Serge A Rombouts

List of Publications by Year
in descending order

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239 papers	27,109 citations	6254 80 h-index	6836 155 g-index
251 all docs	251 docs citations	251 times ranked	26857 citing authors

#	Article	IF	Citations
1	Consistent resting-state networks across healthy subjects. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13848-13853.	7.1	3,817
2	Toward discovery science of human brain function. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4734-4739.	7.1	2,703
3	Reduced resting-state brain activity in the â€œdefault networkâ€•in normal aging. Cerebral Cortex, 2008, 18, 1856-1864.	2.9	1,051
4	Altered resting state networks in mild cognitive impairment and mild Alzheimer's disease: An fMRI study. Human Brain Mapping, 2005, 26, 231-239.	3.6	675
5	Loss of â€˜Small-Worldâ€™ Networks in Alzheimer's Disease: Graph Analysis of fMRI Resting-State Functional Connectivity. PLoS ONE, 2010, 5, e13788.	2.5	523
6	Global and local gray matter loss in mild cognitive impairment and Alzheimer's disease. NeuroImage, 2004, 23, 708-716.	4.2	522
7	Presymptomatic cognitive and neuroanatomical changes in genetic frontotemporal dementia in the Genetic Frontotemporal dementia Initiative (GENFI) study: a cross-sectional analysis. Lancet Neurology, The, 2015, 14, 253-262.	10.2	432
8	Whole brain resting-state analysis reveals decreased functional connectivity in major depression. Frontiers in Systems Neuroscience, 2010, 4, .	2.5	414
9	Adolescent risky decision-making: Neurocognitive development of reward and control regions. NeuroImage, 2010, 51, 345-355.	4.2	400
10	A comprehensive study of gray matter loss in patients with Alzheimerâ€™s disease using optimized voxel-based morphometry. NeuroImage, 2003, 18, 895-907.	4.2	388
11	What Motivates the Adolescent? Brain Regions Mediating Reward Sensitivity across Adolescence. Cerebral Cortex, 2010, 20, 61-69.	2.9	388
12	Oxytocin Modulates Amygdala, Insula, and Inferior Frontal Gyrus Responses to Infant Crying: A Randomized Controlled Trial. Biological Psychiatry, 2011, 70, 291-297.	1.3	363
13	Cortico-hippocampal communication by way of parallel parahippocampal-subicular pathways. Hippocampus, 2000, 10, 398-410.	1.9	323
14	Resting-State Functional MR Imaging: A New Window to the Brain. Radiology, 2014, 272, 29-49.	7.3	301
15	Maintenance versus manipulation in verbal working memory revisited: an fMRI study. NeuroImage, 2003, 18, 247-256.	4.2	290
16	Neuroanatomical correlates of episodic encoding and retrieval in young and elderly subjects. Brain, 2003, 126, 43-56.	7.6	263
17	Imaging the default mode network in aging and dementia. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 431-441.	3.8	252
18	Precuneus atrophy in early-onset Alzheimerâ€™s disease: a morphometric structural MRI study. Neuroradiology, 2007, 49, 967-976.	2.2	251

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19	White matter tract integrity in aging and Alzheimer's disease. Human Brain Mapping, 2009, 30, 1051-1059.	3.6	227
20	Beyond acute social stress: Increased functional connectivity between amygdala and cortical midline structures. NeuroImage, 2011, 57, 1534-1541.	4.2	207
21	Neurofilament light chain: a biomarker for genetic frontotemporal dementia. Annals of Clinical and Translational Neurology, 2016, 3, 623-636.	3.7	207
22	fMRI of visual encoding: Reproducibility of activation. , 2000, 9, 156-164.		201
23	Changing Brains, Changing Perspectives. Psychological Science, 2011, 22, 60-70.	3.3	193
24	Noradrenaline mediates amygdala activation in men and women during encoding of emotional material. NeuroImage, 2005, 24, 898-909.	4.2	182
25	Do you like me? Neural correlates of social evaluation and developmental trajectories. Social Neuroscience, 2010, 5, 461-482.	1.3	181
26	Social exclusion and punishment of excluders: Neural correlates and developmental trajectories. NeuroImage, 2012, 59, 708-717.	4.2	176
27	Hierarchical functional modularity in the restingâ€state human brain. Human Brain Mapping, 2009, 30, 2220-2231.	3.6	174
28	Evaluating the Negative or Valuing the Positive? Neural Mechanisms Supporting Feedback-Based Learning across Development. Journal of Neuroscience, 2008, 28, 9495-9503.	3.6	172
29	Combining shape and connectivity analysis: An MRI study of thalamic degeneration in Alzheimer's disease. NeuroImage, 2010, 49, 1-8.	4.2	171
30	The contribution of MRI in assessing cognitive impairment in multiple sclerosis. Neurology, 2010, 75, 2121-2128.	1.1	166
31	No Laughing Matter: Intranasal Oxytocin Administration Changes Functional Brain Connectivity during Exposure to Infant Laughter. Neuropsychopharmacology, 2012, 37, 1257-1266.	5.4	164
32	Dopamine-Dependent Architecture of Cortico-Subcortical Network Connectivity. Cerebral Cortex, 2013, 23, 1509-1516.	2.9	164
33	Within-Subject Reproducibility of Visual Activation Patterns With Functional Magnetic Resonance Imaging Using Multislice Echo Planar Imaging. Magnetic Resonance Imaging, 1998, 16, 105-113.	1.8	163
34	Amnestic Mild Cognitive Impairment: Structural MR Imaging Findings Predictive of Conversion to Alzheimer Disease. American Journal of Neuroradiology, 2008, 29, 944-949.	2.4	162
35	A comprehensive analysis of resting state fMRI measures to classify individual patients with Alzheimer's disease. NeuroImage, 2018, 167, 62-72.	4.2	160
36	Neural mechanisms underlying the induction and relief of perceptual curiosity. Frontiers in Behavioral Neuroscience, 2012, 6, 5.	2.0	159

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37	Functional brain connectivity at rest changes after working memory training. Human Brain Mapping, 2013, 34, 396-406.	3.6	157
38	Voxel-based morphometry demonstrates reduced grey matter density on brain MRI in patients with diabetic retinopathy. Diabetologia, 2006, 49, 2474-2480.	6.3	156
39	Investigation of EEG non-linearity in dementia and Parkinson's disease. Electroencephalography and Clinical Neurophysiology, 1995, 95, 309-317.	0.3	151
40	What motivates repayment? Neural correlates of reciprocity in the Trust Game. Social Cognitive and Affective Neuroscience, 2009, 4, 294-304.	3.0	150
41	Endogenous cortisol level interacts with noradrenergic activation in the human amygdala. Neurobiology of Learning and Memory, 2007, 87, 57-66.	1.9	146
42	Unbiased whole-brain analysis of gray matter loss in Alzheimer's disease. Neuroscience Letters, 2000, 285, 231-233.	2.1	145
43	Similar network activated by young and old adults during the acquisition of a motor sequence. Neurobiology of Aging, 2003, 24, 1013-1019.	3.1	145
44	A Comprehensive Study of Whole-Brain Functional Connectivity in Children and Young Adults. Cerebral Cortex, 2011, 21, 385-391.	2.9	143
45	Alterations in brain activation during cholinergic enhancement with rivastigmine in Alzheimer's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2002, 73, 665-671.	1.9	142
46	Unfair? It depends: Neural correlates of fairness in social context. Social Cognitive and Affective Neuroscience, 2010, 5, 414-423.	3.0	135
47	Visual association encoding activates the medial temporal lobe: A functional magnetic resonance imaging study. Hippocampus, 1997, 7, 594-601.	1.9	134
48	Structural and functional brain connectivity in presymptomatic familial frontotemporal dementia. Neurology, 2013, 80, 814-823.	1.1	134
49	Dissociable brain networks involved in development of fairness considerations: Understanding intentionality behind unfairness. NeuroImage, 2011, 57, 634-641.	4.2	133
50	Increased Functional Connectivity and Brain Atrophy in Elderly with Subjective Memory Complaints. Brain Connectivity, 2013, 3, 353-362.	1.7	132
51	Delayed rather than decreased BOLD response as a marker for early Alzheimer's disease. NeuroImage, 2005, 26, 1078-1085.	4.2	129
52	Modelâ€free group analysis shows altered BOLD FMRI networks in dementia. Human Brain Mapping, 2009, 30, 256-266.	3.6	129
53	Resting-state functional connectivity abnormalities in limbic and salience networks in social anxiety disorder without comorbidity. European Neuropsychopharmacology, 2013, 23, 186-195.	0.7	128
54	Resting-state functional connectivity in adults with childhood emotional maltreatment. Psychological Medicine, 2013, 43, 1825-1836.	4.5	127

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55	Structural and functional brain connectivity in presymptomatic familial frontotemporal dementia. Neurology, 2014, 83, e19-26.	1.1	127
56	Neurodevelopmental changes of reading the mind in the eyes. Social Cognitive and Affective Neuroscience, 2012, 7, 44-52.	3.0	125
57	Aberrant restingâ€state functional connectivity in limbic and salience networks in treatmentâ€naÃ¯ve clinically depressed adolescents. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2014, 55, 1317-1327.	5.2	124
58	Effect of Subanesthetic Ketamine on Intrinsic Functional Brain Connectivity. Anesthesiology, 2012, 117, 868-877.	2.5	123
59	Glucocorticoids Decrease Hippocampal and Prefrontal Activation during Declarative Memory Retrieval in Young Men. Brain Imaging and Behavior, 2007, 1, 31-41.	2.1	119
60	Patterns of functional connectivity in an aging population: The Rotterdam Study. NeuroImage, 2019, 189, 432-444.	4.2	114
61	Endogenous cortisol is associated with functional connectivity between the amygdala and medial prefrontal cortex. Psychoneuroendocrinology, 2012, 37, 1039-1047.	2.7	113
62	Differential and distributed effects of dopamine neuromodulations on resting-state network connectivity. NeuroImage, 2013, 78, 59-67.	4.2	112
63	Cholinergic challenge in Alzheimer patients and mild cognitive impairment differentially affects hippocampal activationâ€"a pharmacological fMRI study. Brain, 2006, 129, 141-157.	7.6	110
64	Associations between age and gray matter volume in anatomical brain networks in middleâ€aged to older adults. Aging Cell, 2014, 13, 1068-1074.	6.7	106
65	Cognitive performance in type 1 diabetes patients is associated with cerebral white matter volume. Diabetologia, 2007, 50, 1763-1769.	6.3	105
66	Practice effects in the brain: Changes in cerebral activation after working memory practice depend on task demands. NeuroImage, 2010, 52, 658-668.	4.2	105
67	Challenging the cholinergic system in mild cognitive impairment: a pharmacological fMRI study. NeuroImage, 2004, 23, 1450-1459.	4.2	104
68	Stress shifts brain activation towards ventral â€˜affectiveâ€™ areas during emotional distraction. Social Cognitive and Affective Neuroscience, 2012, 7, 403-412.	3.0	98
69	Effects of morphine and alcohol on functional brain connectivity during â€œresting stateâ€: A placeboâ€controlled crossover study in healthy young men. Human Brain Mapping, 2012, 33, 1003-1018.	3.6	98
70	Combining anatomical, diffusion, and resting state functional magnetic resonance imaging for individual classification of mild and moderate Alzheimer's disease. NeuroImage: Clinical, 2016, 11, 46-51.	2.7	98
71	Resting-state functional connectivity of brain regions involved in cognitive control, motivation, and reward is enhanced in obese females. American Journal of Clinical Nutrition, 2014, 100, 524-531.	4.7	95
72	Prefrontal Hypoactivation and Recovery in Insomnia. Sleep, 2008, , .	1.1	94

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73	Dopamine Modulates Reward System Activity During Subconscious Processing of Sexual Stimuli. Neuropsychopharmacology, 2012, 37, 1729-1737.	5.4	93
74	Attachment in the brain: adult attachment representations predict amygdala and behavioral responses to infant crying. Attachment and Human Development, 2012, 14, 533-551.	2.1	92
75	Aberrant limbic and salience network resting-state functional connectivity in panic disorder without comorbidity. Journal of Affective Disorders, 2013, 145, 29-35.	4.1	92
76	Deep processing activates the medial temporal lobe in young but not in old adults. Neurobiology of Aging, 2003, 24, 1005-1011.	3.1	91
77	Regional White Matter Integrity Differentiates Between Vascular Dementia and Alzheimer Disease. Stroke, 2009, 40, 773-779.	2.0	90
78	Obesity is marked by distinct functional connectivity in brain networks involved in food reward and salience. Behavioural Brain Research, 2015, 287, 127-134.	2.2	89
79	Neural mechanisms supporting flexible performance adjustment during development. Cognitive, Affective and Behavioral Neuroscience, 2008, 8, 165-177.	2.0	84
80	Smaller grey matter volumes in the anterior cingulate cortex and greater cerebellar volumes in patients with long-term remission of Cushing's disease: a caseâ€“control study. European Journal of Endocrinology, 2013, 169, 811-819.	3.7	84
81	The Functional and Neural Mechanism of Action Preparation: Roles of EBA and FFA in Voluntary Action Control. Journal of Cognitive Neuroscience, 2011, 23, 214-220.	2.3	83
82	Oxytocin effects on complex brain networks are moderated by experiences of maternal love withdrawal. European Neuropsychopharmacology, 2013, 23, 1288-1295.	0.7	83
83	Neuroticism and extraversion are associated with amygdala resting-state functional connectivity. Cognitive, Affective and Behavioral Neuroscience, 2014, 14, 836-848.	2.0	83
84	Neural sensitivity to social reward and punishment anticipation in social anxiety disorder. Frontiers in Behavioral Neuroscience, 2014, 8, 439.	2.0	82
85	Cognition and gray and white matter characteristics of presymptomatic C9orf72 repeat expansion. Neurology, 2017, 89, 1256-1264.	1.1	82
86	Identifying confounds to increase specificity during a â€œno task conditionâ€• NeuroImage, 2003, 20, 1236-1245.	4.2	81
87	A Three-Year Longitudinal Functional Magnetic Resonance Imaging Study of Performance Monitoring and Test-Retest Reliability from Childhood to Early Adulthood. Journal of Neuroscience, 2011, 31, 4204-4212.	3.6	81
88	Manipulating brain connectivity with Î”9-tetrahydrocannabinol: A pharmacological resting state FMRI study. NeuroImage, 2012, 63, 1701-1711.	4.2	79
89	Alzheimer Disease and Behavioral Variant Frontotemporal Dementia: Automatic Classification Based on Cortical Atrophy for Single-Subject Diagnosis. Radiology, 2016, 279, 838-848.	7.3	79
90	Widespread reductions of white matter integrity in patients with long-term remission of Cushing's disease. NeuroImage: Clinical, 2014, 4, 659-667.	2.7	76

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91	Better than expected or as bad as you thought? The neurocognitive development of probabilistic feedback processing. Frontiers in Human Neuroscience, 2009, 3, 52.	2.0	75
92	Catecholaminergic Neuromodulation Shapes Intrinsic MRI Functional Connectivity in the Human Brain. Journal of Neuroscience, 2016, 36, 7865-7876.	3.6	75
93	The Neural Underpinnings of Event-file Management: Evidence for Stimulus-induced Activation of and Competition among Stimulusâ€"Response Bindings. Journal of Cognitive Neuroscience, 2011, 23, 896-904.	2.3	74
94	Longitudinal multimodal MRI as prognostic and diagnostic biomarker in presymptomatic familial frontotemporal dementia. Brain, 2019, 142, 193-208.	7.6	73
95	Cerebral Blood Flow by Using Pulsed Arterial Spin-Labeling in Elderly Subjects with White Matter Hyperintensities. American Journal of Neuroradiology, 2008, 29, 1296-1301.	2.4	72
96	Changes in brain electrical activity during extended continuous word recognition. NeuroImage, 2005, 26, 952-959.	4.2	69
97	Amygdala and anterior cingulate resting-state functional connectivity in borderline personality disorder patients with a history of interpersonal trauma. Psychological Medicine, 2014, 44, 2889-2901.	4.5	69
98	Evidence for smaller right amygdala volumes in posttraumatic stress disorder following childhood trauma. Psychiatry Research - Neuroimaging, 2015, 233, 436-442.	1.8	69
99	How stable is activation in the amygdala and prefrontal cortex in adolescence? A study of emotional face processing across three measurements. Developmental Cognitive Neuroscience, 2013, 4, 65-76.	4.0	67
100	An fMRI study of planning-related brain activity in patients with moderately advanced multiple sclerosis. Multiple Sclerosis Journal, 2004, 10, 549-555.	3.0	65
101	Reduced functional brain connectivity prior to and after disease onset in Huntington's disease. NeuroImage: Clinical, 2013, 2, 377-384.	2.7	65
102	Resting state functional connectivity differences between behavioral variant frontotemporal dementia and Alzheimer's disease. Frontiers in Human Neuroscience, 2015, 9, 474.	2.0	64
103	Anterior Medial Temporal Lobe Activation during Attempted Retrieval of Encoded Visuospatial Scenes: An Event-Related fMRI Study. NeuroImage, 2001, 14, 67-76.	4.2	63
104	Microvascular Disease in Type 1 Diabetes Alters Brain Activation: A Functional Magnetic Resonance Imaging Study. Diabetes, 2006, 55, 334-340.	0.6	63
105	The impact of â€œphysiological correctionâ€•on functional connectivity analysis of pharmacological resting state fMRI. NeuroImage, 2013, 65, 499-510.	4.2	62
106	Task and task-free FMRI reproducibility comparison for motor network identification. Human Brain Mapping, 2014, 35, 340-352.	3.6	62
107	Single-dose serotonergic stimulation shows widespread effects on functional brain connectivity. NeuroImage, 2015, 122, 440-450.	4.2	62
108	Structural and functional connectivity in children and adolescents with and without attention deficit/hyperactivity disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2017, 58, 810-818.	5.2	62

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109	ICA-based artifact removal diminishes scan site differences in multi-center resting-state fMRI. Frontiers in Neuroscience, 2015, 9, 395.	2.8	61
110	Individual classification of Alzheimer's disease with diffusion magnetic resonance imaging. NeuroImage, 2017, 152, 476-481.	4.2	61
111	Diminished Posterior Precuneus Connectivity with the Default Mode Network Differentiates Normal Aging from Alzheimer's Disease. Frontiers in Aging Neuroscience, 2017, 9, 97.	3.4	61
112	Altered white-matter architecture in treatment-naive adolescents with clinical depression. Psychological Medicine, 2014, 44, 2287-2298.	4.5	59
113	Gray and white matter changes in presymptomatic genetic frontotemporal dementia: a longitudinal MRI study. Neurobiology of Aging, 2019, 76, 115-124.	3.1	59
114	Parahippocampal Activation during Successful Recognition of Words: A Self-Paced Event-Related fMRI Study. NeuroImage, 2001, 13, 1113-1120.	4.2	58
115	Resilience to childhood maltreatment is associated with increased resting-state functional connectivity of the salience network with the lingual gyrus. Child Abuse and Neglect, 2013, 37, 1021-1029.	2.6	57
116	Biomarkers, designs, and interpretations of restingâ€state fMRI in translational pharmacological research: A review of stateâ€ofâ€theâ€Art, challenges, and opportunities for studying brain chemistry. Human Brain Mapping, 2017, 38, 2276-2325.	3.6	57
117	Investigating distinct and common abnormalities of resting-state functional connectivity in depression, anxiety, and their comorbid states. European Neuropsychopharmacology, 2015, 25, 1933-1942.	0.7	56
118	Age-Dependent Effects of Methylphenidate on the Human Dopaminergic System in Young vs Adult Patients With Attention-Deficit/Hyperactivity Disorder. JAMA Psychiatry, 2016, 73, 955.	11.0	56
119	Disorganized Amygdala Networks in Conduct-Disordered Juvenile Offenders With Callous-Unemotional Traits. Biological Psychiatry, 2017, 82, 283-293.	1.3	56
120	Neurophysiological correlates of increased verbal working memory in high-dissociative participants: a functional MRI study. Psychological Medicine, 2005, 35, 175-185.	4.5	55
121	Developmental differences in prefrontal activation during working memory maintenance and manipulation for different memory loads. Developmental Science, 2011, 14, 713-724.	2.4	54
122	Combining multiple anatomical MRI measures improves Alzheimer's disease classification. Human Brain Mapping, 2016, 37, 1920-1929.	3.6	53
123	Aberrant memory system connectivity and working memory performance in subjective cognitive decline. NeuroImage, 2019, 185, 556-564.	4.2	52
124	High-resolution segmented EPI in a motor task fMRI study. Magnetic Resonance Imaging, 2000, 18, 405-409.	1.8	49
125	A Longitudinal Study on Resting State Functional Connectivity in Behavioral Variant Frontotemporal Dementia and Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2016, 55, 521-537.	2.6	48
126	Differences in structural covariance brain networks between behavioral variant frontotemporal dementia and Alzheimer's disease. Human Brain Mapping, 2016, 37, 978-988.	3.6	48

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127	Sub-millimeter fMRI at 1.5 tesla: Correlation of high resolution with low resolution measurements. Journal of Magnetic Resonance Imaging, 1999, 9, 475-482.	3.4	47
128	Subjective Cognitive Decline Is Associated with Greater White Matter Hyperintensity Volume. Journal of Alzheimer's Disease, 2018, 66, 1283-1294.	2.6	47
129	Ketamine interactions with biomarkers of stress: A randomized placebo-controlled repeated measures resting-state fMRI and PCASL pilot study in healthy men. NeuroImage, 2015, 108, 396-409.	4.2	46
130	Cerebral blood flow in presymptomatic MAPT and GRN mutation carriers: A longitudinal arterial spin labeling study. NeuroImage: Clinical, 2016, 12, 460-465.	2.7	46
131	Resting-State Functional Connectivity in Patients with Long-Term Remission of Cushingâ€™s Disease. Neuropsychopharmacology, 2015, 40, 1888-1898.	5.4	44
132	Abnormal functional architecture of amygdalaâ€centered networks in adolescent posttraumatic stress disorder. Human Brain Mapping, 2016, 37, 1120-1135.	3.6	44
133	Abnormalities of white matter integrity in the corpus callosum of adolescents with PTSD after childhood sexual abuse: a DTI study. European Child and Adolescent Psychiatry, 2016, 25, 869-878.	4.7	44
134	Developmental differences in higher-order resting-state networks in Autism Spectrum Disorder. NeuroImage: Clinical, 2014, 4, 820-827.	2.7	42
135	Early grey matter changes in structural covariance networks in Huntington's disease. NeuroImage: Clinical, 2016, 12, 806-814.	2.7	42
136	Parametric fMRI analysis of visual encoding in the human medial temporal lobe. , 1999, 9, 637-643.		41
137	Cerebral volumetric abnormalities in Neurofibromatosis type 1: associations with parent ratings of social and attention problems, executive dysfunction, and autistic mannerisms. Journal of Neurodevelopmental Disorders, 2015, 7, 32.	3.1	41
138	Functional Connectivity Changes and Executive and Social Problems in Neurofibromatosis Type I. Brain Connectivity, 2015, 5, 312-320.	1.7	41
139	Altered neural processing of emotional faces in remitted Cushing's disease. Psychoneuroendocrinology, 2015, 59, 134-146.	2.7	40
140	Different patterns of cortical gray matter loss over time in behavioral variant frontotemporal dementia and Alzheimer's disease. Neurobiology of Aging, 2016, 38, 21-31.	3.1	40
141	Pseudocontinuous Arterial Spin Labeling Reveals Dissociable Effects of Morphine and Alcohol on Regional Cerebral Blood Flow. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 1321-1333.	4.3	39
142	Presymptomatic white matter integrity loss in familial frontotemporal dementia in the <scp>GENFI</scp> cohort: A crossâ€sectional diffusion tensor imaging study. Annals of Clinical and Translational Neurology, 2018, 5, 1025-1036.	3.7	39
143	Aging affects both perceptual and lexical/semantic components of word stem priming: An event-related fMRI study. Neurobiology of Learning and Memory, 2005, 83, 251-262.	1.9	38
144	Raloxifene Treatment Enhances Brain Activation during Recognition of Familiar Items: a Pharmacological fMRI Study in Healthy Elderly Males. Neuropsychopharmacology, 2006, 31, 1508-1518.	5.4	38

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145	Brain regions involved in the learning and application of reward rules in a two-deck gambling task. Neuropsychologia, 2010, 48, 1438-1446.	1.6	38
146	Joint assessment of white matter integrity, cortical and subcortical atrophy to distinguish AD from behavioral variant FTD: A two-center study. NeuroImage: Clinical, 2015, 9, 418-429.	2.7	38
147	When compliments do not hit but critiques do: an fMRI study into self-esteem and self-knowledge in processing social feedback. Social Cognitive and Affective Neuroscience, 2018, 13, 404-417.	3.0	38
148	Raloxifene exposure enhances brain activation during memory performance in healthy elderly males; its possible relevance to behavior. NeuroImage, 2005, 25, 63-75.	4.2	37
149	Amyloid and its association with default network integrity in Alzheimer's disease. Human Brain Mapping, 2014, 35, 779-791.	3.6	37
150	Interaction of endogenous cortisol and noradrenaline in the human amygdala. Progress in Brain Research, 2007, 167, 263-268.	1.4	36
151	Selective activation around the left occipitoâ€temporal sulcus for words relative to pictures: Individual variability or false positives?. Human Brain Mapping, 2008, 29, 986-1000.	3.6	36
152	Reduced anterior cingulate gray matter volume in treatment-naÃ¯ve clinically depressed adolescents. NeuroImage: Clinical, 2014, 4, 336-342.	2.7	35
153	Anterior cingulate cortex grey matter volume abnormalities in adolescents with PTSD after childhood sexual abuse. European Neuropsychopharmacology, 2017, 27, 1163-1171.	0.7	34
154	Practice effects in the developing brain: A pilot study. Developmental Cognitive Neuroscience, 2012, 2, S180-S191.	4.0	33
155	Amygdala activation during emotional face processing in adolescents with affective disorders: the role of underlying depression and anxiety symptoms. Frontiers in Human Neuroscience, 2014, 8, 393.	2.0	33
156	Hedonic Hotspots Regulate Cingulate-driven Adaptation to Cognitive Demands. Cerebral Cortex, 2015, 25, 1746-1756.	2.9	33
157	Longitudinal resting state fMRI analysis in healthy controls and premanifest Huntington's disease gene carriers: A three-year follow-up study. Human Brain Mapping, 2015, 36, 110-119.	3.6	33
158	Single Subject Classification of Alzheimerâ€™s Disease and Behavioral Variant Frontotemporal Dementia Using Anatomical, Diffusion Tensor, and Resting-State Functional Magnetic Resonance Imaging. Journal of Alzheimer's Disease, 2018, 62, 1827-1839.	2.6	33
159	Grey-matter network disintegration as predictor of cognitive and motor function with aging. Brain Structure and Function, 2018, 223, 2475-2487.	2.3	33
160	Functional MRI of cortex in sedated 18 month-old infants with or without periventricular leukomalacia. Developmental Medicine and Child Neurology, 2001, 43, 486.	2.1	33
161	Interindividual differences of medial temporal lobe activation during encoding in an elderly population studied by fMRI. NeuroImage, 2004, 21, 173-180.	4.2	32
162	Whole brain analysis of T2* weighted baseline FMRI signal in dementia. Human Brain Mapping, 2007, 28, 1313-1317.	3.6	32

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163	Switching between colors and shapes on the basis of positive and negative feedback: An fMRI and EEG study on feedback-based learning. Cortex, 2008, 44, 537-547.	2.4	31
164	Neurocognitive Function in Dopamine-Î²-Hydroxylase Deficiency. Neuropsychopharmacology, 2011, 36, 1608-1619.	5.4	31
165	Neural correlates of social decision-making in severely antisocial adolescents. Social Cognitive and Affective Neuroscience, 2014, 9, 2059-2066.	3.0	31
166	Whole-brain functional connectivity during emotional word classification in medication-free Major Depressive Disorder: Abnormal salience circuitry and relations to positive emotionality. NeuroImage: Clinical, 2013, 2, 790-796.	2.7	30
167	Altered cortical-amygdala coupling in social anxiety disorder during the anticipation of giving a public speech. Psychological Medicine, 2015, 45, 1521-1529.	4.5	30
168	Effects of dexamphetamine-induced dopamine release on resting-state network connectivity in recreational amphetamine users and healthy controls. Brain Imaging and Behavior, 2016, 10, 548-558.	2.1	30
169	Time related effects on functional brain connectivity after serotonergic and cholinergic neuromodulation. Human Brain Mapping, 2017, 38, 308-325.	3.6	30
170	Cholinergic and serotonergic modulation of resting state functional brain connectivity in Alzheimer's disease. NeuroImage, 2019, 199, 143-152.	4.2	30
171	Dietary sugars and non-caloric sweeteners elicit different homeostatic and hedonic responses in the brain. Nutrition, 2019, 60, 80-86.	2.4	30
172	Is the brain of complex regional pain syndrome patients truly different?. European Journal of Pain, 2016, 20, 1622-1633.	2.8	29
173	Reduced functional connectivity within the primary motor cortex of patients with brachial plexus injury. NeuroImage: Clinical, 2016, 12, 277-284.	2.7	28
174	White matter microstructure of patients with neurofibromatosis type 1 and its relation to inhibitory control. Brain Imaging and Behavior, 2017, 11, 1731-1740.	2.1	28
175	Bias Introduced by Multiple Head Coils in MRI Research: An 8 Channel and 32 Channel Coil Comparison. Frontiers in Neuroscience, 2019, 13, 729.	2.8	28
176	Brain activity and connectivity changes in response to nutritive natural sugars, non-nutritive natural sugar replacements and artificial sweeteners. Nutritional Neuroscience, 2021, 24, 395-405.	3.1	28
177	A comparison of neural correlates underlying social cognition in Klinefelter syndrome and autism. Social Cognitive and Affective Neuroscience, 2014, 9, 1926-1933.	3.0	27
178	General psychopathology factor and unresolved-disorganized attachment uniquely correlated to white matter integrity using diffusion tensor imaging. Behavioural Brain Research, 2019, 359, 1-8.	2.2	25
179	Stuck in a negative me: fMRI study on the role of disturbed self-views in social feedback processing in borderline personality disorder. Psychological Medicine, 2020, 50, 625-635.	4.5	23
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