

# Matthew J Brookes

## List of Publications by Year in descending order

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Version: 2024-02-01

252  
papers

18,814  
citations

17405

63  
h-index

18606

119  
g-index

269  
all docs

269  
docs citations

269  
times ranked

11949  
citing authors

#	ARTICLE	IF	CITATIONS
1	EEG Spatiotemporal Patterns Underlying Self-other Voice Discrimination. <i>Cerebral Cortex</i> , 2022, 32, 1978-1992.	1.6	11
2	Magnetic Field Mapping and Correction for Moving OP-MEG. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 528-536.	2.5	26
3	Connectomics of human electrophysiology. <i>NeuroImage</i> , 2022, 247, 118788.	2.1	69
4	Robotically-induced hallucination triggers subtle changes in brain network transitions. <i>NeuroImage</i> , 2022, 248, 118862.	2.1	6
5	Neuromuscular electrical stimulation restores upper limb sensory-motor functions and body representations in chronic stroke survivors. <i>Med</i> , 2022, 3, 58-74.e10.	2.2	19
6	Application of virtual reality in neurosurgery: Patient missing. A systematic review. <i>Journal of Clinical Neuroscience</i> , 2022, 95, 55-62.	0.8	20
7	Sense of agency for intracortical brain-machine interfaces. <i>Nature Human Behaviour</i> , 2022, 6, 565-578.	6.2	15
8	The oscillatory effects of rhythmic median nerve stimulation. <i>NeuroImage</i> , 2022, 251, 118990.	2.1	6
9	Breathing affects self-other voice discrimination in a bodily state associated with somatic passivity. <i>Psychophysiology</i> , 2022, , e14016.	1.2	7
10	Reaching articular limits can negatively impact embodiment in virtual reality. <i>PLoS ONE</i> , 2022, 17, e0255554.	1.1	3
11	Triaxial detection of the neuromagnetic field using optically-pumped magnetometry: feasibility and application in children. <i>NeuroImage</i> , 2022, 252, 119027.	2.1	76
12	Using OPM-MEG in contrasting magnetic environments. <i>NeuroImage</i> , 2022, 253, 119084.	2.1	33
13	Agency Deficits in a Human Genetic Model of Schizophrenia: Insights From 22q11DS Patients. <i>Schizophrenia Bulletin</i> , 2022, 48, 495-504.	2.3	10
14	Breathing control, brain, and bodily self-consciousness: Toward immersive digiceuticals to alleviate respiratory suffering. <i>Biological Psychology</i> , 2022, 171, 108329.	1.1	14
15	Sense of self impacts spatial navigation and hexadirectional coding in human entorhinal cortex. <i>Communications Biology</i> , 2022, 5, 406.	2.0	15
16	On-Scalp Optically Pumped Magnetometers versus Cryogenic Magnetoencephalography for Diagnostic Evaluation of Epilepsy in School-aged Children. <i>Radiology</i> , 2022, 304, 429-434.	3.6	54
17	124â€¦ MEGAbIT â€œ the role of OPM MEG in assessment and diagnosis In mTBI. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, A49.1-A49.	0.9	0
18	Predicting time-resolved electrophysiological brain networks from structural eigenmodes. <i>Human Brain Mapping</i> , 2022, 43, 4475-4491.	1.9	17

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19	Magnetoencephalography with optically pumped magnetometers (OPM-MEG): the next generation of functional neuroimaging. <i>Trends in Neurosciences</i> , 2022, 45, 621-634.	4.2	91
20	Mouth magnetoencephalography: A unique perspective on the human hippocampus. <i>NeuroImage</i> , 2021, 225, 117443.	2.1	56
21	Common and distinct brain networks of autoscopic phenomena. <i>NeuroImage: Clinical</i> , 2021, 30, 102612.	1.4	13
22	Thought consciousness and source monitoring depend on robotically controlled sensorimotor conflicts and illusory states. <i>IScience</i> , 2021, 24, 101955.	1.9	12
23	Magnetoencephalography abnormalities in adult mild traumatic brain injury: A systematic review. <i>NeuroImage: Clinical</i> , 2021, 31, 102697.	1.4	15
24	Premotor and fronto-striatal mechanisms associated with presence hallucinations in dementia with Lewy bodies. <i>NeuroImage: Clinical</i> , 2021, 32, 102791.	1.4	2
25	Relation between palm and finger cortical representations in primary somatosensory cortex: A 7T fMRI study. <i>Human Brain Mapping</i> , 2021, 42, 2262-2277.	1.9	4
26	How ageing shapes body and space representations: A comparison study between healthy young and older adults. <i>Cortex</i> , 2021, 136, 56-76.	1.1	14
27	Robot-induced hallucinations in Parkinson's disease depend on altered sensorimotor processing in fronto-temporal network. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	29
28	Measuring functional connectivity with wearable MEG. <i>NeuroImage</i> , 2021, 230, 117815.	2.1	72
29	Evidence accumulation relates to perceptual consciousness and monitoring. <i>Nature Communications</i> , 2021, 12, 3261.	5.8	38
30	Sensorimotor conflicts induce somatic passivity and louden quiet voices in healthy listeners. <i>Schizophrenia Research</i> , 2021, 231, 170-177.	1.1	15
31	Measuring the cortical tracking of speech with optically-pumped magnetometers. <i>NeuroImage</i> , 2021, 233, 117969.	2.1	22
32	Interlayer connectivity reconstruction for multilayer brain networks using phase oscillator models. <i>New Journal of Physics</i> , 2021, 23, 063065.	1.2	9
33	Tactile spatial discrimination on the torso using vibrotactile and force stimulation. <i>Experimental Brain Research</i> , 2021, 239, 3175-3188.	0.7	3
34	Theoretical advantages of a triaxial optically pumped magnetometer magnetoencephalography system. <i>NeuroImage</i> , 2021, 236, 118025.	2.1	73
35	Differential classification of states of consciousness using envelope- and phase-based functional connectivity. <i>NeuroImage</i> , 2021, 237, 118171.	2.1	14
36	Practical real-time MEG-based neural interfacing with optically pumped magnetometers. <i>BMC Biology</i> , 2021, 19, 158.	1.7	14

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37	Contribution of interaction force to the sense of hand ownership and the sense of hand agency. <i>Scientific Reports</i> , 2021, 11, 18069.	1.6	3
38	Mild traumatic brain injury impairs the coordination of intrinsic and motor-related neural dynamics. <i>NeuroImage: Clinical</i> , 2021, 32, 102841.	1.4	9
39	Precision magnetic field modelling and control for wearable magnetoencephalography. <i>NeuroImage</i> , 2021, 241, 118401.	2.1	54
40	Motor-related oscillatory activity in schizophrenia according to phase of illness and clinical symptom severity. <i>NeuroImage: Clinical</i> , 2021, 29, 102524.	1.4	12
41	Enhancing analgesic spinal cord stimulation for chronic pain with personalized immersive virtual reality. <i>Pain</i> , 2021, 162, 1641-1649.	2.0	16
42	Optimised hybrid shielding and magnetic field control for emerging quantum technologies. , 2021, , .		2
43	Glutathione and glutamate in schizophrenia: a 7T MRS study. <i>Molecular Psychiatry</i> , 2020, 25, 873-882.	4.1	114
44	Disownership of body parts as revealed by a visual scale evaluation. An observational study. <i>Neuropsychologia</i> , 2020, 138, 107337.	0.7	10
45	Sensorimotor conflicts alter metacognitive and action monitoring. <i>Cortex</i> , 2020, 124, 224-234.	1.1	30
46	Post-stimulus beta responses are modulated by task duration. <i>NeuroImage</i> , 2020, 206, 116288.	2.1	15
47	S143. NEURAL MECHANISMS OF ROBOT-INDUCED HALLUCINATIONS IN HEALTHY PARTICIPANTS AND SYMPTOMATIC HALLUCINATIONS OF NEUROLOGICAL AND PSYCHIATRIC ORIGIN. <i>Schizophrenia Bulletin</i> , 2020, 46, S90-S91.	2.3	0
48	Age-related differences in myeloarchitecture measured at 7 T. <i>Neurobiology of Aging</i> , 2020, 96, 246-254.	1.5	6
49	First-person body view modulates the neural substrates of episodic memory and auto-noetic consciousness: A functional connectivity study. <i>NeuroImage</i> , 2020, 223, 117370.	2.1	12
50	Imagined paralysis alters somatosensory evoked-potentials. <i>Cognitive Neuroscience</i> , 2020, 11, 205-215.	0.6	4
51	Multilayer MEG functional connectivity as a potential marker for suicidal thoughts in major depressive disorder. <i>NeuroImage: Clinical</i> , 2020, 28, 102378.	1.4	15
52	Pragmatic spatial sampling for wearable MEG arrays. <i>Scientific Reports</i> , 2020, 10, 21609.	1.6	23
53	Behavioral and neurophysiological evidence for altered interoceptive bodily processing in chronic pain. <i>NeuroImage</i> , 2020, 217, 116902.	2.1	17
54	Rapid Recalibration of Peri-Personal Space: Psychophysical, Electrophysiological, and Neural Network Modeling Evidence. <i>Cerebral Cortex</i> , 2020, 30, 5088-5106.	1.6	28

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55	The Effect of Ketamine on Electrophysiological Connectivity in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2020, 11, 519.	1.3	15
56	Multi-channel whole-head OPM-MEG: Helmet design and a comparison with a conventional system. <i>NeuroImage</i> , 2020, 219, 116995.	2.1	164
57	Mechanisms of the breathing contribution to bodily self-consciousness in healthy humans: Lessons from machine-assisted breathing?. <i>Psychophysiology</i> , 2020, 57, e13564.	1.2	13
58	Breathing is coupled with voluntary action and the cortical readiness potential. <i>Nature Communications</i> , 2020, 11, 289.	5.8	56
59	Autoscopic phenomena as an atypical psychiatric presentation of Huntington's disease: A case report including longitudinal clinical and neuroimaging data. <i>Cortex</i> , 2020, 125, 299-306.	1.1	1
60	The role of transient spectral "bursts" in functional connectivity: A magnetoencephalography study. <i>NeuroImage</i> , 2020, 209, 116537.	2.1	60
61	Sensorimotor Induction of Auditory Misattribution in Early Psychosis. <i>Schizophrenia Bulletin</i> , 2020, 46, 947-954.	2.3	28
62	Optically pumped magnetoencephalography in epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 397-401.	1.7	43
63	Subjective feeling of re-experiencing past events using immersive virtual reality prevents a loss of episodic memory. <i>Brain and Behavior</i> , 2020, 10, e01571.	1.0	28
64	Interoception and Empathy Impact Perspective Taking. <i>Frontiers in Psychology</i> , 2020, 11, 599429.	1.1	15
65	Relationships Between Neuronal Oscillatory Amplitude and Dynamic Functional Connectivity. <i>Cerebral Cortex</i> , 2019, 29, 2668-2681.	1.6	85
66	Wearable neuroimaging: Combining and contrasting magnetoencephalography and electroencephalography. <i>NeuroImage</i> , 2019, 201, 116099.	2.1	82
67	Depersonalization and derealization like phenomena of epileptic origin. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1739-1747.	1.7	12
68	Data-driven model optimization for optically pumped magnetometer sensor arrays. <i>Human Brain Mapping</i> , 2019, 40, 4357-4369.	1.9	16
69	Using optically pumped magnetometers to measure magnetoencephalographic signals in the human cerebellum. <i>Journal of Physiology</i> , 2019, 597, 4309-4324.	1.3	31
70	Multisensory perceptual awareness: Categorical or graded?. <i>Cortex</i> , 2019, 120, 169-180.	1.1	2
71	Balanced, bi-planar magnetic field and field gradient coils for field compensation in wearable magnetoencephalography. <i>Scientific Reports</i> , 2019, 9, 14196.	1.6	72
72	A tool for functional brain imaging with lifespan compliance. <i>Nature Communications</i> , 2019, 10, 4785.	5.8	96

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73	Two Spatially Distinct Posterior Alpha Sources Fulfill Different Functional Roles in Attention. <i>Journal of Neuroscience</i> , 2019, 39, 7183-7194.	1.7	47
74	S72. FUNCTIONAL DISCONNECTION WITHIN THE PRESENCE HALLUCINATION NETWORK IN PSYCHOTIC PATIENTS WITH FIRST-RANK SYMPTOMS. <i>Schizophrenia Bulletin</i> , 2019, 45, S334-S334.	2.3	0
75	How Sensitive Are Conventional MEG Functional Connectivity Metrics With Sliding Windows to Detect Genuine Fluctuations in Dynamic Functional Connectivity?. <i>Frontiers in Neuroscience</i> , 2019, 13, 797.	1.4	24
76	Imaging the human hippocampus with optically-pumped magnetoencephalography. <i>NeuroImage</i> , 2019, 203, 116192.	2.1	52
77	Increased heartbeat-evoked potential during REM sleep in nightmare disorder. <i>NeuroImage: Clinical</i> , 2019, 22, 101701.	1.4	38
78	Optically pumped magnetometers: From quantum origins to multi-channel magnetoencephalography. <i>NeuroImage</i> , 2019, 199, 598-608.	2.1	186
79	You or me? Disentangling perspectival, perceptual, and integrative mechanisms in heterotopagnosia. <i>Cortex</i> , 2019, 120, 212-222.	1.1	10
80	Towards OPM-MEG in a virtual reality environment. <i>NeuroImage</i> , 2019, 199, 408-417.	2.1	87
81	Tracking dynamic brain networks using high temporal resolution MEG measures of functional connectivity. <i>NeuroImage</i> , 2019, 200, 38-50.	2.1	83
82	Updating Dynamic Noise Models With Moving Magnetoencephalographic (MEG) Systems. <i>IEEE Access</i> , 2019, 7, 10093-10102.	2.6	5
83	12.4 THE BODILY SELF IN PSYCHOSIS: SENSORIMOTOR INDUCTION OF AUDITORY MISATTRIBUTION IN PSYCHOSIS IS LINKED TO NEURAL DISCONNECTIVITY. <i>Schizophrenia Bulletin</i> , 2019, 45, S107-S108.	2.3	0
84	Heartbeat-evoked cortical responses: Underlying mechanisms, functional roles, and methodological considerations. <i>NeuroImage</i> , 2019, 197, 502-511.	2.1	125
85	First-person view of one's body in immersive virtual reality: Influence on episodic memory. <i>PLoS ONE</i> , 2019, 14, e0197763.	1.1	41
86	Imaging human cortical responses to intraneural microstimulation using magnetoencephalography. <i>NeuroImage</i> , 2019, 189, 329-340.	2.1	5
87	Coupling Inner and Outer Body for Self-Consciousness. <i>Trends in Cognitive Sciences</i> , 2019, 23, 377-388.	4.0	146
88	Torso-mounted Vibrotactile Interface to Experimentally Induce Illusory Own-body Perceptions. , 2019, , .		4
89	Unpacking Transient Event Dynamics in Electrophysiological Power Spectra. <i>Brain Topography</i> , 2019, 32, 1020-1034.	0.8	48
90	Attenuated Post-Movement Beta Rebound Associated With Schizotypal Features in Healthy People. <i>Schizophrenia Bulletin</i> , 2019, 45, 883-891.	2.3	19

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91	How do spatially distinct frequency specific MEG networks emerge from one underlying structural connectome? The role of the structural eigenmodes. <i>NeuroImage</i> , 2019, 186, 211-220.	2.1	81
92	Differential effects of vestibular processing on orienting exogenous and endogenous covert visual attention. <i>Experimental Brain Research</i> , 2019, 237, 401-410.	0.7	3
93	Spatial and spectral trajectories in typical neurodevelopment from childhood to middle age. <i>Network Neuroscience</i> , 2019, 3, 497-520.	1.4	27
94	Hand perceptions induced by single pulse transcranial magnetic stimulation over the primary motor cortex. <i>Brain Stimulation</i> , 2019, 12, 693-701.	0.7	6
95	An Introduction to MEG Connectivity Measurements. , 2019, , 433-470.		0
96	An Introduction to MEG Connectivity Measurements. , 2019, , 1-38.		0
97	Explaining the heterogeneity of functional connectivity findings in multiple sclerosis: An empirically informed modeling study. <i>Human Brain Mapping</i> , 2018, 39, 2541-2548.	1.9	40
98	Vestibular modulation of peripersonal space boundaries. <i>European Journal of Neuroscience</i> , 2018, 47, 800-811.	1.2	32
99	Ghost interactions in MEG/EEG source space: A note of caution on inter-areal coupling measures. <i>NeuroImage</i> , 2018, 173, 632-643.	2.1	220
100	Audio-visual sensory deprivation degrades visuo-tactile peri-personal space. <i>Consciousness and Cognition</i> , 2018, 61, 61-75.	0.8	29
101	Optimal visuo-vestibular integration for self-motion perception in patients with unilateral vestibular loss. <i>Neuropsychologia</i> , 2018, 111, 112-116.	0.7	3
102	Insula mediates heartbeat related effects on visual consciousness. <i>Cortex</i> , 2018, 101, 87-95.	1.1	28
103	Altered temporal stability in dynamic neural networks underlies connectivity changes in neurodevelopment. <i>NeuroImage</i> , 2018, 174, 563-575.	2.1	60
104	Moving magnetoencephalography towards real-world applications with a wearable system. <i>Nature</i> , 2018, 555, 657-661.	13.7	795
105	Illusory hand ownership in a patient with personal neglect for the upper limb, but no somatoparaphenia. <i>Journal of Neuropsychology</i> , 2018, 12, 442-462.	0.6	5
106	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> , 2018, 28, 2351-2364.	1.6	112
107	Dynamics of large-scale electrophysiological networks: A technical review. <i>NeuroImage</i> , 2018, 180, 559-576.	2.1	174
108	Comparing multilayer brain networks between groups: Introducing graph metrics and recommendations. <i>NeuroImage</i> , 2018, 166, 371-384.	2.1	44

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109	Modulation of vection latencies in the full-body illusion. PLoS ONE, 2018, 13, e0209189.	1.1	0
110	Common Recruitment of Angular Gyrus in Episodic Autobiographical Memory and Bodily Self-Consciousness. Frontiers in Behavioral Neuroscience, 2018, 12, 270.	1.0	30
111	Development of human electrophysiological brain networks. Journal of Neurophysiology, 2018, 120, 3122-3130.	0.9	14
112	Mapping the topological organisation of beta oscillations in motor cortex using MEG. NeuroImage, 2018, 181, 831-844.	2.1	27
113	Cardio-visual full body illusion alters bodily self-consciousness and tactile processing in somatosensory cortex. Scientific Reports, 2018, 8, 9230.	1.6	33
114	Spontaneous cortical activity transiently organises into frequency specific phase-coupling networks. Nature Communications, 2018, 9, 2987.	5.8	270
115	The Architectonic Experience of Body and Space in Augmented Interiors. Frontiers in Psychology, 2018, 9, 375.	1.1	2
116	Cognitive neuroscience using wearable magnetometer arrays: Non-invasive assessment of language function. NeuroImage, 2018, 181, 513-520.	2.1	56
117	Heartbeat-enhanced immersive virtual reality to treat complex regional pain syndrome. Neurology, 2018, 91, e479-e489.	1.5	64
118	Audio-Tactile and Peripersonal Space Processing Around the Trunk in Human Parietal and Temporal Cortex: An Intracranial EEG Study. Cerebral Cortex, 2018, 28, 3385-3397.	1.6	49
119	Neural adaptation accounts for the dynamic resizing of peripersonal space: evidence from a psychophysical-computational approach. Journal of Neurophysiology, 2018, 119, 2307-2333.	0.9	31
120	Changes in electrophysiological markers of cognitive control after administration of galantamine. NeuroImage: Clinical, 2018, 20, 228-235.	1.4	7
121	A bi-planar coil system for nulling background magnetic fields in scalp mounted magnetoencephalography. NeuroImage, 2018, 181, 760-774.	2.1	143
122	Bodily self-consciousness and its disorders. Handbook of Clinical Neurology / Edited By PJ Vinken and G W Bruyn, 2018, 151, 313-330.	1.0	20
123	From multisensory integration in peripersonal space to bodily self-consciousness: from statistical regularities to statistical inference. Annals of the New York Academy of Sciences, 2018, 1426, 146-165.	1.8	46
124	A biophysical model of dynamic balancing of excitation and inhibition in fast oscillatory large-scale networks. PLoS Computational Biology, 2018, 14, e1006007.	1.5	73
125	Rethinking Body Ownership in Schizophrenia: Experimental and Meta-analytical Approaches Show no Evidence for Deficits. Schizophrenia Bulletin, 2018, 44, 643-652.	2.3	27
126	Dorsal and ventral stream contributions to form-from-motion perception in a patient with form-from motion deficit: a case report. Brain Structure and Function, 2017, 222, 1093-1107.	1.2	6



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127	A new generation of magnetoencephalography: Room temperature measurements using optically-pumped magnetometers. <i>NeuroImage</i> , 2017, 149, 404-414.	2.1	329
128	Abnormal task driven neural oscillations in multiple sclerosis: A visuomotor MEG study. <i>Human Brain Mapping</i> , 2017, 38, 2441-2453.	1.9	24
129	Alzheimer's disease disrupts alpha and beta-band resting-state oscillatory network connectivity. <i>Clinical Neurophysiology</i> , 2017, 128, 2347-2357.	0.7	77
130	Optimising experimental design for MEG resting state functional connectivity measurement. <i>NeuroImage</i> , 2017, 155, 565-576.	2.1	67
131	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> , 2017, 159, 473-487.	2.1	59
132	Unconscious integration of multisensory bodily inputs in the peripersonal space shapes bodily self-consciousness. <i>Cognition</i> , 2017, 166, 174-183.	1.1	80
133	Using generative models to make probabilistic statements about hippocampal engagement in MEG. <i>NeuroImage</i> , 2017, 149, 468-482.	2.1	42
134	Cortical and subcortical mechanisms of brain-machine interfaces. <i>Human Brain Mapping</i> , 2017, 38, 2971-2989.	1.9	36
135	Common and distinct brain regions processing multisensory bodily signals for peripersonal space and body ownership. <i>NeuroImage</i> , 2017, 147, 602-618.	2.1	134
136	Virtual reality improves embodiment and neuropathic pain caused by spinal cord injury. <i>Neurology</i> , 2017, 89, 1894-1903.	1.5	96
137	Distinct locomotor control and awareness in awake sleepwalkers. <i>Current Biology</i> , 2017, 27, R1102-R1104.	1.8	9
138	Interferences between breathing, experimental dyspnoea and bodily self-consciousness. <i>Scientific Reports</i> , 2017, 7, 9990.	1.6	38
139	An intra-neural microstimulation system for ultra-high field magnetic resonance imaging and magnetoencephalography. <i>Journal of Neuroscience Methods</i> , 2017, 290, 69-78.	1.3	7
140	A mean field model for movement induced changes in the beta rhythm. <i>Journal of Computational Neuroscience</i> , 2017, 43, 143-158.	0.6	36
141	Entrainment of Voluntary Movement to Undetected Auditory Regularities. <i>Scientific Reports</i> , 2017, 7, 14867.	1.6	10
142	Interoceptive signals impact visual processing: Cardiac modulation of visual body perception. <i>NeuroImage</i> , 2017, 158, 176-185.	2.1	15
143	Ictal postural phantom limb sensation is associated with impaired mental imagery of body parts. <i>Journal of Neurology</i> , 2017, 264, 1532-1535.	1.8	2
144	Performance monitoring for brain-computer-interface actions. <i>Brain and Cognition</i> , 2017, 111, 44-50.	0.8	15

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145	Magnetoencephalographic and functional MRI connectomics in schizophrenia via intra- and inter-network connectivity. <i>NeuroImage</i> , 2017, 145, 96-106.	2.1	42
146	Flexible head-casts for high spatial precision MEG. <i>Journal of Neuroscience Methods</i> , 2017, 276, 38-45.	1.3	69
147	Measurement of dynamic task related functional networks using MEG. <i>NeuroImage</i> , 2017, 146, 667-678.	2.1	110
148	Increasing upper limb training intensity in chronic stroke using embodied virtual reality: a pilot study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2017, 14, 119.	2.4	79
149	Characterizing first and third person viewpoints and their alternation for embodied interaction in virtual reality. <i>PLoS ONE</i> , 2017, 12, e0190109.	1.1	94
150	Modulation of post-movement beta rebound by contraction force and rate of force development. <i>Human Brain Mapping</i> , 2016, 37, 2493-2511.	1.9	65
151	Quantifying the role of motor imagery in brain-machine interfaces. <i>Scientific Reports</i> , 2016, 6, 24076.	1.6	84
152	Oscillatory neural responses evoked by natural vestibular stimuli in humans. <i>Journal of Neurophysiology</i> , 2016, 115, 1228-1242.	0.9	31
153	The Insula Mediates Access to Awareness of Visual Stimuli Presented Synchronously to the Heartbeat. <i>Journal of Neuroscience</i> , 2016, 36, 5115-5127.	1.7	138
154	Transient Modulations of Neural Responses to Heartbeats Covary with Bodily Self-Consciousness. <i>Journal of Neuroscience</i> , 2016, 36, 8453-8460.	1.7	118
155	Integrating cross-frequency and within band functional networks in resting-state MEG: A multi-layer network approach. <i>NeuroImage</i> , 2016, 142, 324-336.	2.1	104
156	Relationships between cortical myeloarchitecture and electrophysiological networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13510-13515.	3.3	96
157	Visual gravity contributes to subjective first-person perspective. <i>Neuroscience of Consciousness</i> , 2016, 2016, niw006.	1.4	11
158	Distinct vestibular effects on early and late somatosensory cortical processing in humans. <i>NeuroImage</i> , 2016, 125, 208-219.	2.1	5
159	Numerical Priming Between Touch and Vision Depends on Tactile Discrimination. <i>Perception</i> , 2016, 45, 114-124.	0.5	0
160	Conceptual processing is referenced to the experienced location of the self, not to the location of the physical body. <i>Cognition</i> , 2016, 154, 182-192.	1.1	25
161	Size and Viewpoint of an Embodied Virtual Body Affect the Processing of Painful Stimuli. <i>Journal of Pain</i> , 2016, 17, 350-358.	0.7	41
162	Abnormal salience signaling in schizophrenia: The role of integrative beta oscillations. <i>Human Brain Mapping</i> , 2016, 37, 1361-1374.	1.9	57

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163	Abnormal visuomotor processing in schizophrenia. <i>NeuroImage: Clinical</i> , 2016, 12, 869-878.	1.4	42
164	A multi-layer network approach to MEG connectivity analysis. <i>NeuroImage</i> , 2016, 132, 425-438.	2.1	205
165	Cognetics: Robotic Interfaces for the Conscious Mind. <i>Trends in Cognitive Sciences</i> , 2016, 20, 162-164.	4.0	30
166	An invisible touch: Body-related multisensory conflicts modulate visual consciousness. <i>Neuropsychologia</i> , 2016, 88, 131-139.	0.7	17
167	On the Potential of a New Generation of Magnetometers for MEG: A Beamformer Simulation Study. <i>PLoS ONE</i> , 2016, 11, e0157655.	1.1	138
168	Body part-centered and full body-centered peripersonal space representations. <i>Scientific Reports</i> , 2015, 5, 18603.	1.6	145
169	Resting-state oscillatory dynamics in sensorimotor cortex in benign epilepsy with centrotemporal spikes and typical brain development. <i>Human Brain Mapping</i> , 2015, 36, 3935-3949.	1.9	27
170	Learning to integrate contradictory multisensory self-motion cue pairings. <i>Journal of Vision</i> , 2015, 15, 10-10.	0.1	50
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