

# Morten Kringelbach

## List of Publications by Citations

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251  
papers

18,587  
citations

59  
h-index

134  
g-index

305  
ext. papers

22,431  
ext. citations

5.9  
avg, IF

7.42  
L-index

#	Paper	IF	Citations
251	Abstract reward and punishment representations in the human orbitofrontal cortex. <i>Nature Neuroscience</i> , <b>2001</b> , 4, 95-102	25.5	1586
250	The human orbitofrontal cortex: linking reward to hedonic experience. <i>Nature Reviews Neuroscience</i> , <b>2005</b> , 6, 691-702	13.5	1570
249	The functional neuroanatomy of the human orbitofrontal cortex: evidence from neuroimaging and neuropsychology. <i>Progress in Neurobiology</i> , <b>2004</b> , 72, 341-72	10.9	1532
248	Affective neuroscience of pleasure: reward in humans and animals. <i>Psychopharmacology</i> , <b>2008</b> , 199, 457-80	10	828
247	Pleasure systems in the brain. <i>Neuron</i> , <b>2015</b> , 86, 646-64	13.9	744
246	Translational principles of deep brain stimulation. <i>Nature Reviews Neuroscience</i> , <b>2007</b> , 8, 623-35	13.5	611
245	Activation of the human orbitofrontal cortex to a liquid food stimulus is correlated with its subjective pleasantness. <i>Cerebral Cortex</i> , <b>2003</b> , 13, 1064-71	5.1	596
244	Different representations of pleasant and unpleasant odours in the human brain. <i>European Journal of Neuroscience</i> , <b>2003</b> , 18, 695-703	3.5	452
243	Taste-olfactory convergence, and the representation of the pleasantness of flavour, in the human brain. <i>European Journal of Neuroscience</i> , <b>2003</b> , 18, 2059-68	3.5	446
242	Towards a functional neuroanatomy of pleasure and happiness. <i>Trends in Cognitive Sciences</i> , <b>2009</b> , 13, 479-87	14	440
241	Representations of pleasant and painful touch in the human orbitofrontal and cingulate cortices. <i>Cerebral Cortex</i> , <b>2003</b> , 13, 308-17	5.1	351
240	Neuroscience of affect: brain mechanisms of pleasure and displeasure. <i>Current Opinion in Neurobiology</i> , <b>2013</b> , 23, 294-303	7.6	333
239	Rethinking segregation and integration: contributions of whole-brain modelling. <i>Nature Reviews Neuroscience</i> , <b>2015</b> , 16, 430-9	13.5	291
238	The human sexual response cycle: brain imaging evidence linking sex to other pleasures. <i>Progress in Neurobiology</i> , <b>2012</b> , 98, 49-81	10.9	269
237	Human cortical responses to water in the mouth, and the effects of thirst. <i>Journal of Neurophysiology</i> , <b>2003</b> , 90, 1865-76	3.2	264
236	Great expectations: using whole-brain computational connectomics for understanding neuropsychiatric disorders. <i>Neuron</i> , <b>2014</b> , 84, 892-905	13.9	237
235	Neural correlates of rapid reversal learning in a simple model of human social interaction. <i>NeuroImage</i> , <b>2003</b> , 20, 1371-83	7.9	234

234	Exploring the network dynamics underlying brain activity during rest. <i>Progress in Neurobiology</i> , <b>2014</b> , 114, 102-31	10.9	228
233	Postnatal depression and its effects on child development: a review of evidence from low- and middle-income countries. <i>British Medical Bulletin</i> , <b>2012</b> , 101, 57-79	5.4	213
232	Representation of umami taste in the human brain. <i>Journal of Neurophysiology</i> , <b>2003</b> , 90, 313-9	3.2	202
231	Food for thought: hedonic experience beyond homeostasis in the human brain. <i>Neuroscience</i> , <b>2004</b> , 126, 807-19	3.9	177
230	Exploring mechanisms of spontaneous functional connectivity in MEG: how delayed network interactions lead to structured amplitude envelopes of band-pass filtered oscillations. <i>NeuroImage</i> , <b>2014</b> , 90, 423-35	7.9	175
229	The dynamics of resting fluctuations in the brain: metastability and its dynamical cortical core. <i>Scientific Reports</i> , <b>2017</b> , 7, 3095	4.9	175
228	A specific and rapid neural signature for parental instinct. <i>PLoS ONE</i> , <b>2008</b> , 3, e1664	3.7	166
227	Functional connectivity dynamically evolves on multiple time-scales over a static structural connectome: Models and mechanisms. <i>NeuroImage</i> , <b>2017</b> , 160, 84-96	7.9	158
226	Visual word recognition: the first half second. <i>NeuroImage</i> , <b>2004</b> , 22, 1819-25	7.9	145
225	Syncopation, body-movement and pleasure in groove music. <i>PLoS ONE</i> , <b>2014</b> , 9, e94446	3.7	142
224	Fast, Fully Automated Global and Local Magnetic Field Optimization for fMRI of the Human Brain. <i>NeuroImage</i> , <b>2002</b> , 17, 967-976	7.9	133
223	On Cuteness: Unlocking the Parental Brain and Beyond. <i>Trends in Cognitive Sciences</i> , <b>2016</b> , 20, 545-558	14	129
222	Methamphetamine activates reward circuitry in drug naïve human subjects. <i>Neuropsychopharmacology</i> , <b>2004</b> , 29, 1715-22	8.7	125
221	Modeling the outcome of structural disconnection on resting-state functional connectivity. <i>NeuroImage</i> , <b>2012</b> , 62, 1342-53	7.9	123
220	Taste-related activity in the human dorsolateral prefrontal cortex. <i>NeuroImage</i> , <b>2004</b> , 21, 781-8	7.9	123
219	Sex for fun: a synthesis of human and animal neurobiology. <i>Nature Reviews Urology</i> , <b>2012</b> , 9, 486-98	5.5	114
218	Ever-changing cycles of musical pleasure: The role of dopamine and anticipation.. <i>Psychomusicology: Music, Mind and Brain</i> , <b>2012</b> , 22, 152-167	1.8	113
217	The personality trait openness is related to cerebral 5-HTT levels. <i>NeuroImage</i> , <b>2009</b> , 45, 280-5	7.9	113

216	Reconceptualizing anhedonia: novel perspectives on balancing the pleasure networks in the human brain. <i>Frontiers in Behavioral Neuroscience</i> , <b>2015</b> , 9, 49	3.5	112
215	Cognitive performance in healthy older adults relates to spontaneous switching between states of functional connectivity during rest. <i>Scientific Reports</i> , <b>2017</b> , 7, 5135	4.9	110
214	Building a neuroscience of pleasure and well-being. <i>Psychology of Well-being</i> , <b>2011</b> , 1, 1-3		108
213	Metastability and Coherence: Extending the Communication through Coherence Hypothesis Using A Whole-Brain Computational Perspective. <i>Trends in Neurosciences</i> , <b>2016</b> , 39, 125-135	13.3	104
212	A systematic review of impulse control disorders in Parkinson's disease. <i>Journal of Parkinson Disease</i> , <b>2013</b> , 3, 105-38	5.3	102
211	The Affective Core of Emotion: Linking Pleasure, Subjective Well-Being, and Optimal Metastability in the Brain. <i>Emotion Review</i> , <b>2017</b> , 9, 191-199	4.6	100
210	Post-traumatic stress influences the brain even in the absence of symptoms: A systematic, quantitative meta-analysis of neuroimaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2015</b> , 56, 207-21	9	100
209	The functional human neuroanatomy of food pleasure cycles. <i>Physiology and Behavior</i> , <b>2012</b> , 106, 307-163.5	3.5	98
208	Activation of the left inferior frontal gyrus in the first 200 ms of reading: evidence from magnetoencephalography (MEG). <i>PLoS ONE</i> , <b>2009</b> , 4, e5359	3.7	98
207	Connectivity of the human pedunculopontine nucleus region and diffusion tensor imaging in surgical targeting. <i>Journal of Neurosurgery</i> , <b>2007</b> , 107, 814-20	3.2	96
206	The motivational salience of infant faces is similar for men and women. <i>PLoS ONE</i> , <b>2011</b> , 6, e20632	3.7	94
205	Targeting the affective component of chronic pain: a case series of deep brain stimulation of the anterior cingulate cortex. <i>Neurosurgery</i> , <b>2014</b> , 74, 628-35; discussion 635-7	3.2	93
204	The functional neuroanatomy of the evolving parent-infant relationship. <i>Progress in Neurobiology</i> , <b>2010</b> , 91, 220-41	10.9	91
203	Single or multiple frequency generators in on-going brain activity: A mechanistic whole-brain model of empirical MEG data. <i>NeuroImage</i> , <b>2017</b> , 152, 538-550	7.9	87
202	The functional neuroanatomy of pleasure and happiness. <i>Discovery Medicine</i> , <b>2010</b> , 9, 579-87	2.5	86
201	Connectome-harmonic decomposition of human brain activity reveals dynamical repertoire re-organization under LSD. <i>Scientific Reports</i> , <b>2017</b> , 7, 17661	4.9	84
200	Deep brain stimulation for chronic pain investigated with magnetoencephalography. <i>NeuroReport</i> , <b>2007</b> , 18, 223-8	1.7	82
199	Discovery of key whole-brain transitions and dynamics during human wakefulness and non-REM sleep. <i>Nature Communications</i> , <b>2019</b> , 10, 1035	17.4	72

198	Neural plasticity in human brain connectivity: the effects of long term deep brain stimulation of the subthalamic nucleus in Parkinson's disease. <i>PLoS ONE</i> , <b>2014</b> , 9, e86496	3.7	71
197	Whole-Brain Multimodal Neuroimaging Model Using Serotonin Receptor Maps Explains Non-linear Functional Effects of LSD. <i>Current Biology</i> , <b>2018</b> , 28, 3065-3074.e6	6.3	69
196	Dynamic coupling of whole-brain neuronal and neurotransmitter systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 9566-9576	11.5	67
195	Awakening: Predicting external stimulation to force transitions between different brain states. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 18088-18097	11.5	65
194	The Rediscovery of Slowness: Exploring the Timing of Cognition. <i>Trends in Cognitive Sciences</i> , <b>2015</b> , 19, 616-628	14	65
193	Understanding the human parental brain: a critical role of the orbitofrontal cortex. <i>Social Neuroscience</i> , <b>2013</b> , 8, 525-43	2	59
192	Deep brain stimulation of the anterior cingulate cortex: targeting the affective component of chronic pain. <i>NeuroReport</i> , <b>2014</b> , 25, 83-8	1.7	58
191	Contrasting connectivity of the ventralis intermedius and ventralis oralis posterior nuclei of the motor thalamus demonstrated by probabilistic tractography. <i>Neurosurgery</i> , <b>2012</b> , 70, 162-9; discussion 169	3.2	58
190	Severity of gambling is associated with severity of depressive symptoms in pathological gamblers. <i>Behavioural Pharmacology</i> , <b>2009</b> , 20, 527-36	2.4	56
189	Uncovering the underlying mechanisms and whole-brain dynamics of deep brain stimulation for Parkinson's disease. <i>Scientific Reports</i> , <b>2017</b> , 7, 9882	4.9	55
188	Balancing the brain: resting state networks and deep brain stimulation. <i>Frontiers in Integrative Neuroscience</i> , <b>2011</b> , 5, 8	3.2	55
187	Dynamical exploration of the repertoire of brain networks at rest is modulated by psilocybin. <i>NeuroImage</i> , <b>2019</b> , 199, 127-142	7.9	53
186	Hierarchy of Information Processing in the Brain: A Novel 'Intrinsic Ignition' Framework. <i>Neuron</i> , <b>2017</b> , 94, 961-968	13.9	51
185	Understanding principles of integration and segregation using whole-brain computational connectomics: implications for neuropsychiatric disorders. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2017</b> , 375,	3	49
184	Now you hear it: a predictive coding model for understanding rhythmic incongruity. <i>Annals of the New York Academy of Sciences</i> , <b>2018</b> , 1423, 19	6.5	49
183	Increased Stability and Breakdown of Brain Effective Connectivity During Slow-Wave Sleep: Mechanistic Insights from Whole-Brain Computational Modelling. <i>Scientific Reports</i> , <b>2017</b> , 7, 4634	4.9	48
182	Functional complexity emerging from anatomical constraints in the brain: the significance of network modularity and rich-clubs. <i>Scientific Reports</i> , <b>2016</b> , 6, 38424	4.9	48
181	The Pleasure of Making Sense of Music. <i>Interdisciplinary Science Reviews</i> , <b>2010</b> , 35, 166-182	0.7	47

180	The pleasure of reading. <i>Interdisciplinary Science Reviews</i> , <b>2008</b> , 33, 321-335	0.7	46
179	Harmonic Brain Modes: A Unifying Framework for Linking Space and Time in Brain Dynamics. <i>Neuroscientist</i> , <b>2018</b> , 24, 277-293	7.6	44
178	Fast, fully automated global and local magnetic field optimization for fMRI of the human brain. <i>NeuroImage</i> , <b>2002</b> , 17, 967-76	7.9	44
177	Structural connectivity in schizophrenia and its impact on the dynamics of spontaneous functional networks. <i>Chaos</i> , <b>2013</b> , 23, 046111	3.3	43
176	Sing the mind electric - principles of deep brain stimulation. <i>European Journal of Neuroscience</i> , <b>2010</b> , 32, 1070-9	3.5	43
175	Abnormal thalamocortical dynamics may be altered by deep brain stimulation: using magnetoencephalography to study phantom limb pain. <i>Journal of Clinical Neuroscience</i> , <b>2009</b> , 16, 32-6	2.2	43
174	How structure sculpts function: Unveiling the contribution of anatomical connectivity to the brain's spontaneous correlation structure. <i>Chaos</i> , <b>2017</b> , 27, 047409	3.3	42
173	Perturbation of whole-brain dynamics in silico reveals mechanistic differences between brain states. <i>NeuroImage</i> , <b>2018</b> , 169, 46-56	7.9	41
172	The autonomic effects of deep brain stimulation--a therapeutic opportunity. <i>Nature Reviews Neurology</i> , <b>2012</b> , 8, 391-400	15	40
171	Neural signatures in patients with neuropathic pain. <i>Neurology</i> , <b>2009</b> , 72, 569-71	6.5	40
170	Brain States and Transitions: Insights from Computational Neuroscience. <i>Cell Reports</i> , <b>2020</b> , 32, 108128	10.6	40
169	Brain fingerprints of olfaction: a novel structural method for assessing olfactory cortical networks in health and disease. <i>Scientific Reports</i> , <b>2017</b> , 7, 42534	4.9	39
168	Introducing the Oxford Vocal (OxVoc) Sounds database: a validated set of non-acted affective sounds from human infants, adults, and domestic animals. <i>Frontiers in Psychology</i> , <b>2014</b> , 5, 562	3.4	38
167	Minor structural abnormalities in the infant face disrupt neural processing: a unique window into early caregiving responses. <i>Social Neuroscience</i> , <b>2013</b> , 8, 268-74	2	37
166	The joyful mind. <i>Scientific American</i> , <b>2012</b> , 307, 40-5	0.5	34
165	The most relevant human brain regions for functional connectivity: Evidence for a dynamical workspace of binding nodes from whole-brain computational modelling. <i>NeuroImage</i> , <b>2017</b> , 146, 197-210	7.9	32
164	Pleasures of art. <i>Trends in Cognitive Sciences</i> , <b>2014</b> , 18, 449-450	14	30
163	Syncopation affects free body-movement in musical groove. <i>Experimental Brain Research</i> , <b>2017</b> , 235, 995-1005	2.3	29

162	Role of white-matter pathways in coordinating alpha oscillations in resting visual cortex. <i>NeuroImage</i> , <b>2015</b> , 106, 328-39	7.9	29
161	How delays matter in an oscillatory whole-brain spiking-neuron network model for MEG alpha-rhythms at rest. <i>NeuroImage</i> , <b>2014</b> , 87, 383-94	7.9	29
160	Listening to infant distress vocalizations enhances effortful motor performance. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2012</b> , 101, e189-91	3.1	29
159	The effect of cleft lip on adults' responses to faces: cross-species findings. <i>PLoS ONE</i> , <b>2011</b> , 6, e25897	3.7	29
158	Deep brain stimulation: avoiding the errors of psychosurgery. <i>JAMA - Journal of the American Medical Association</i> , <b>2009</b> , 301, 1705-7	27.4	29
157	Pre-operative DTI and probabilistic tractography in four patients with deep brain stimulation for chronic pain. <i>Journal of Clinical Neuroscience</i> , <b>2008</b> , 15, 801-5	2.2	29
156	Duration of motherhood has incremental effects on mothers' neural processing of infant vocal cues: a neuroimaging study of women. <i>Scientific Reports</i> , <b>2017</b> , 7, 1727	4.9	28
155	Evidence for a Caregiving Instinct: Rapid Differentiation of Infant from Adult Vocalizations Using Magnetoencephalography. <i>Cerebral Cortex</i> , <b>2016</b> , 26, 1309-1321	5.1	28
154	The neural basis of responsive caregiving behaviour: Investigating temporal dynamics within the parental brain. <i>Behavioural Brain Research</i> , <b>2017</b> , 325, 105-116	3.4	28
153	Ready for action: a role for the human midbrain in responding to infant vocalizations. <i>Social Cognitive and Affective Neuroscience</i> , <b>2014</b> , 9, 977-84	4	28
152	Altered paralimbic interaction in behavioral addiction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 4744-9	11.5	28
151	The neural mechanism of hedonic processing and judgment of pleasant odors: An activation likelihood estimation meta-analysis. <i>Neuropsychology</i> , <b>2016</b> , 30, 970-979	3.8	27
150	Novel Intrinsic Ignition Method Measuring Local-Global Integration Characterizes Wakefulness and Deep Sleep. <i>ENeuro</i> , <b>2017</b> , 4,	3.9	27
149	Insights into Brain Architectures from the Homological Scaffolds of Functional Connectivity Networks. <i>Frontiers in Systems Neuroscience</i> , <b>2016</b> , 10, 85	3.5	27
148	A Kuramoto model of self-other integration across interpersonal synchronization strategies. <i>PLoS Computational Biology</i> , <b>2019</b> , 15, e1007422	5	26
147	Brain songs framework used for discovering the relevant timescale of the human brain. <i>Nature Communications</i> , <b>2019</b> , 10, 583	17.4	26
146	Salivary oxytocin mediates the association between emotional maltreatment and responses to emotional infant faces. <i>Physiology and Behavior</i> , <b>2014</b> , 131, 123-8	3.5	26
145	Altered ability to access a clinically relevant control network in patients remitted from major depressive disorder. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 2771-2786	5.9	24



144	The pleasure of food: underlying brain mechanisms of eating and other pleasures. <i>Flavour</i> , <b>2015</b> , 4,		24
143	Deep brain stimulation for cluster headache. <i>Journal of Clinical Neuroscience</i> , <b>2009</b> , 16, 861-6	2.2	24
142	Human brain connectivity: Clinical applications for clinical neurophysiology. <i>Clinical Neurophysiology</i> , <b>2020</b> , 131, 1621-1651	4.3	23
141	The bonnie baby: experimentally manipulated temperament affects perceived cuteness and motivation to view infant faces. <i>Developmental Science</i> , <b>2014</b> , 17, 257-69	4.5	23
140	MEG can map short and long-term changes in brain activity following deep brain stimulation for chronic pain. <i>PLoS ONE</i> , <b>2012</b> , 7, e37993	3.7	23
139	Functional graph alterations in schizophrenia: a result from a global anatomic decoupling?. <i>Pharmacopsychiatry</i> , <b>2012</b> , 45 Suppl 1, S57-64	2	23
138	Intuitive parenting: understanding the neural mechanisms of parents' adaptive responses to infants. <i>Current Opinion in Psychology</i> , <b>2017</b> , 15, 40-44	6.2	22
137	Preoperative DTI and probabilistic tractography in an amputee with deep brain stimulation for lower limb stump pain. <i>British Journal of Neurosurgery</i> , <b>2007</b> , 21, 485-90	1	22
136	Olfactory screening: validation of Sniffin' Sticks in Denmark. <i>Clinical Otolaryngology</i> , <b>2015</b> , 40, 545-50	1.8	21
135	Motion and emotion: depression reduces psychomotor performance and alters affective movements in caregiving interactions. <i>Frontiers in Behavioral Neuroscience</i> , <b>2015</b> , 9, 26	3.5	21
134	Effects of Polyphonic Context, Instrumentation, and Metrical Location on Syncopation in Music. <i>Music Perception</i> , <b>2014</b> , 32, 201-217	1.6	21
133	The Neuroscience of Happiness and Pleasure. <i>Social Research</i> , <b>2010</b> , 77, 659-678		21
132	Novel fingerprinting method characterises the necessary and sufficient structural connectivity from deep brain stimulation electrodes for a successful outcome. <i>New Journal of Physics</i> , <b>2015</b> , 17, 015001	2.9	20
131	Ghost Attractors in Spontaneous Brain Activity: Recurrent Excursions Into Functionally-Relevant BOLD Phase-Locking States. <i>Frontiers in Systems Neuroscience</i> , <b>2020</b> , 14, 20	3.5	20
130	Interpreting infant vocal distress: the ameliorative effect of musical training in depression. <i>Emotion</i> , <b>2012</b> , 12, 1200-5	4.1	20
129	Modeling regional changes in dynamic stability during sleep and wakefulness. <i>NeuroImage</i> , <b>2020</b> , 215, 116833	7.9	20
128	Common neural signatures of psychedelics: Frequency-specific energy changes and repertoire expansion revealed using connectome-harmonic decomposition. <i>Progress in Brain Research</i> , <b>2018</b> , 242, 97-120	2.9	20
127	Reliable local dynamics in the brain across sessions are revealed by whole-brain modeling of resting state activity. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 2967-2980	5.9	19



126	Revisiting the global workspace orchestrating the hierarchical organization of the human brain. <i>Nature Human Behaviour</i> , <b>2021</b> , 5, 497-511	12.8	19
125	A randomized controlled trial of bedtime music for insomnia disorder. <i>Journal of Sleep Research</i> , <b>2019</b> , 28, e12817	5.8	18
124	Tractography Study of Deep Brain Stimulation of the Anterior Cingulate Cortex in Chronic Pain: Key to Improve the Targeting. <i>World Neurosurgery</i> , <b>2016</b> , 86, 361-70.e1-3	2.1	18
123	Turbulent-like Dynamics in the Human Brain. <i>Cell Reports</i> , <b>2020</b> , 33, 108471	10.6	17
122	Distinct criticality of phase and amplitude dynamics in the resting brain. <i>NeuroImage</i> , <b>2018</b> , 180, 442-447.7.9		17
121	Musical interaction is influenced by underlying predictive models and musical expertise. <i>Scientific Reports</i> , <b>2019</b> , 9, 11048	4.9	16
120	Non-Gaussian probabilistic MEG source localisation based on kernel density estimation. <i>NeuroImage</i> , <b>2014</b> , 87, 444-64	7.9	15
119	Sensing emotion in voices: Negativity bias and gender differences in a validation study of the Oxford Vocal ('OxVoc') sounds database. <i>Psychological Assessment</i> , <b>2017</b> , 29, 967-977	5.3	15
118	Effects of intranasal oxytocin administration on memory for infant cues: moderation by childhood emotional maltreatment. <i>Social Neuroscience</i> , <b>2014</b> , 9, 536-47	2	15
117	Yoga lessons for consciousness research: a paralimbic network balancing brain resource allocation. <i>Frontiers in Psychology</i> , <b>2011</b> , 2, 366	3.4	15
116	Interpreting infant emotional expressions: Parenthood has differential effects on men and women. <i>Quarterly Journal of Experimental Psychology</i> , <b>2017</b> , 70, 554-564	1.8	14
115	Effects of Infant Cleft Lip on Adult Gaze and Perceptions of "Cuteness". <i>Cleft Palate-Craniofacial Journal</i> , <b>2017</b> , 54, 562-570	1.9	14
114	Evidence from a rare case study for Hebbian-like changes in structural connectivity induced by long-term deep brain stimulation. <i>Frontiers in Behavioral Neuroscience</i> , <b>2015</b> , 9, 167	3.5	14
113	Neuroethical principles of deep-brain stimulation. <i>World Neurosurgery</i> , <b>2011</b> , 76, 518-9	2.1	14
112	Signature of consciousness in brain-wide synchronization patterns of monkey and human fMRI signals. <i>NeuroImage</i> , <b>2021</b> , 226, 117470	7.9	14
111	Bright environmental light ameliorates deficient subjective 'liking' in insomnia: an experience sampling study. <i>Sleep</i> , <b>2018</b> , 41,	1.1	12
110	The Olfactory System <b>2012</b> , 1219-1238		12
109	Disrupted brain structural connectivity in Pediatric Bipolar Disorder with psychosis. <i>Scientific Reports</i> , <b>2019</b> , 9, 13638	4.9	11

108	Short-Term Orchestral Music Training Modulates Hyperactivity and Inhibitory Control in School-Age Children: A Longitudinal Behavioural Study. <i>Frontiers in Psychology</i> , <b>2019</b> , 10, 750	3.4	11
107	Music training and empathy positively impact adults' sensitivity to infant distress. <i>Frontiers in Psychology</i> , <b>2014</b> , 5, 1440	3.4	11
106	Application of a null-beamformer to source localisation in MEG data of deep brain stimulation. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2010</b> , 2010, 4120-3	0.9	11
105	Cortical mechanisms of human eating. <i>Forum of Nutrition</i> , <b>2010</b> , 63, 164-175		11
104	Dynamical consequences of regional heterogeneity in the brain's transcriptional landscape. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	11
103	Connectome Harmonic Decomposition of Human Brain Dynamics Reveals a Landscape of Consciousness		10
102	Reduced structural connectivity in Insomnia Disorder. <i>Journal of Sleep Research</i> , <b>2020</b> , 29, e12901	5.8	10
101	The dynamics of human cognition: Increasing global integration coupled with decreasing segregation found using iEEG. <i>NeuroImage</i> , <b>2018</b> , 172, 492-505	7.9	9
100	Neural responses during the anticipation and receipt of olfactory reward and punishment in human. <i>Neuropsychologia</i> , <b>2018</b> , 111, 172-179	3.2	9
99	Neuroscience of Reward, Motivation, and Drive. <i>Advances in Motivation and Achievement: A Research Annual</i> , <b>2016</b> , 23-35	1.5	9
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97	Effects of external stimulation on psychedelic state neurodynamics		9
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