>Cognitive Neuroscience</i> , <b>2020</b> , 11, 205-215	1.7	1
197	Multilayer MEG functional connectivity as a potential marker for suicidal thoughts in major depressive disorder. <i>NeuroImage: Clinical</i> , <b>2020</b> , 28, 102378	5.3	4
196	Glutathione and glutamate in schizophrenia: a 7T MRS study. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 873-882	15.1	61
195	Interoception and Empathy Impact Perspective Taking. <i>Frontiers in Psychology</i> , <b>2020</b> , 11, 599429	3.4	4
194	S72. FUNCTIONAL DISCONNECTION WITHIN THE PRESENCE HALLUCINATION NETWORK IN PSYCHOTIC PATIENTS WITH FIRST-RANK SYMPTOMS. <i>Schizophrenia Bulletin</i> , <b>2019</b> , 45, S334-S334	1.3	78
193	How Sensitive Are Conventional MEG Functional Connectivity Metrics With Sliding Windows to Detect Genuine Fluctuations in Dynamic Functional Connectivity?. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 797	5.1	7
192	Imaging the human hippocampus with optically-pumped magnetoencephalography. <i>NeuroImage</i> , <b>2019</b> , 203, 116192	7.9	29
191	Increased heartbeat-evoked potential during REM sleep in nightmare disorder. <i>NeuroImage: Clinical</i> , <b>2019</b> , 22, 101701	5.3	21
190	Optically pumped magnetometers: From quantum origins to multi-channel magnetoencephalography. <i>NeuroImage</i> , <b>2019</b> , 199, 598-608	7.9	75
189	You or me? Disentangling perspectival, perceptual, and integrative mechanisms in heterotopagnosia. <i>Cortex</i> , <b>2019</b> , 120, 212-222	3.8	5
188	Towards OPM-MEG in a virtual reality environment. <i>NeuroImage</i> , <b>2019</b> , 199, 408-417	7.9	43
187	Tracking dynamic brain networks using high temporal resolution MEG measures of functional connectivity. <i>NeuroImage</i> , <b>2019</b> , 200, 38-50	7.9	31
186	Updating Dynamic Noise Models With Moving Magnetoencephalographic (MEG) Systems. <i>IEEE Access</i> , <b>2019</b> , 7, 10093-10102	3.5	3

185	12.4 THE BODILY SELF IN PSYCHOSIS: SENSORIMOTOR INDUCTION OF AUDITORY MISATTRIBUTION IN PSYCHOSIS IS LINKED TO NEURAL DISCONNECTIVITY. <i>Schizophrenia Bulletin</i> , <b>2019</b> , 45, S107-S108	1.3	78
184	Heartbeat-evoked cortical responses: Underlying mechanisms, functional roles, and methodological considerations. <i>NeuroImage</i> , <b>2019</b> , 197, 502-511	7.9	37
183	First-person view of one's body in immersive virtual reality: Influence on episodic memory. <i>PLoS ONE</i> , <b>2019</b> , 14, e0197763	3.7	23
182	Imaging human cortical responses to intraneural microstimulation using magnetoencephalography. <i>NeuroImage</i> , <b>2019</b> , 189, 329-340	7.9	3
181	Relationships Between Neuronal Oscillatory Amplitude and Dynamic Functional Connectivity. <i>Cerebral Cortex</i> , <b>2019</b> , 29, 2668-2681	5.1	47
180	Wearable neuroimaging: Combining and contrasting magnetoencephalography and electroencephalography. <i>NeuroImage</i> , <b>2019</b> , 201, 116099	7.9	41
179	Depersonalization- and derealization-like phenomena of epileptic origin. <i>Annals of Clinical and Translational Neurology</i> , <b>2019</b> , 6, 1739-1747	5.3	5
178	Data-driven model optimization for optically pumped magnetometer sensor arrays. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 4357-4369	5.9	8
177	Using optically pumped magnetometers to measure magnetoencephalographic signals in the human cerebellum. <i>Journal of Physiology</i> , <b>2019</b> , 597, 4309-4324	3.9	19
176	Multisensory perceptual awareness: Categorical or graded?. <i>Cortex</i> , <b>2019</b> , 120, 169-180	3.8	1
175	Balanced, bi-planar magnetic field and field gradient coils for field compensation in wearable magnetoencephalography. <i>Scientific Reports</i> , <b>2019</b> , 9, 14196	4.9	34
174	A tool for functional brain imaging with lifespan compliance. <i>Nature Communications</i> , <b>2019</b> , 10, 4785	17.4	41
173	Two Spatially Distinct Posterior Alpha Sources Fulfill Different Functional Roles in Attention. <i>Journal of Neuroscience</i> , <b>2019</b> , 39, 7183-7194	6.6	22
172	An Introduction to MEG Connectivity Measurements <b>2019</b> , 433-470		
171	An Introduction to MEG Connectivity Measurements <b>2019</b> , 1-38		
170	Coupling Inner and Outer Body for Self-Consciousness. <i>Trends in Cognitive Sciences</i> , <b>2019</b> , 23, 377-388	14	63
169	Torso-mounted Vibrotactile Interface to Experimentally Induce Illusory Own-body Perceptions <b>2019</b> ,		3
168	Unpacking Transient Event Dynamics in Electrophysiological Power Spectra. <i>Brain Topography</i> , <b>2019</b> , 32, 1020-1034	4.3	20

167	Attenuated Post-Movement Beta Rebound Associated With Schizotypal Features in Healthy People. <i>Schizophrenia Bulletin</i> , <b>2019</b> , 45, 883-891	1.3	14
166	How do spatially distinct frequency specific MEG networks emerge from one underlying structural connectome? The role of the structural eigenmodes. <i>NeuroImage</i> , <b>2019</b> , 186, 211-220	7.9	23
165	Differential effects of vestibular processing on orienting exogenous and endogenous covert visual attention. <i>Experimental Brain Research</i> , <b>2019</b> , 237, 401-410	2.3	2
164	Spatial and spectral trajectories in typical neurodevelopment from childhood to middle age. <i>Network Neuroscience</i> , <b>2019</b> , 3, 497-520	5.6	11
163	Hand perceptions induced by single pulse transcranial magnetic stimulation over the primary motor cortex. <i>Brain Stimulation</i> , <b>2019</b> , 12, 693-701	5.1	4
162	Explaining the heterogeneity of functional connectivity findings in multiple sclerosis: An empirically informed modeling study. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 2541-2548	5.9	23
161	Vestibular modulation of peripersonal space boundaries. <i>European Journal of Neuroscience</i> , <b>2018</b> , 47, 800-811	3.5	24
160	Ghost interactions in MEG/EEG source space: A note of caution on inter-areal coupling measures. <i>NeuroImage</i> , <b>2018</b> , 173, 632-643	7.9	126
159	Audio-visual sensory deprivation degrades visuo-tactile peri-personal space. <i>Consciousness and Cognition</i> , <b>2018</b> , 61, 61-75	2.6	26
158	Optimal visuo-vestibular integration for self-motion perception in patients with unilateral vestibular loss. <i>Neuropsychologia</i> , <b>2018</b> , 111, 112-116	3.2	2
157	Insula mediates heartbeat related effects on visual consciousness. <i>Cortex</i> , <b>2018</b> , 101, 87-95	3.8	17
156	Altered temporal stability in dynamic neural networks underlies connectivity changes in neurodevelopment. <i>NeuroImage</i> , <b>2018</b> , 174, 563-575	7.9	35
155	Moving magnetoencephalography towards real-world applications with a wearable system. <i>Nature</i> , <b>2018</b> , 555, 657-661	50.4	458
154	Illusory hand ownership in a patient with personal neglect for the upper limb, but no somatoparaphenia. <i>Journal of Neuropsychology</i> , <b>2018</b> , 12, 442-462	2.6	3
153	Neural Sources and Underlying Mechanisms of Neural Responses to Heartbeats, and their Role in Bodily Self-consciousness: An Intracranial EEG Study. <i>Cerebral Cortex</i> , <b>2018</b> , 28, 2351-2364	5.1	69
152	Dynamics of large-scale electrophysiological networks: A technical review. <i>NeuroImage</i> , <b>2018</b> , 180, 559-576	8.9	89
151	Mapping the topological organisation of beta oscillations in motor cortex using MEG. <i>NeuroImage</i> , <b>2018</b> , 181, 831-844	7.9	16
150	Cardio-visual full body illusion alters bodily self-consciousness and tactile processing in somatosensory cortex. <i>Scientific Reports</i> , <b>2018</b> , 8, 9230	4.9	17

149	Spontaneous cortical activity transiently organises into frequency specific phase-coupling networks. <i>Nature Communications</i> , <b>2018</b> , 9, 2987	17.4	137
148	The Architectonic Experience of Body and Space in Augmented Interiors. <i>Frontiers in Psychology</i> , <b>2018</b> , 9, 375	3.4	1
147	Cognitive neuroscience using wearable magnetometer arrays: Non-invasive assessment of language function. <i>NeuroImage</i> , <b>2018</b> , 181, 513-520	7.9	33
146	Heartbeat-enhanced immersive virtual reality to treat complex regional pain syndrome. <i>Neurology</i> , <b>2018</b> , 91, e479-e489	6.5	40
145	Audio-Tactile and Peripersonal Space Processing Around the Trunk in Human Parietal and Temporal Cortex: An Intracranial EEG Study. <i>Cerebral Cortex</i> , <b>2018</b> , 28, 3385-3397	5.1	33
144	Neural adaptation accounts for the dynamic resizing of peripersonal space: evidence from a psychophysical-computational approach. <i>Journal of Neurophysiology</i> , <b>2018</b> , 119, 2307-2333	3.2	24
143	Changes in electrophysiological markers of cognitive control after administration of galantamine. <i>NeuroImage: Clinical</i> , <b>2018</b> , 20, 228-235	5.3	6
142	A bi-planar coil system for nulling background magnetic fields in scalp mounted magnetoencephalography. <i>NeuroImage</i> , <b>2018</b> , 181, 760-774	7.9	69
141	Bodily self-consciousness and its disorders. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2018</b> , 151, 313-330	3	11
140	From multisensory integration in peripersonal space to bodily self-consciousness: from statistical regularities to statistical inference. <i>Annals of the New York Academy of Sciences</i> , <b>2018</b> , 1426, 146	6.5	30
139	A biophysical model of dynamic balancing of excitation and inhibition in fast oscillatory large-scale networks. <i>PLoS Computational Biology</i> , <b>2018</b> , 14, e1006007	5	35
138	Rethinking Body Ownership in Schizophrenia: Experimental and Meta-analytical Approaches Show no Evidence for Deficits. <i>Schizophrenia Bulletin</i> , <b>2018</b> , 44, 643-652	1.3	19
137	Comparing multilayer brain networks between groups: Introducing graph metrics and recommendations. <i>NeuroImage</i> , <b>2018</b> , 166, 371-384	7.9	23
136	Modulation of vection latencies in the full-body illusion. <i>PLoS ONE</i> , <b>2018</b> , 13, e0209189	3.7	
135	Common Recruitment of Angular Gyrus in Episodic Autobiographical Memory and Bodily Self-Consciousness. <i>Frontiers in Behavioral Neuroscience</i> , <b>2018</b> , 12, 270	3.5	15
134	Development of human electrophysiological brain networks. <i>Journal of Neurophysiology</i> , <b>2018</b> , 120, 3122-3130	3.3	9
133	Dorsal and ventral stream contributions to form-from-motion perception in a patient with form-from motion deficit: a case report. <i>Brain Structure and Function</i> , <b>2017</b> , 222, 1093-1107	4	4
132	A new generation of magnetoencephalography: Room temperature measurements using optically-pumped magnetometers. <i>NeuroImage</i> , <b>2017</b> , 149, 404-414	7.9	201



131	Abnormal task driven neural oscillations in multiple sclerosis: A visuomotor MEG study. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 2441-2453	5.9	17
130	Alzheimer's disease disrupts alpha and beta-band resting-state oscillatory network connectivity. <i>Clinical Neurophysiology</i> , <b>2017</b> , 128, 2347-2357	4.3	45
129	Optimising experimental design for MEG resting state functional connectivity measurement. <i>NeuroImage</i> , <b>2017</b> , 155, 565-576	7.9	36
128	Anatomical and functional properties of the foot and leg representation in areas 3b, 1 and 2 of primary somatosensory cortex in humans: A 7T fMRI study. <i>NeuroImage</i> , <b>2017</b> , 159, 473-487	7.9	37
127	Unconscious integration of multisensory bodily inputs in the peripersonal space shapes bodily self-consciousness. <i>Cognition</i> , <b>2017</b> , 166, 174-183	3.5	63
126	Using generative models to make probabilistic statements about hippocampal engagement in MEG. <i>NeuroImage</i> , <b>2017</b> , 149, 468-482	7.9	33
125	Cortical and subcortical mechanisms of brain-machine interfaces. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 2971-2989	5.9	23
124	Common and distinct brain regions processing multisensory bodily signals for peripersonal space and body ownership. <i>NeuroImage</i> , <b>2017</b> , 147, 602-618	7.9	96
123	Virtual reality improves embodiment and neuropathic pain caused by spinal cord injury. <i>Neurology</i> , <b>2017</b> , 89, 1894-1903	6.5	60
122	Distinct locomotor control and awareness in awake sleepwalkers. <i>Current Biology</i> , <b>2017</b> , 27, R1102-R1104	4.3	5
121	Increasing upper limb training intensity in chronic stroke using embodied virtual reality: a pilot study. <i>Journal of NeuroEngineering and Rehabilitation</i> , <b>2017</b> , 14, 119	5.3	37
120	Interferences between breathing, experimental dyspnoea and bodily self-consciousness. <i>Scientific Reports</i> , <b>2017</b> , 7, 9990	4.9	23
119	An intra-neural microstimulation system for ultra-high field magnetic resonance imaging and magnetoencephalography. <i>Journal of Neuroscience Methods</i> , <b>2017</b> , 290, 69-78	3	4
118	A mean field model for movement induced changes in the beta rhythm. <i>Journal of Computational Neuroscience</i> , <b>2017</b> , 43, 143-158	1.4	21
117	Entrainment of Voluntary Movement to Undetected Auditory Regularities. <i>Scientific Reports</i> , <b>2017</b> , 7, 14867	4.9	9
116	Interoceptive signals impact visual processing: Cardiac modulation of visual body perception. <i>NeuroImage</i> , <b>2017</b> , 158, 176-185	7.9	12
115	Ictal postural phantom limb sensation is associated with impaired mental imagery of body parts. <i>Journal of Neurology</i> , <b>2017</b> , 264, 1532-1535	5.5	2
114	Performance monitoring for brain-computer-interface actions. <i>Brain and Cognition</i> , <b>2017</b> , 111, 44-50	2.7	7

113	Magnetoencephalographic and functional MRI connectomics in schizophrenia via intra- and inter-network connectivity. <i>NeuroImage</i> , <b>2017</b> , 145, 96-106	7.9	28
112	Flexible head-casts for high spatial precision MEG. <i>Journal of Neuroscience Methods</i> , <b>2017</b> , 276, 38-45	3	48
111	Measurement of dynamic task related functional networks using MEG. <i>NeuroImage</i> , <b>2017</b> , 146, 667-678	7.9	59
110	Characterizing first and third person viewpoints and their alternation for embodied interaction in virtual reality. <i>PLoS ONE</i> , <b>2017</b> , 12, e0190109	3.7	39
109	Relationships between cortical myeloarchitecture and electrophysiological networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 13510-13515	11.5	63
108	Visual gravity contributes to subjective first-person perspective. <i>Neuroscience of Consciousness</i> , <b>2016</b> , 2016, niw006	3.3	7
107	Distinct vestibular effects on early and late somatosensory cortical processing in humans. <i>NeuroImage</i> , <b>2016</b> , 125, 208-219	7.9	5
106	Numerical Priming Between Touch and Vision Depends on Tactile Discrimination. <i>Perception</i> , <b>2016</b> , 45, 114-24	1.2	
105	Conceptual processing is referenced to the experienced location of the self, not to the location of the physical body. <i>Cognition</i> , <b>2016</b> , 154, 182-192	3.5	20
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