

Gereon Rudolf Fink

List of Publications by Year in descending order

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Version: 2024-02-01

701
papers

57,897
citations

1163

111
h-index

1745

212
g-index

782
all docs

782
docs citations

782
times ranked

40531
citing authors

#	ARTICLE	IF	CITATIONS
1	A new SPM toolbox for combining probabilistic cytoarchitectonic maps and functional imaging data. <i>NeuroImage</i> , 2005, 25, 1325-1335.	2.1	3,746
2	Psychophysiological and Modulatory Interactions in Neuroimaging. <i>NeuroImage</i> , 1997, 6, 218-229.	2.1	2,807
3	Dorsal and Ventral Attention Systems. <i>Neuroscientist</i> , 2014, 20, 150-159.	2.6	1,012
4	Mind Reading: Neural Mechanisms of Theory of Mind and Self-Perspective. <i>NeuroImage</i> , 2001, 14, 170-181.	2.1	989
5	Cerebral Representation of One's Own Past: Neural Networks Involved in Autobiographical Memory. <i>Journal of Neuroscience</i> , 1996, 16, 4275-4282.	1.7	866
6	Neural Circuits Underlying Imitation Learning of Hand Actions. <i>Neuron</i> , 2004, 42, 323-334.	3.8	838
7	Action observation activates premotor and parietal areas in a somatotopic manner: an fMRI study. <i>European Journal of Neuroscience</i> , 2001, 13, 400-404.	1.2	784
8	Polymodal Motion Processing in Posterior Parietal and Premotor Cortex. <i>Neuron</i> , 2001, 29, 287-296.	3.8	719
9	REVIEW: The functional organization of the intraparietal sulcus in humans and monkeys. <i>Journal of Anatomy</i> , 2005, 207, 3-17.	0.9	615
10	Neural correlates of the first-person-perspective. <i>Trends in Cognitive Sciences</i> , 2003, 7, 38-42.	4.0	582
11	Where in the brain does visual attention select the forest and the trees?. <i>Nature</i> , 1996, 382, 626-628.	13.7	559
12	Minds at rest? Social cognition as the default mode of cognizing and its putative relationship to the "default system" of the brain. <i>Consciousness and Cognition</i> , 2008, 17, 457-467.	0.8	555
13	Neural Signatures of Body Ownership: A Sensory Network for Bodily Self-Consciousness. <i>Cerebral Cortex</i> , 2007, 17, 2235-2244.	1.6	548
14	Neural activation during selective attention to subjective emotional responses. <i>NeuroReport</i> , 1997, 8, 3969-3972.	0.6	532
15	Spatial cognition: evidence from visual neglect. <i>Trends in Cognitive Sciences</i> , 2003, 7, 125-133.	4.0	506
16	Cortical connectivity after subcortical stroke assessed with functional magnetic resonance imaging. <i>Annals of Neurology</i> , 2008, 63, 236-246.	2.8	503
17	Reorganization of cerebral networks after stroke: new insights from neuroimaging with connectivity approaches. <i>Brain</i> , 2011, 134, 1264-1276.	3.7	489
18	Mirror Neuron and Theory of Mind Mechanisms Involved in Face-to-Face Interactions: A Functional Magnetic Resonance Imaging Approach to Empathy. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 1354-1372.	1.1	482

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19	Neural Correlates of First-Person Perspective as One Constituent of Human Self-Consciousness. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 817-827.	1.1	475
20	Multiple Nonprimary Motor Areas in the Human Cortex. <i>Journal of Neurophysiology</i> , 1997, 77, 2164-2174.	0.9	451
21	The neural consequences of conflict between intention and the senses. <i>Brain</i> , 1999, 122, 497-512.	3.7	450
22	Anticoagulant Reversal, Blood Pressure Levels, and Anticoagulant Resumption in Patients With Anticoagulation-Related Intracerebral Hemorrhage. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 824.	3.8	447
23	Gender differences in brain networks supporting empathy. <i>NeuroImage</i> , 2008, 42, 393-403.	2.1	434
24	Connectivity-based approaches in stroke and recovery of function. <i>Lancet Neurology</i> , The, 2014, 13, 206-216.	4.9	416
25	Being with virtual others: Neural correlates of social interaction. <i>Neuropsychologia</i> , 2006, 44, 718-730.	0.7	412
26	Analysis of neural mechanisms underlying verbal fluency in cytoarchitectonically defined stereotaxic space—The roles of Brodmann areas 44 and 45. <i>NeuroImage</i> , 2004, 22, 42-56.	2.1	406
27	Interhemispheric Competition After Stroke: Brain Stimulation to Enhance Recovery of Function of the Affected Hand. <i>Neurorehabilitation and Neural Repair</i> , 2009, 23, 641-656.	1.4	405
28	Minds Made for Sharing: Initiating Joint Attention Recruits Reward-related Neurocircuitry. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 2702-2715.	1.1	389
29	Differential remoteness and emotional tone modulate the neural correlates of autobiographical memory. <i>Brain</i> , 2003, 126, 650-668.	3.7	361
30	Sex Differences and the Impact of Steroid Hormones on the Developing Human Brain. <i>Cerebral Cortex</i> , 2009, 19, 464-473.	1.6	358
31	How the brain learns to see objects and faces in an impoverished context. <i>Nature</i> , 1997, 389, 596-599.	13.7	357
32	Dynamic intra- and interhemispheric interactions during unilateral and bilateral hand movements assessed with fMRI and DCM. <i>NeuroImage</i> , 2008, 41, 1382-1394.	2.1	356
33	The functional anatomy of a hysterical paralysis. <i>Cognition</i> , 1997, 64, B1-B8.	1.1	352
34	Using fMRI to decompose the neural processes underlying the Wisconsin Card Sorting Test. <i>NeuroImage</i> , 2006, 30, 1038-1049.	2.1	327
35	Modulating cortical connectivity in stroke patients by rTMS assessed with fMRI and dynamic causal modeling. <i>NeuroImage</i> , 2010, 50, 233-242.	2.1	313
36	Crossmodal Processing of Object Features in Human Anterior Intraparietal Cortex. <i>Neuron</i> , 2002, 35, 173-184.	3.8	312

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37	Neural mechanisms involved in the processing of global and local aspects of hierarchically organized visual stimuli. <i>Brain</i> , 1997, 120, 1779-1791.	3.7	304
38	Prefrontal involvement in imitation learning of hand actions: Effects of practice and expertise. <i>NeuroImage</i> , 2007, 37, 1371-1383.	2.1	301
39	Lateralized Cognitive Processes and Lateralized Task Control in the Human Brain. <i>Science</i> , 2003, 301, 384-386.	6.0	293
40	Development of attentional networks: An fMRI study with children and adults. <i>NeuroImage</i> , 2005, 28, 429-439.	2.1	293
41	The Role of the Contralesional Motor Cortex for Motor Recovery in the Early Days after Stroke Assessed with Longitudinal fMRI. <i>Cerebral Cortex</i> , 2011, 21, 756-768.	1.6	293
42	Dysfunctional Attentional Networks in Children with Attention Deficit/Hyperactivity Disorder: Evidence from an Event-Related Functional Magnetic Resonance Imaging Study. <i>Biological Psychiatry</i> , 2006, 59, 643-651.	0.7	289
43	Activation likelihood estimation meta-analysis of motor-related neural activity after stroke. <i>NeuroImage</i> , 2012, 59, 2771-2782.	2.1	289
44	Masking produces compression of space and time in the absence of eye movements. <i>Journal of Neurophysiology</i> , 2014, 112, 3066-3076.	0.9	289
45	Bidirectional alterations of interhemispheric parietal balance by non-invasive cortical stimulation. <i>Brain</i> , 2009, 132, 3011-3020.	3.7	283
46	Cerebral correlates of alerting, orienting and reorienting of visuospatial attention: an event-related fMRI study. <i>NeuroImage</i> , 2004, 21, 318-328.	2.1	282
47	Dynamic causal modeling of cortical activity from the acute to the chronic stage after stroke. <i>NeuroImage</i> , 2011, 55, 1147-1158.	2.1	274
48	The neural correlates of person familiarity: A functional magnetic resonance imaging study with clinical implications. <i>Brain</i> , 2001, 124, 804-815.	3.7	270
49	The role of the right temporoparietal junction in attention and social interaction as revealed by ALE meta-analysis. <i>Brain Structure and Function</i> , 2015, 220, 587-604.	1.2	263
50	Effects of Low-Frequency Repetitive Transcranial Magnetic Stimulation of the Contralesional Primary Motor Cortex on Movement Kinematics and Neural Activity in Subcortical Stroke. <i>Archives of Neurology</i> , 2008, 65, 741-7.	4.9	256
51	Cytoarchitectonic identification and probabilistic mapping of two distinct areas within the anterior ventral bank of the human intraparietal sulcus. <i>Journal of Comparative Neurology</i> , 2006, 495, 53-69.	0.9	249
52	Transcranial magnetic stimulation and the challenge of coil placement: A comparison of conventional and stereotaxic neuronavigational strategies. <i>Human Brain Mapping</i> , 2008, 29, 82-96.	1.9	248
53	Differential effects of high-frequency repetitive transcranial magnetic stimulation over ipsilesional primary motor cortex in cortical and subcortical middle cerebral artery stroke. <i>Annals of Neurology</i> , 2009, 66, 298-309.	2.8	248
54	Neural Representations of Self versus Other: Visual-Spatial Perspective Taking and Agency in a Virtual Ball-tossing Game. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 898-910.	1.1	245

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55	Human medial intraparietal cortex subserves visuomotor coordinate transformation. <i>NeuroImage</i> , 2004, 23, 1494-1506.	2.1	234
56	Contrast polarity and face recognition in the human fusiform gyrus. <i>Nature Neuroscience</i> , 1999, 2, 574-580.	7.1	230
57	Neural consequences of acting in near versus far space: a physiological basis for clinical dissociations. <i>Brain</i> , 2000, 123, 2531-2541.	3.7	230
58	Structural brain abnormalities in adolescents with autism spectrum disorder and patients with attention deficit/hyperactivity disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2007, 48, 1251-1258.	3.1	221
59	The Neural Basis of Vertical and Horizontal Line Bisection Judgments: An fMRI Study of Normal Volunteers. <i>NeuroImage</i> , 2001, 14, S59-S67.	2.1	216
60	Diagnosis of pseudoprogression in patients with glioblastoma using O-(2-[¹⁸ F]fluoroethyl)-l-tyrosine PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 685-695.	3.3	216
61	Morphometric Brain Abnormalities in Boys With Conduct Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2008, 47, 540-547.	0.3	215
62	Reward system dysfunction in autism spectrum disorders. <i>Social Cognitive and Affective Neuroscience</i> , 2013, 8, 565-572.	1.5	215
63	PET/MRI Radiomics in Patients With Brain Metastases. <i>Frontiers in Neurology</i> , 2020, 11, 1.	1.1	210
64	Enhancing language performance with non-invasive brain stimulation—A transcranial direct current stimulation study in healthy humans. <i>Neuropsychologia</i> , 2008, 46, 261-268.	0.7	208
65	The Somatotopic Organization of Cytoarchitectonic Areas on the Human Parietal Operculum. <i>Cerebral Cortex</i> , 2007, 17, 1800-1811.	1.6	207
66	Space-based and object-based visual attention: shared and specific neural domains. <i>Brain</i> , 1997, 120, 2013-2028.	3.7	199
67	Cue validity modulates the neural correlates of covert endogenous orienting of attention in parietal and frontal cortex. <i>NeuroImage</i> , 2006, 32, 1257-1264.	2.1	195
68	Posterior parietal cortex is implicated in continuous switching between verbal fluency tasks: an fMRI study with clinical implications. <i>Brain</i> , 2002, 125, 1024-1038.	3.7	194
69	Performing allocentric visuospatial judgments with induced distortion of the egocentric reference frame: an fMRI study with clinical implications. <i>NeuroImage</i> , 2003, 20, 1505-1517.	2.1	192
70	A systematic review of neurological symptoms and complications of COVID-19. <i>Journal of Neurology</i> , 2021, 268, 392-402.	1.8	192
71	Assessment of Treatment Response in Patients with Glioblastoma Using O-(2-[¹⁸ F]fluoroethyl)-l-Tyrosine PET in Comparison to MRI. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1048-1057.	2.8	184
72	Dose-Dependent Effects of Theta Burst rTMS on Cortical Excitability and Resting-State Connectivity of the Human Motor System. <i>Journal of Neuroscience</i> , 2014, 34, 6849-6859.	1.7	183

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73	Neural basis of pantomiming the use of visually presented objects. <i>NeuroImage</i> , 2004, 21, 1224-1231.	2.1	182
74	Space Coding in Primate Posterior Parietal Cortex. <i>NeuroImage</i> , 2001, 14, S46-S51.	2.1	178
75	Identifying human parieto-insular vestibular cortex using fMRI and cytoarchitectonic mapping. <i>Human Brain Mapping</i> , 2006, 27, 611-621.	1.9	173
76	Itâ€™s in your eyesâ€™ using gaze-contingent stimuli to create truly interactive paradigms for social cognitive and affective neuroscience. <i>Social Cognitive and Affective Neuroscience</i> , 2010, 5, 98-107.	1.5	172
77	Deconstructing the Architecture of Dorsal and Ventral Attention Systems with Dynamic Causal Modeling. <i>Journal of Neuroscience</i> , 2012, 32, 10637-10648.	1.7	172
78	Nicotine Modulates Reorienting of Visuospatial Attention and Neural Activity in Human Parietal Cortex. <i>Neuropsychopharmacology</i> , 2005, 30, 810-820.	2.8	171
79	Role of ^{18}F -Fluoroethyl-L-Tyrosine PET for Differentiation of Local Recurrent Brain Metastasis from Radiation Necrosis. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1367-1374.	2.8	171
80	Gender differences in the functional neuroanatomy of emotional episodic autobiographical memory. <i>Human Brain Mapping</i> , 2005, 24, 313-324.	1.9	167
81	The extrastriate cortex distinguishes between the consequences of one's own and others' behavior. <i>NeuroImage</i> , 2007, 36, 1004-1014.	2.1	165
82	Common and Differential Neural Mechanisms Supporting Imitation of Meaningful and Meaningless Actions. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 1420-1431.	1.1	163
83	Response assessment of bevacizumab in patients with recurrent malignant glioma using ^{18}F -Fluoroethyl-L-tyrosine PET in comparison to MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 22-33.	3.3	158
84	Recovery from stroke: current concepts and future perspectives. <i>Neurological Research and Practice</i> , 2020, 2, 17.	1.0	157
85	Emotional processing in male adolescents with childhood-onset conduct disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2008, 49, 781-791.	3.1	155
86	Cortical Representations of Personally Familiar Objects and Places: Functional Organization of the Human Posterior Cingulate Cortex. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 183-198.	1.1	149
87	Dysfunctions in brain networks supporting empathy: An fMRI study in adults with autism spectrum disorders. <i>Social Neuroscience</i> , 2011, 6, 1-21.	0.7	149
88	Representation of Interaural Temporal Information from Left and Right Auditory Space in the Human Planum Temporale and Inferior Parietal Lobe. <i>Cerebral Cortex</i> , 2005, 15, 317-324.	1.6	147
89	Neurophysiological correlates of relatively enhanced local visual search in autistic adolescents. <i>NeuroImage</i> , 2007, 35, 283-291.	2.1	145
90	Interhemispheric Integration of Visual Processing during Task-Driven Lateralization. <i>Journal of Neuroscience</i> , 2007, 27, 3512-3522.	1.7	143

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91	Subthalamic stimulation modulates cortical control of urinary bladder in Parkinson's disease. <i>Brain</i> , 2006, 129, 3366-3375.	3.7	141
92	Akinetic-rigid and tremor-dominant Parkinson's disease patients show different patterns of FP-CIT Single photon emission computed tomography. <i>Movement Disorders</i> , 2011, 26, 416-423.	2.2	140
93	Networks of tau distribution in Alzheimer's disease. <i>Brain</i> , 2018, 141, 568-581.	3.7	140
94	Diffusion- and Perfusion-Weighted MRI. <i>Stroke</i> , 2000, 31, 1311-1317.	1.0	139
95	Dexterity is impaired at both hands following unilateral subcortical middle cerebral artery stroke. <i>European Journal of Neuroscience</i> , 2007, 25, 3173-3184.	1.2	137
96	Inter-individual variability in cortical excitability and motor network connectivity following multiple blocks of rTMS. <i>NeuroImage</i> , 2015, 118, 209-218.	2.1	134
97	The use of dynamic O-(2-18F-fluoroethyl)-L-tyrosine PET in the diagnosis of patients with progressive and recurrent glioma. <i>Neuro-Oncology</i> , 2015, 17, 1293-300.	0.6	134
98	Disentangling self- and fairness-related neural mechanisms involved in the ultimatum game: an fMRI study. <i>Social Cognitive and Affective Neuroscience</i> , 2013, 8, 424-431.	1.5	133
99	Impact of alertness training on spatial neglect: A behavioural and fMRI study. <i>Neuropsychologia</i> , 2006, 44, 1230-1246.	0.7	130
100	Duration matters: Dissociating neural correlates of detection and evaluation of social gaze. <i>NeuroImage</i> , 2009, 46, 1154-1163.	2.1	130
101	Probabilistic sweet spots predict motor outcome for deep brain stimulation in Parkinson disease. <i>Annals of Neurology</i> , 2019, 86, 527-538.	2.8	129
102	To move or not to move: imperatives modulate action-related verb processing in the motor system. <i>Neuroscience</i> , 2010, 169, 246-258.	1.1	127
103	Action verbs and the primary motor cortex: A comparative TMS study of silent reading, frequency judgments, and motor imagery. <i>Neuropsychologia</i> , 2008, 46, 1915-1926.	0.7	126
104	EuroInf 2: Subthalamic stimulation, apomorphine, and levodopa infusion in Parkinson's disease. <i>Movement Disorders</i> , 2019, 34, 353-365.	2.2	126
105	A PET Study of Persistent Psychogenic Amnesia Covering the Whole Life Span. <i>Cognitive Neuropsychiatry</i> , 1997, 2, 135-158.	0.7	123
106	Grapheme-colour synaesthetes show increased grey matter volumes of parietal and fusiform cortex. <i>Brain</i> , 2009, 132, 65-70.	3.7	122
107	Selective processing of social stimuli in the superficial amygdala. <i>Human Brain Mapping</i> , 2009, 30, 3332-3338.	1.9	122
108	Task instructions influence the cognitive strategies involved in line bisection judgements: evidence from modulated neural mechanisms revealed by fMRI. <i>Neuropsychologia</i> , 2002, 40, 119-130.	0.7	121

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109	Improved sensory gating of urinary bladder afferents in Parkinson's disease following subthalamic stimulation. <i>Brain</i> , 2007, 131, 132-145.	3.7	121
110	Hierarchical processing of sound location and motion in the human brainstem and planum temporale. <i>European Journal of Neuroscience</i> , 2005, 21, 230-238.	1.2	120
111	Degeneration of corpus callosum and recovery of motor function after stroke: A multimodal magnetic resonance imaging study. <i>Human Brain Mapping</i> , 2012, 33, 2941-2956.	1.9	120
112	Are action and perception in near and far space additive or interactive factors?. <i>NeuroImage</i> , 2003, 18, 837-846.	2.1	118
113	Spatial Cognition: Where We Were and Where We Are. <i>NeuroImage</i> , 2001, 14, S2-S7.	2.1	117
114	On the Benefits of not Trying: Brain Activity and Connectivity Reflecting the Interactions of Explicit and Implicit Sequence Learning. <i>Cerebral Cortex</i> , 2005, 15, 1002-1015.	1.6	117
115	What Is the Position of an Arm Relative to the Body? Neural Correlates of Body Schema and Body Structural Description. <i>Journal of Neuroscience</i> , 2009, 29, 4162-4171.	1.7	115
116	Comparison of ¹⁸ F-FET PET and Perfusion-Weighted MR Imaging: A PET/MR Imaging Hybrid Study in Patients with Brain Tumors. <i>Journal of Nuclear Medicine</i> , 2014, 55, 540-545.	2.8	115
117	DBS of the PSA and the VIM in essential tremor. <i>Neurology</i> , 2018, 91, e543-e550.	1.5	115
118	When visual perception causes feeling: Enhanced cross-modal processing in grapheme-color synesthesia. <i>NeuroImage</i> , 2005, 28, 859-868.	2.1	114
119	Neuroinflammation Extends Brain Tissue at Risk to Vital Peri-Infarct Tissue: A Double Tracer [¹¹ C]PK11195- and [¹⁸ F]FDG-PET Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 1216-1225.	2.4	114
120	The effect of filtering on Granger causality based multivariate causality measures. <i>NeuroImage</i> , 2010, 50, 577-588.	2.1	114
121	Association of prothrombin complex concentrate administration and hematoma enlargement in non-vitamin K antagonist oral anticoagulant-related intracerebral hemorrhage. <i>Annals of Neurology</i> , 2018, 83, 186-196.	2.8	114
122	Multi-Session Transcranial Direct Current Stimulation (tDCS) Elicits Inflammatory and Regenerative Processes in the Rat Brain. <i>PLoS ONE</i> , 2012, 7, e43776.	1.1	113
123	Combined FET PET/MRI radiomics differentiates radiation injury from recurrent brain metastasis. <i>NeuroImage: Clinical</i> , 2018, 20, 537-542.	1.4	113
124	Hemispheric Asymmetry for Auditory Processing in the Human Auditory Brain Stem, Thalamus, and Cortex. <i>Cerebral Cortex</i> , 2006, 17, 492-499.	1.6	111
125	MR Imaging in Acute Stroke: Diffusion-weighted and Perfusion Imaging Parameters for Predicting Infarct Size. <i>Radiology</i> , 2002, 222, 397-403.	3.6	108
126	Stimulus properties matter more than perspective: An fMRI study of mental imagery and silent reading of action phrases. <i>NeuroImage</i> , 2007, 36, T128-T141.	2.1	108

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127	Changes in grey matter development in autism spectrum disorder. <i>Brain Structure and Function</i> , 2013, 218, 929-942.	1.2	108
128	Role of ^{18}F -Fluoroethyl)-I-Tyrosine PET as a Diagnostic Tool for Detection of Malignant Progression in Patients with Low-Grade Glioma. <i>Journal of Nuclear Medicine</i> , 2013, 54, 2046-2054.	2.8	108
129	Neural mechanisms of empathy in adolescents with autism spectrum disorder and their fathers. <i>NeuroImage</i> , 2010, 49, 1055-1065.	2.1	106
130	Noradrenergic enhancement improves motor network connectivity in stroke patients. <i>Annals of Neurology</i> , 2011, 69, 375-388.	2.8	106
131	Dopaminergic modulation of motor network dynamics in Parkinson's disease. <i>Brain</i> , 2015, 138, 664-678.	3.7	105
132	Left inferior parietal cortex integrates time and space during collision judgments. <i>NeuroImage</i> , 2003, 20, S82-S88.	2.1	104
133	Yearning to yawn: the neural basis of contagious yawning. <i>NeuroImage</i> , 2005, 24, 1260-1264.	2.1	104
134	Modeling a Negative Response Bias in the Human Amygdala by Noradrenergic-Glucocorticoid Interactions. <i>Journal of Neuroscience</i> , 2008, 28, 12868-12876.	1.7	103
135	Structural Brain Abnormalities in Adolescent Anorexia Nervosa Before and After Weight Recovery and Associated Hormonal Changes. <i>Psychosomatic Medicine</i> , 2012, 74, 574-582.	1.3	102
136	Identifying Neuroimaging Markers of Motor Disability in Acute Stroke by Machine Learning Techniques. <i>Cerebral Cortex</i> , 2015, 25, 3046-3056.	1.6	101
137	Shaping Early Reorganization of Neural Networks Promotes Motor Function after Stroke. <i>Cerebral Cortex</i> , 2016, 26, 2882-2894.	1.6	100
138	Noninvasive Imaging of Endogenous Neural Stem Cell Mobilization <i>In Vivo</i> Using Positron Emission Tomography. <i>Journal of Neuroscience</i> , 2010, 30, 6454-6460.	1.7	97
139	Handedness and effective connectivity of the motor system. <i>NeuroImage</i> , 2014, 99, 451-460.	2.1	97
140	Volumetry of ^{11}C -methionine PET uptake and MRI contrast enhancement in patients with recurrent glioblastoma multiforme. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 84-92.	3.3	96
141	Synchronization Tomography: A Method for Three-Dimensional Localization of Phase Synchronized Neuronal Populations in the Human Brain using Magnetoencephalography. <i>Physical Review Letters</i> , 2003, 90, 088101.	2.9	95
142	The modulatory effects of nicotine on parietal cortex activity in a cued target detection task depend on cue reliability. <i>Neuroscience</i> , 2006, 137, 853-864.	1.1	95
143	Effects of rTMS on grip force control following subcortical stroke. <i>Experimental Neurology</i> , 2008, 211, 407-412.	2.0	95
144	Network Connectivity and Individual Responses to Brain Stimulation in the Human Motor System. <i>Cerebral Cortex</i> , 2014, 24, 1697-1707.	1.6	95

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145	Static and dynamic ^{18}F -FET PET for the characterization of gliomas defined by IDH and 1p/19q status. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 443-451.	3.3	95
146	Modulation of Top-Down Control of Visual Attention by Cathodal tDCS over Right IPS. <i>Journal of Neuroscience</i> , 2012, 32, 16360-16368.	1.7	94
147	Imaging challenges of immunotherapy and targeted therapy in patients with brain metastases: response, progression, and pseudoprogression. <i>Neuro-Oncology</i> , 2020, 22, 17-30.	0.6	94
148	In vivo Patterns of Tau Pathology, Amyloid- β^2 Burden, and Neuronal Dysfunction in Clinical Variants of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 465-471.	1.2	93
149	Motor cortex excitability and connectivity in chronic stroke: a multimodal model of functional reorganization. <i>Brain Structure and Function</i> , 2015, 220, 1093-1107.	1.2	92
150	Multiple Movement Representations in the Human Brain: An Event-Related fMRI Study. <i>Journal of Cognitive Neuroscience</i> , 2002, 14, 769-784.	1.1	91
151	Dynamic ^{18}F -fluoroethyl-L-tyrosine positron emission tomography differentiates brain metastasis recurrence from radiation injury after radiotherapy. <i>Neuro-Oncology</i> , 2017, 19, now149.	0.6	91
152	Where language meets meaningful action: a combined behavior and lesion analysis of aphasia and apraxia. <i>Brain Structure and Function</i> , 2016, 221, 563-576.	1.2	91
153	Probabilistic mapping of deep brain stimulation effects in essential tremor. <i>NeuroImage: Clinical</i> , 2017, 13, 164-173.	1.4	91
154	Association of Surgical Hematoma Evacuation vs Conservative Treatment With Functional Outcome in Patients With Cerebellar Intracerebral Hemorrhage. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 1392.	3.8	91
155	The N-Methyl-D-Aspartate Receptor Co-agonist D-Cycloserine Facilitates Declarative Learning and Hippocampal Activity in Humans. <i>Biological Psychiatry</i> , 2010, 67, 1205-1211.	0.7	90
156	Predicting IDH genotype in gliomas using FET PET radiomics. <i>Scientific Reports</i> , 2018, 8, 13328.	1.6	90
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