

# Morten Kringelbach

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4267135/morten-kringelbach-publications-by-year.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Whole-brain modeling to predict optimal deep brain stimulation targeting <b>2022</b> , 543-559		0
250	Large-scale societal dynamics are reflected in human mood and brain.. <i>Scientific Reports</i> , <b>2022</b> , 12, 4646	4.9	
249	Dissociated brain functional connectivity of fast versus slow frequencies underlying individual differences in fluid intelligence: a DTI and MEG study.. <i>Scientific Reports</i> , <b>2022</b> , 12, 4746	4.9	0
248	Music in the brain.. <i>Nature Reviews Neuroscience</i> , <b>2022</b> ,	13.5	5
247	Data and model considerations for estimating time-varying functional connectivity in fMRI.. <i>NeuroImage</i> , <b>2022</b> , 252, 119026	7.9	0
246	Psychedelic Resting-state Neuroimaging: A Review and Perspective on Balancing Replication and Novel Analyses.. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2022</b> , 104689	9	3
245	Whole-brain dynamics differentiate among cisgender and transgender individuals.. <i>Human Brain Mapping</i> , <b>2022</b> ,	5.9	1
244	'Uncertainty attunement' has explanatory value in understanding autistic anxiety. <i>Trends in Cognitive Sciences</i> , <b>2021</b> , 25, 1011-1012	14	0
243	Revealing the Relevant Spatiotemporal Scale Underlying Whole-Brain Dynamics. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 715861	5.1	0
242	Validation of Olfactory Network Based on Brain Structural Connectivity and Its Association With Olfactory Test Scores. <i>Frontiers in Systems Neuroscience</i> , <b>2021</b> , 15, 638053	3.5	1
241	Bridging the gap between single receptor type activity and whole-brain dynamics. <i>FEBS Journal</i> , <b>2021</b> ,	5.7	1
240	Increased sensitivity to strong perturbations in a whole-brain model of LSD. <i>NeuroImage</i> , <b>2021</b> , 230, 117809	7.9	4
239	Effects of visual attention modulation on dynamic functional connectivity during own-face viewing in body dysmorphic disorder. <i>Neuropsychopharmacology</i> , <b>2021</b> , 46, 2030-2038	8.7	0
238	Predictive Intelligence for Learning and Optimization <b>2021</b> , 162-188		
237	Sweet anticipation and positive emotions in music, groove, and dance. <i>Current Opinion in Behavioral Sciences</i> , <b>2021</b> , 39, 79-84	4	2
236	Leonardo da Vinci and the search for order in neuroscience. <i>Current Biology</i> , <b>2021</b> , 31, R704-R709	6.3	4
235	Decoding brain states on the intrinsic manifold of human brain dynamics across wakefulness and sleep. <i>Communications Biology</i> , <b>2021</b> , 4, 854	6.7	4

234	Dynamical consequences of regional heterogeneity in the brain's transcriptional landscape. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	11
233	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
232	Transient brain networks underlying interpersonal strategies during synchronized action. <i>Social Cognitive and Affective Neuroscience</i> , <b>2021</b> , 16, 19-30	4	7
231	Hierarchical disruption in the cortex of anesthetized monkeys as a new signature of consciousness loss. <i>NeuroImage</i> , <b>2021</b> , 227, 117618	7.9	0
230	Graph neural fields: A framework for spatiotemporal dynamical models on the human connectome. <i>PLoS Computational Biology</i> , <b>2021</b> , 17, e1008310	5	6
229	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
228	Noise-driven multistability vs deterministic chaos in phenomenological semi-empirical models of whole-brain activity. <i>Chaos</i> , <b>2021</b> , 31, 023127	3.3	4
227	Intrusive Traumatic Reexperiencing: Pathognomonic of the Psychological Response to Traumatic Stress. <i>American Journal of Psychiatry</i> , <b>2021</b> , 178, 119-122	11.9	7
226	Perturbations in dynamical models of whole-brain activity dissociate between the level and stability of consciousness. <i>PLoS Computational Biology</i> , <b>2021</b> , 17, e1009139	5	8
225	Nonequilibrium brain dynamics as a signature of consciousness. <i>Physical Review E</i> , <b>2021</b> , 104, 014411	2.4	2
224	Autistic Cognition: Charting Routes to Anxiety. <i>Trends in Cognitive Sciences</i> , <b>2021</b> , 25, 571-581	14	4
223	Functional harmonics reveal multi-dimensional basis functions underlying cortical organization. <i>Cell Reports</i> , <b>2021</b> , 36, 109554	10.6	1
222	A metastable attractor model of self-other integration (MEAMSO) in rhythmic synchronization. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 376, 20200332	5.8	4
221	Rare long-range cortical connections enhance human information processing. <i>Current Biology</i> , <b>2021</b> , 31, 4436-4448.e5	6.3	8
220	Loss of consciousness reduces the stability of brain hubs and the heterogeneity of brain dynamics. <i>Communications Biology</i> , <b>2021</b> , 4, 1037	6.7	2
219	Capturing the non-stationarity of whole-brain dynamics underlying human brain states. <i>NeuroImage</i> , <b>2021</b> , 244, 118551	7.9	3
218	The Menstrual Cycle Modulates Whole-Brain Turbulent Dynamics.. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 753820	5.1	2
217	Rapid encoding of musical tones discovered in whole-brain connectivity. <i>NeuroImage</i> , <b>2021</b> , 245, 1187357.9	7.9	1

216	Turbulent-like Dynamics in the Human Brain. <i>Cell Reports</i> , <b>2020</b> , 33, 108471	10.6	17
215	Reduced spatiotemporal brain dynamics are associated with increased depressive symptoms after a relationship breakup. <i>NeuroImage: Clinical</i> , <b>2020</b> , 27, 102299	5.3	5
214	Are We Designed to Be Happy? <b>2020</b> , 91-96		
213	The Power of Smiling: The Adult Brain Networks Underlying Learned Infant Emotionality. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 2019-2029	5.1	8
212	Data augmentation based on dynamical systems for the classification of brain states. <i>Chaos, Solitons and Fractals</i> , <b>2020</b> , 139, 110069	9.3	4
211	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
210	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
209	Human brain connectivity: Clinical applications for clinical neurophysiology. <i>Clinical Neurophysiology</i> , <b>2020</b> , 131, 1621-1651	4.3	23
208	Uncovering the spatiotemporal scales of common neuro-mental constructs: Comment on "Is temporo-spatial dynamics the 'common currency' of brain and mind? In Quest of 'Spatiotemporal Neuroscience'" by Georg Northoff et al. <i>Physics of Life Reviews</i> , <b>2020</b> , 33, 64-66	2.1	0
207	Reduced structural connectivity in Insomnia Disorder. <i>Journal of Sleep Research</i> , <b>2020</b> , 29, e12901	5.8	10
206	Brain States and Transitions: Insights from Computational Neuroscience. <i>Cell Reports</i> , <b>2020</b> , 32, 108128	10.6	40
205	Generative Embeddings of Brain Collective Dynamics Using Variational Autoencoders. <i>Physical Review Letters</i> , <b>2020</b> , 125, 238101	7.4	5
204	Harmonic waves as the fundamental principle underlying temporo-spatial dynamics of brain and mind: Comment on "Is temporo-spatial dynamics the "common currency" of brain and mind? In Quest of "Spatiotemporal Neuroscience"" Georg Northoff et al. <i>Physics of Life Reviews</i> , <b>2020</b> , 33, 67-69	2.1	1
203	Breakdown of Whole-brain Dynamics in Preterm-born Children. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 1159-1170	5.1	5
202	Modeling regional changes in dynamic stability during sleep and wakefulness. <i>NeuroImage</i> , <b>2020</b> , 215, 116833	7.9	20
201	A Kuramoto model of self-other integration across interpersonal synchronization strategies. <i>PLoS Computational Biology</i> , <b>2019</b> , 15, e1007422	5	26
200	Pawsitively sad: pet-owners are more sensitive to negative emotion in animal distress vocalizations. <i>Royal Society Open Science</i> , <b>2019</b> , 6, 181555	3.3	5
199	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

198	Pessimistic outcome expectancy does not explain ambiguity aversion in decision-making under uncertainty. <i>Scientific Reports</i> , <b>2019</b> , 9, 12177	4.9	1
197	Disrupted brain structural connectivity in Pediatric Bipolar Disorder with psychosis. <i>Scientific Reports</i> , <b>2019</b> , 9, 13638	4.9	11
196	A randomized controlled trial of bedtime music for insomnia disorder. <i>Journal of Sleep Research</i> , <b>2019</b> , 28, e12817	5.8	18
195	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
194	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
193	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
192	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
191	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
190	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
189	Whole-brain modeling of neuroimaging data: Moving beyond correlation to causation <b>2019</b> , 139-143		0
188	Musical interaction is influenced by underlying predictive models and musical expertise. <i>Scientific Reports</i> , <b>2019</b> , 9, 11048	4.9	16
187	Neurobiology of Human Parenting <b>2019</b> , 250-284		2
186	Playing at the Edge of Criticality: Expanded Whole-Brain Repertoire of Connectome-Harmonics. <i>Springer Series on Bio- and Neurosystems</i> , <b>2019</b> , 27-45	0.5	5
185	Environmental light and time of day modulate subjective liking and wanting. <i>Emotion</i> , <b>2019</b> , 19, 10-20	4.1	8
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	Scale-freeness or partial synchronization in neural mass phase oscillator networks: Pick one of two?. <i>NeuroImage</i> , <b>2018</b> , 180, 428-441	7.9	6
182	Bright environmental light ameliorates deficient subjective 'liking' in insomnia: an experience sampling study. <i>Sleep</i> , <b>2018</b> , 41,	1.1	12
181	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

180	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
179	Distinct criticality of phase and amplitude dynamics in the resting brain. <i>NeuroImage</i> , <b>2018</b> , 180, 442-447	7.9	17
178	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
177	Music, dance, and other art forms: New insights into the links between hedonia (pleasure) and eudaimonia (well-being). <i>Progress in Brain Research</i> , <b>2018</b> , 237, 129-152	2.9	7
176	Please Please Me! <b>2018</b> , 205-218		
175	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
174	Higher and Lower Pleasures Revisited: Evidence from Neuroscience. <i>Neuroethics</i> , <b>2018</b> , 11, 211-215	1.2	1
173	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
172	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
171	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
170	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
169	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
168	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
167	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
166	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
165	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
164	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
163	Experimental manipulation of infant temperament affects amygdala functional connectivity. <i>Cognitive, Affective and Behavioral Neuroscience</i> , <b>2017</b> , 17, 858-868	3.5	7

162	Hierarchy of Information Processing in the Brain: A Novel 'Intrinsic Ignition' Framework. <i>Neuron</i> , <b>2017</b> , 94, 961-968	13.9	51
161	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
160	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
159	Syncopation affects free body-movement in musical groove. <i>Experimental Brain Research</i> , <b>2017</b> , 235, 995-1005	2.3	29
158	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
157	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
156	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
155	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
154	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
153	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
152	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
151	Neural Plasticity in Human Brain Connectivity <b>2017</b> , 527-546		
150	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
149	Novel Intrinsic Ignition Method Measuring Local-Global Integration Characterizes Wakefulness and Deep Sleep. <i>ENeuro</i> , <b>2017</b> , 4,	3.9	27
148	Music Improvisation <b>2017</b> , 265-275		3
147	Neuroscience of Reward, Motivation, and Drive. <i>Advances in Motivation and Achievement: A Research Annual</i> , <b>2016</b> , 23-35	1.5	9
146	Intimacy and the Brain: Lessons from Genital and Sexual Touch <b>2016</b> , 301-321		1
145	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

144	Time in the orbitofrontal cortex. <i>Brain</i> , <b>2016</b> , 139, 1010-3	11.2	6
143	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
142	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
141	Limbic Cortex: The Functional Neuroanatomy of Emotion and Hedonic Processing <b>2016</b> , 1469-1501		
140	Pleasure of Food in the Brain <b>2016</b> , 211-234		5
139	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
138	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
137	On Cuteness: Unlocking the Parental Brain and Beyond. <i>Trends in Cognitive Sciences</i> , <b>2016</b> , 20, 545-558	14	129
136	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
135	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
134	Predictive coding links perception, action, and learning to emotions in music: Comment on "The quartet theory of human emotions: An integrative and neurofunctional model" by S. Koelsch et al. <i>Physics of Life Reviews</i> , <b>2015</b> , 13, 50-2	2.1	6
133	Musical rhythm and affect: Comment on "The quartet theory of human emotions: An integrative and neurofunctional model" by S. Koelsch et al. <i>Physics of Life Reviews</i> , <b>2015</b> , 13, 92-4	2.1	2
132	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
131	Rethinking segregation and integration: contributions of whole-brain modelling. <i>Nature Reviews Neuroscience</i> , <b>2015</b> , 16, 430-9	13.5	291
130	The pleasure of food: underlying brain mechanisms of eating and other pleasures. <i>Flavour</i> , <b>2015</b> , 4,		24
129	Pleasure systems in the brain. <i>Neuron</i> , <b>2015</b> , 86, 646-64	13.9	744
128	The Rediscovery of Slowness: Exploring the Timing of Cognition. <i>Trends in Cognitive Sciences</i> , <b>2015</b> , 19, 616-628	14	65
127	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

126	Olfactory screening: validation of Sniffin' Sticks in Denmark. <i>Clinical Otolaryngology</i> , <b>2015</b> , 40, 545-50	1.8	21
125	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
124	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
123	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
122	A Balanced Mind: A Network Perspective on Mood and Motivation Brain Pathways <b>2015</b> , 13-28		
121	Limbic Cortex: The Functional Neuroanatomy of Emotion and Hedonic Processing <b>2015</b> , 1-33		
120	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
119	Exploring the network dynamics underlying brain activity during rest. <i>Progress in Neurobiology</i> , <b>2014</b> , 114, 102-31	10.9	228
118	Pleasures of art. <i>Trends in Cognitive Sciences</i> , <b>2014</b> , 18, 449-450	14	30
117	Non-Gaussian probabilistic MEG source localisation based on kernel density estimation. <i>NeuroImage</i> , <b>2014</b> , 87, 444-64	7.9	15
116	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
115	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
114	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
113	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
112	Music training and empathy positively impact adults' sensitivity to infant distress. <i>Frontiers in Psychology</i> , <b>2014</b> , 5, 1440	3.4	11
111	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
110	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
109	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

108	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
107	Great expectations: using whole-brain computational connectomics for understanding neuropsychiatric disorders. <i>Neuron</i> , <b>2014</b> , 84, 892-905	13.9	237
106	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
105	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
104	Syncopation, body-movement and pleasure in groove music. <i>PLoS ONE</i> , <b>2014</b> , 9, e94446	3.7	142
103	Disrupted connectivity in schizophrenia: modelling the impact of structural connectivity changes on the dynamics of spontaneous functional networks. <i>BMC Neuroscience</i> , <b>2013</b> , 14,	3.2	1
102	Understanding the human parental brain: a critical role of the orbitofrontal cortex. <i>Social Neuroscience</i> , <b>2013</b> , 8, 525-43	2	59
101	A systematic review of impulse control disorders in Parkinson's disease. <i>Journal of Parkinson's Disease</i> , <b>2013</b> , 3, 105-38	5.3	102
100	Neuroscience of affect: brain mechanisms of pleasure and displeasure. <i>Current Opinion in Neurobiology</i> , <b>2013</b> , 23, 294-303	7.6	333
99	Limbic Forebrain: The Functional Neuroanatomy of Emotion and Hedonic Processing <b>2013</b> , 1335-1363		
98	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
97	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
96	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
95	Towards a Neuroscience of Well-Being: Implications of Insights from Pleasure Research. <i>Happiness Studies Book Series</i> , <b>2013</b> , 81-100		5
94	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
93	The functional human neuroanatomy of food pleasure cycles. <i>Physiology and Behavior</i> , <b>2012</b> , 106, 307-16	3.5	98
92	Fusion of magnetometer and gradiometer sensors of MEG in the presence of multiplicative error. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2012</b> , 59, 1951-61	5	5
91	Interpreting infant vocal distress: the ameliorative effect of musical training in depression. <i>Emotion</i> , <b>2012</b> , 12, 1200-5	4.1	20

90	The autonomic effects of deep brain stimulation--a therapeutic opportunity. <i>Nature Reviews Neurology</i> , <b>2012</b> , 8, 391-400	15	40
89	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
88	Sex for fun: a synthesis of human and animal neurobiology. <i>Nature Reviews Urology</i> , <b>2012</b> , 9, 486-98	5.5	114
87	Modeling the outcome of structural disconnection on resting-state functional connectivity. <i>NeuroImage</i> , <b>2012</b> , 62, 1342-53	7.9	123
86	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
85	The Olfactory System <b>2012</b> , 1219-1238		12
84	The joyful mind. <i>Scientific American</i> , <b>2012</b> , 307, 40-5	0.5	34
83	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
82	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
81	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
80	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
79	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
78	Balancing the brain: resting state networks and deep brain stimulation. <i>Frontiers in Integrative Neuroscience</i> , <b>2011</b> , 5, 8	3.2	55
77	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
76	Neuroethical principles of deep-brain stimulation. <i>World Neurosurgery</i> , <b>2011</b> , 76, 518-9	2.1	14
75	Building a neuroscience of pleasure and well-being. <i>Psychology of Well-being</i> , <b>2011</b> , 1, 1-3		108
74	A fast solution to robust minimum variance beamformer and application to simultaneous MEG and local field potential <b>2011</b> ,		1
73	Impact of emotion on consciousness: positive stimuli enhance conscious reportability. <i>PLoS ONE</i> , <b>2011</b> , 6, e18686	3.7	9

72	The motivational salience of infant faces is similar for men and women. <i>PLoS ONE</i> , <b>2011</b> , 6, e20632	3.7	94
71	The Neurobiology of Pleasure and Happiness <b>2011</b> ,		3
70	Sing the mind electric - principles of deep brain stimulation. <i>European Journal of Neuroscience</i> , <b>2010</b> , 32, 1070-9	3.5	43
69	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
68	The Pleasure of Making Sense of Music. <i>Interdisciplinary Science Reviews</i> , <b>2010</b> , 35, 166-182	0.7	47
67	Cortical mechanisms of human eating. <i>Forum of Nutrition</i> , <b>2010</b> , 63, 164-175		11
66	The functional neuroanatomy of the evolving parent-infant relationship. <i>Progress in Neurobiology</i> , <b>2010</b> , 91, 220-41	10.9	91
65	The functional neuroanatomy of pleasure and happiness. <i>Discovery Medicine</i> , <b>2010</b> , 9, 579-87	2.5	86
64	The Neuroscience of Happiness and Pleasure. <i>Social Research</i> , <b>2010</b> , 77, 659-678		21
63	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
62	Neural signatures in patients with neuropathic pain. <i>Neurology</i> , <b>2009</b> , 72, 569-71	6.5	40
61	Towards a functional neuroanatomy of pleasure and happiness. <i>Trends in Cognitive Sciences</i> , <b>2009</b> , 13, 479-87	14	440
60	Neural Basis of Mental Representations of Motivation, Emotion, and Pleasure <b>2009</b> ,		1
59	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
58	Deep brain stimulation for cluster headache. <i>Journal of Clinical Neuroscience</i> , <b>2009</b> , 16, 861-6	2.2	24
57	The personality trait openness is related to cerebral 5-HTT levels. <i>NeuroImage</i> , <b>2009</b> , 45, 280-5	7.9	113
56	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
55	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

54	A specific and rapid neural signature for parental instinct. <i>PLoS ONE</i> , <b>2008</b> , 3, e1664	3.7	166
53	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
52	The pleasure of reading. <i>Interdisciplinary Science Reviews</i> , <b>2008</b> , 33, 321-335	0.7	46
51	Affective neuroscience of pleasure: reward in humans and animals. <i>Psychopharmacology</i> , <b>2008</b> , 199, 457-89	4.9	828
50	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
49	Stimulating the Brain to Relieve Pain. <i>Neurosurgery</i> , <b>2007</b> , 61, 221-221	3.2	2
48	Translational principles of deep brain stimulation. <i>Nature Reviews Neuroscience</i> , <b>2007</b> , 8, 623-35	13.5	611
47	Deep-brain stimulation. <i>Future Neurology</i> , <b>2007</b> , 2, 633-646	1.5	4
46	Cortical Systems Involved in Appetite and Food Consumption <b>2007</b> , 5-1		2
45	Connectivity of the human pedunclopontine nucleus region and diffusion tensor imaging in surgical targeting. <i>Journal of Neurosurgery</i> , <b>2007</b> , 107, 814-20	3.2	96
44	Neuroimaging of sensory and affective experience in the human brain. <i>CoDesign</i> , <b>2007</b> , 3, 45-55	1.4	
43	Deep brain stimulation for chronic pain investigated with magnetoencephalography. <i>NeuroReport</i> , <b>2007</b> , 18, 223-8	1.7	82
42	The human orbitofrontal cortex: linking reward to hedonic experience. <i>Nature Reviews Neuroscience</i> , <b>2005</b> , 6, 691-702	13.5	1570
41	Learning to change. <i>PLoS Biology</i> , <b>2004</b> , 2, E140	9.7	6
40	Methamphetamine activates reward circuitry in drug naïve human subjects. <i>Neuropsychopharmacology</i> , <b>2004</b> , 29, 1715-22	8.7	125
39	Visual word recognition: the first half second. <i>NeuroImage</i> , <b>2004</b> , 22, 1819-25	7.9	145
38	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
37	Food for thought: hedonic experience beyond homeostasis in the human brain. <i>Neuroscience</i> , <b>2004</b> , 126, 807-19	3.9	177

36	Taste-related activity in the human dorsolateral prefrontal cortex. <i>NeuroImage</i> , <b>2004</b> , 21, 781-8	7.9	123
35	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
34	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
33	Representation of umami taste in the human brain. <i>Journal of Neurophysiology</i> , <b>2003</b> , 90, 313-9	3.2	202
32	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
31	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
30	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
29	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
28	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
27	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
26	Abstract reward and punishment representations in the human orbitofrontal cortex. <i>Nature Neuroscience</i> , <b>2001</b> , 4, 95-102	25.5	1586
25	Unifying turbulent dynamics framework distinguishes different brain states		2
24	The dynamics of the improvising brain: a study of musical creativity using jazz improvisation		1
23	The dynamics of resting fluctuations in the brain: metastability and its dynamical cortical core		5
22	Consistent local dynamics in the brain across sessions are revealed by whole brain modeling of resting state activity		2
21	Effective psychological treatment for PTSD changes the dynamics of specific large-scale brain networks		2
20	The early adolescent brain on music: analysis of functional dynamics reveals engagement of orbitofrontal cortex reward system		1
19	Perturbations in dynamical models of whole-brain activity dissociate between the level and stability of consciousness		4

18	Connectome Harmonic Decomposition of Human Brain Dynamics Reveals a Landscape of Consciousness	10
17	Dynamical consequences of regional heterogeneity in the brain's transcriptional landscape	7
16	Effects of external stimulation on psychedelic state neurodynamics	9
15	Loss of consciousness reduces the stability of brain hubs and the heterogeneity of brain dynamics	4
14	Altered trajectories in the dynamical repertoire of functional network states under psilocybin	4
13	Musical interaction is influenced by underlying predictive models and musical expertise	3
12	Reduced structural connectivity in Insomnia Disorder	1
11	Functional harmonics reveal multi-dimensional basis functions underlying cortical organization	4
10	Revisiting the Global Workspace: Orchestration of the functional hierarchical organisation of the human brain	4
9	Connectome-harmonic decomposition of human brain activity reveals dynamical repertoire re-organization under LSD	3
8	Harmonic brain modes: a unifying framework for linking space and time in brain dynamics	2
7	LSD flattens the brain's energy landscape: evidence from receptor-informed network control theory	6
6	Rare long-range cortical connections enhance information processing	3
5	Macroscopic quantities of collective brain activity during wakefulness and anesthesia	1
4	Deep learning the arrow of time in brain activity: characterising brain-environment behavioural interactions in health and disease	3
3	On the edge of criticality: strength-dependent perturbation unveils delicate balance between fluctuation and oscillation in brain dynamics	1
2	Temporal irreversibility of neural dynamics as a signature of consciousness	2
1	Effects of classic psychedelic drugs on turbulent signatures in brain dynamics. <i>Network Neuroscience</i> , 1-42	5.6 0

