

Daniel S Margulies

List of Publications by Year in Descending Order

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

202
papers

16,763
citations

57
h-index

128
g-index

236
ext. papers

21,667
ext. citations

6.5
avg, IF

6.62
L-index

#	Paper	IF	Citations
202	Age differences in the functional architecture of the human brain.. <i>Cerebral Cortex</i> , 2022 ,	5.1	4
201	Cortical Gradients and Their Role in Cognition 2022 , 242-250		0
200	Perceptual coupling and decoupling of the default mode network during mind-wandering and reading.. <i>ELife</i> , 2022 , 11,	8.9	2
199	Individual differences in gradients of intrinsic connectivity within the semantic network relate to distinct aspects of semantic cognition.. <i>Cortex</i> , 2022 , 150, 48-60	3.8	
198	Genetic and phylogenetic uncoupling of structure and function in human transmodal cortex.. <i>Nature Communications</i> , 2022 , 13, 2341	17.4	2
197	Toward next-generation primate neuroscience: A collaboration-based strategic plan for integrative neuroimaging. <i>Neuron</i> , 2021 ,	13.9	1
196	Disentangling cortical functional connectivity strength and topography reveals divergent roles of genes and environment. <i>NeuroImage</i> , 2021 , 247, 118770	7.9	2
195	Imaging evolution of the primate brain: the next frontier?. <i>NeuroImage</i> , 2021 , 228, 117685	7.9	10
194	Toward a hierarchical model of social cognition: A neuroimaging meta-analysis and integrative review of empathy and theory of mind. <i>Psychological Bulletin</i> , 2021 , 147, 293-327	19.1	78
193	The neural correlates of ongoing conscious thought. <i>IScience</i> , 2021 , 24, 102132	6.1	17
192	Compressed sensorimotor-to-transmodal hierarchical organization in schizophrenia. <i>Psychological Medicine</i> , 2021 , 1-14	6.9	5
191	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , 2021 , 109, 1769-1775	13.9	10
190	The default mode network in cognition: a topographical perspective. <i>Nature Reviews Neuroscience</i> , 2021 , 22, 503-513	13.5	38
189	A novel approach for assessing hypoperfusion in stroke using spatial independent component analysis of resting-state fMRI. <i>Human Brain Mapping</i> , 2021 , 42, 5204-5216	5.9	1
188	Signal diffusion along connectome gradients and inter-hub routing differentially contribute to dynamic human brain function. <i>NeuroImage</i> , 2021 , 224, 117429	7.9	17
187	A collaborative resource platform for non-human primate neuroimaging. <i>NeuroImage</i> , 2021 , 226, 117519	7.9	14
186	Functional connectivity in aging 2021 , 37-51		3

185	Shifting gradients of macroscale cortical organization mark the transition from childhood to adolescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	14
184	A tale of two gradients: differences between the left and right hemispheres predict semantic cognition. <i>Brain Structure and Function</i> , 2021 , 1	4	2
183	The role of default mode network in semantic cue integration. <i>NeuroImage</i> , 2020 , 219, 117019	7.9	23
182	Reductions in task positive neural systems occur with the passage of time and are associated with changes in ongoing thought. <i>Scientific Reports</i> , 2020 , 10, 9912	4.9	16
181	BrainSpace: a toolbox for the analysis of macroscale gradients in neuroimaging and connectomics datasets. <i>Communications Biology</i> , 2020 , 3, 103	6.7	63
180	The relationship between individual variation in macroscale functional gradients and distinct aspects of ongoing thought. <i>NeuroImage</i> , 2020 , 220, 117072	7.9	19
179	A gradient from long-term memory to novel cognition: Transitions through default mode and executive cortex. <i>NeuroImage</i> , 2020 , 220, 117074	7.9	22
178	Intrinsic network architecture predicts the effects elicited by intracranial electrical stimulation of the human brain. <i>Nature Human Behaviour</i> , 2020 , 4, 1039-1052	12.8	32
177	Accelerating the Evolution of Nonhuman Primate Neuroimaging. <i>Neuron</i> , 2020 , 105, 600-603	13.9	51
176	Distinct patterns of thought mediate the link between brain functional connectomes and well-being. <i>Network Neuroscience</i> , 2020 , 4, 637-657	5.6	6
175	Hemispheric asymmetries in resting-state EEG and fMRI are related to approach and avoidance behaviour, but not to eating behaviour or BMI. <i>Human Brain Mapping</i> , 2020 , 41, 1136-1152	5.9	10
174	Missing the forest because of the trees: slower alternations during binocular rivalry are associated with lower levels of visual detail during ongoing thought. <i>Neuroscience of Consciousness</i> , 2020 , 2020, niaa020	3.3	0
173	Topographic organization of the human subcortex unveiled with functional connectivity gradients. <i>Nature Neuroscience</i> , 2020 , 23, 1421-1432	25.5	74
172	Joint embedding: A scalable alignment to compare individuals in a connectivity space. <i>NeuroImage</i> , 2020 , 222, 117232	7.9	7
171	Toward a connectivity gradient-based framework for reproducible biomarker discovery. <i>NeuroImage</i> , 2020 , 223, 117322	7.9	23
170	Cross-species functional alignment reveals evolutionary hierarchy within the connectome. <i>NeuroImage</i> , 2020 , 223, 117346	7.9	44
169	Shaping brain structure: Genetic and phylogenetic axes of macroscale organization of cortical thickness. <i>Science Advances</i> , 2020 , 6,	14.3	25
168	Neurocognitive patterns dissociating semantic processing from executive control are linked to more detailed off-task mental time travel. <i>Scientific Reports</i> , 2020 , 10, 11904	4.9	4

167	The psychological correlates of distinct neural states occurring during wakeful rest. <i>Scientific Reports</i> , 2020 , 10, 21121	4.9	17
166	Association of peripheral blood pressure with gray matter volume in 19- to 40-year-old adults. <i>Neurology</i> , 2019 , 92, e758-e773	6.5	22
165	10Kin1day: A Bottom-Up Neuroimaging Initiative. <i>Frontiers in Neurology</i> , 2019 , 10, 425	4.1	6
164	Microstructural and functional gradients are increasingly dissociated in transmodal cortices. <i>PLoS Biology</i> , 2019 , 17, e3000284	9.7	131
163	Macroscale cortical organization and a default-like apex transmodal network in the marmoset monkey. <i>Nature Communications</i> , 2019 , 10, 1976	17.4	43
162	Atypical functional connectome hierarchy in autism. <i>Nature Communications</i> , 2019 , 10, 1022	17.4	128
161	Interindividual Variability of Functional Connectivity in Awake and Anesthetized Rhesus Macaque Monkeys. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019 , 4, 543-553	3.4	24
160	The architecture of mammalian cortical connectomes in light of the theory of the dual origin of the cerebral cortex. <i>Cortex</i> , 2019 , 118, 244-261	3.8	22
159	The impact of ischemic stroke on connectivity gradients. <i>NeuroImage: Clinical</i> , 2019 , 24, 101947	5.3	13
158	Individual variation in patterns of task focused, and detailed, thought are uniquely associated within the architecture of the medial temporal lobe. <i>NeuroImage</i> , 2019 , 202, 116045	7.9	9
157	An improved neuroanatomical model of the default-mode network reconciles previous neuroimaging and neuropathological findings. <i>Communications Biology</i> , 2019 , 2, 370	6.7	89
156	A functional connectome phenotyping dataset including cognitive state and personality measures. <i>Scientific Data</i> , 2019 , 6, 180307	8.2	28
155	A mind-brain-body dataset of MRI, EEG, cognition, emotion, and peripheral physiology in young and old adults. <i>Scientific Data</i> , 2019 , 6, 180308	8.2	66
154	Hello, is that me you are looking for? A re-examination of the role of the DMN in social and self relevant aspects of off-task thought. <i>PLoS ONE</i> , 2019 , 14, e0216182	3.7	7
153	Distinct individual differences in default mode network connectivity relate to off-task thought and text memory during reading. <i>Scientific Reports</i> , 2019 , 9, 16220	4.9	12
152	Shifts in myeloarchitecture characterise adolescent development of cortical gradients. <i>ELife</i> , 2019 , 8,	8.9	39
151	Gradients of connectivity distance in the cerebral cortex of the macaque monkey. <i>Brain Structure and Function</i> , 2019 , 224, 925-935	4	29
150	Network convergence zones in the anterior midcingulate cortex. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2019 , 166, 103-111	3	5

149	Modes of operation: A topographic neural gradient supporting stimulus dependent and independent cognition. <i>NeuroImage</i> , 2019 , 186, 487-496	7.9	49
148	Connectome Smoothing via Low-Rank Approximations. <i>IEEE Transactions on Medical Imaging</i> , 2019 , 38, 1446-1456	11.7	7
147	The ebb and flow of attention: Between-subject variation in intrinsic connectivity and cognition associated with the dynamics of ongoing experience. <i>NeuroImage</i> , 2019 , 185, 286-299	7.9	54
146	Functional Segregation of the Right Inferior Frontal Gyrus: Evidence From Coactivation-Based Parcellation. <i>Cerebral Cortex</i> , 2019 , 29, 1532-1546	5.1	38
145	Distant from input: Evidence of regions within the default mode network supporting perceptually-decoupled and conceptually-guided cognition. <i>NeuroImage</i> , 2018 , 171, 393-401	7.9	109
144	Investigating the Elements of Thought 2018 ,		2
143	How do we decide what to do? Resting-state connectivity patterns and components of self-generated thought linked to the development of more concrete personal goals. <i>Experimental Brain Research</i> , 2018 , 236, 2469-2481	2.3	47
142	Automated individual-level parcellation of Broca's region based on functional connectivity. <i>NeuroImage</i> , 2018 , 170, 41-53	7.9	11
141	Shared endo-phenotypes of default mode dysfunction in attention deficit/hyperactivity disorder and autism spectrum disorder. <i>Translational Psychiatry</i> , 2018 , 8, 133	8.6	42
140	Patterns of thought: Population variation in the associations between large-scale network organisation and self-reported experiences at rest. <i>NeuroImage</i> , 2018 , 176, 518-527	7.9	27
139	Trade-off of cerebello-cortical and cortico-cortical functional networks for planning in 6-year-old children. <i>NeuroImage</i> , 2018 , 176, 510-517	7.9	3
138	Default mode network can support the level of detail in experience during active task states. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 9318-9323	11.5	116
137	Large-Scale Gradients in Human Cortical Organization. <i>Trends in Cognitive Sciences</i> , 2018 , 22, 21-31	14	275
136	Individual variation in the propensity for prospective thought is associated with functional integration between visual and retrosplenial cortex. <i>Cortex</i> , 2018 , 99, 224-234	3.8	10
135	Different shades of default mode disturbance in schizophrenia: Subnodal covariance estimation in structure and function. <i>Human Brain Mapping</i> , 2018 , 39, 644-661	5.9	26
134	Subspecialization within default mode nodes characterized in 10,000 UK Biobank participants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 12295-12300	11.5	71
133	An Open Resource for Non-human Primate Imaging. <i>Neuron</i> , 2018 , 100, 61-74.e2	13.9	103
132	Anatomical and microstructural determinants of hippocampal subfield functional connectome embedding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 10154-10159	11.5	111

131	Intrinsic functional architecture of the macaque dorsal and ventral lateral frontal cortex. <i>Journal of Neurophysiology</i> , 2017 , 117, 1084-1099	3.2	20
130	Knowing me, knowing you: Resting-state functional connectivity of ventromedial prefrontal cortex dissociates memory related to self from a familiar other. <i>Brain and Cognition</i> , 2017 , 113, 65-75	2.7	5
129	The role of the default mode network in component processes underlying the wandering mind. <i>Social Cognitive and Affective Neuroscience</i> , 2017 , 12, 1047-1062	4	70
128	Math anxiety: Brain cortical network changes in anticipation of doing mathematics. <i>International Journal of Psychophysiology</i> , 2017 , 122, 24-31	2.9	11
127	Inflexible Functional Connectivity of the Dorsal Anterior Cingulate Cortex in Adolescent Major Depressive Disorder. <i>Neuropsychopharmacology</i> , 2017 , 42, 2434-2445	8.7	24
126	Unraveling the Complex Tapestry of Association Networks. <i>Neuron</i> , 2017 , 95, 239-241	13.9	3
125	Converging evidence for the role of transmodal cortex in cognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 12641-12643	11.5	13
124	Body Topography Parcellates Human Sensory and Motor Cortex. <i>Cerebral Cortex</i> , 2017 , 27, 3790-3805	5.1	44
123	In need of constraint: Understanding the role of the cingulate cortex in the impulsive mind. <i>NeuroImage</i> , 2017 , 146, 804-813	7.9	15
122	Gradients of connectivity distance are anchored in primary cortex. <i>Brain Structure and Function</i> , 2017 , 222, 2173-2182	4	24
121	Individual variation in intentionality in the mind-wandering state is reflected in the integration of the default-mode, fronto-parietal, and limbic networks. <i>NeuroImage</i> , 2017 , 146, 226-235	7.9	92
120	Functional connectivity alterations in patients with chronic hepatitis C virus infection: A multimodal MRI study. <i>Journal of Viral Hepatitis</i> , 2017 , 24, 216-225	3.4	8
119	The Neuro Bureau ADHD-200 Preprocessed repository. <i>NeuroImage</i> , 2017 , 144, 275-286	7.9	105
118	Predicting brain-age from multimodal imaging data captures cognitive impairment. <i>NeuroImage</i> , 2017 , 148, 179-188	7.9	221
117	A Systematic Relationship Between Functional Connectivity and Intracortical Myelin in the Human Cerebral Cortex. <i>Cerebral Cortex</i> , 2017 , 27, 981-997	5.1	120
116	More intelligent extraverts are more likely to deceive. <i>PLoS ONE</i> , 2017 , 12, e0176591	3.7	4
115	Development of a selective left-hemispheric fronto-temporal network for processing syntactic complexity in language comprehension. <i>Neuropsychologia</i> , 2016 , 83, 274-282	3.2	26
114	How Mindfulness Training May Help to Reduce Vulnerability for Recurrent Depression: A Neuroscientific Perspective. <i>Clinical Psychological Science</i> , 2016 , 4, 328-343	6	6

113	Brain Network Reconfiguration and Perceptual Decoupling During an Absorptive State of Consciousness. <i>Cerebral Cortex</i> , 2016 , 26, 3116-24	5.1	36
112	NeuroVault.org: A repository for sharing unthresholded statistical maps, parcellations, and atlases of the human brain. <i>NeuroImage</i> , 2016 , 124, 1242-1244	7.9	55
111	Sharing self-related information is associated with intrinsic functional connectivity of cortical midline brain regions. <i>Scientific Reports</i> , 2016 , 6, 22491	4.9	18
110	Situating the default-mode network along a principal gradient of macroscale cortical organization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 12574-12579	11.5	706
109	Opportunities and challenges for current developmental neuroscience. <i>Theory and Psychology</i> , 2016 , 26, 620-631	1.1	1
108	Introduction to the 2015 Brainhack Proceedings. <i>GigaScience</i> , 2016 , 5, 1-26	7.6	68
107	The neural networks of subjectively evaluated emotional conflicts. <i>Human Brain Mapping</i> , 2016 , 37, 2234-2246	4.6	15
106	Brainhack: a collaborative workshop for the open neuroscience community. <i>GigaScience</i> , 2016 , 5, 16	7.6	23
105	Auditory Hallucinations and the Brain's Resting-State Networks: Findings and Methodological Observations. <i>Schizophrenia Bulletin</i> , 2016 , 42, 1110-23	1.3	81
104	Subdivision of Broca's region based on individual-level functional connectivity. <i>European Journal of Neuroscience</i> , 2016 , 43, 561-71	3.5	10
103	Longitudinal changes in resting-state fMRI from age 5 to age 6 years covary with language development. <i>NeuroImage</i> , 2016 , 128, 116-124	7.9	34
102	Using executive control training to suppress amygdala reactivity to aversive information. <i>NeuroImage</i> , 2016 , 125, 1022-1031	7.9	50
101	Representing Representation: Integration between the Temporal Lobe and the Posterior Cingulate Influences the Content and Form of Spontaneous Thought. <i>PLoS ONE</i> , 2016 , 11, e0152272	3.7	91
100	Task-Related Edge Density (TED)-A New Method for Revealing Dynamic Network Formation in fMRI Data of the Human Brain. <i>PLoS ONE</i> , 2016 , 11, e0158185	3.7	8
99	One in the Dance: Musical Correlates of Group Synchrony in a Real-World Club Environment. <i>PLoS ONE</i> , 2016 , 11, e0164783	3.7	21
98	Development of the Intrinsic Language Network in Preschool Children from Ages 3 to 5 Years. <i>PLoS ONE</i> , 2016 , 11, e0165802	3.7	16
97	Influences on and Measures of Unintentional Group Synchrony. <i>Frontiers in Psychology</i> , 2016 , 7, 1744	3.4	4
96	Commentary on "The Cerebellar System and What it Signifies from a Biological Perspective: A Communication by Christofredo Jakob (1866-1956) Before the Society of Neurology and Psychiatry of Buenos Aires, December 1938". <i>Cerebellum</i> , 2016 , 15, 417-24	4.3	

95	Functional network centrality in obesity: A resting-state and task fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2015 , 233, 331-8	2.9	61
94	Individual differences in common factors of emotional traits and executive functions predict functional connectivity of the amygdala. <i>NeuroImage</i> , 2015 , 120, 154-63	7.9	25
93	Imperceptible somatosensory stimulation alters sensorimotor background rhythm and connectivity. <i>Journal of Neuroscience</i> , 2015 , 35, 5917-25	6.6	35
92	Sex beyond the genitalia: The human brain mosaic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 15468-73	11.5	335
91	The strength of weak connections in the macaque cortico-cortical network. <i>Brain Structure and Function</i> , 2015 , 220, 2939-51	4	38
90	A high resolution 7-Tesla resting-state fMRI test-retest dataset with cognitive and physiological measures. <i>Scientific Data</i> , 2015 , 2, 140054	8.2	30
89	ERP measures of math anxiety: how math anxiety affects working memory and mental calculation tasks?. <i>Frontiers in Behavioral Neuroscience</i> , 2015 , 9, 282	3.5	21
88	NeuroVault.org: a web-based repository for collecting and sharing unthresholded statistical maps of the human brain. <i>Frontiers in Neuroinformatics</i> , 2015 , 9, 8	3.9	332
87	Functional connectivity of visual cortex in the blind follows retinotopic organization principles. <i>Brain</i> , 2015 , 138, 1679-95	11.2	93
86	Reward processing in obesity, substance addiction and non-substance addiction. <i>Obesity Reviews</i> , 2014 , 15, 853-69	10.6	113
85	Serotonergic modulation of intrinsic functional connectivity. <i>Current Biology</i> , 2014 , 24, 2314-8	6.3	70
84	Functional connectivity-based parcellation of the human sensorimotor cortex. <i>European Journal of Neuroscience</i> , 2014 , 39, 1332-42	3.5	22
83	Effects of resveratrol on memory performance, hippocampal functional connectivity, and glucose metabolism in healthy older adults. <i>Journal of Neuroscience</i> , 2014 , 34, 7862-70	6.6	292
82	An open science resource for establishing reliability and reproducibility in functional connectomics. <i>Scientific Data</i> , 2014 , 1, 140049	8.2	247
81	Dynamic network participation of functional connectivity hubs assessed by resting-state fMRI. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 195	3.3	50
80	What we talk about when we talk about the default mode network. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 619	3.3	27
79	Connexel visualization: a software implementation of glyphs and edge-bundling for dense connectivity data using brainGL. <i>Frontiers in Neuroscience</i> , 2014 , 8, 15	5.1	11
78	Prioritizing spatial accuracy in high-resolution fMRI data using multivariate feature weight mapping. <i>Frontiers in Neuroscience</i> , 2014 , 8, 66	5.1	10

77	Stereoscopic three-dimensional visualization applied to multimodal brain images: clinical applications and a functional connectivity atlas. <i>Frontiers in Neuroscience</i> , 2014 , 8, 328	5.1	8
76	The value of resting-state functional magnetic resonance imaging in stroke. <i>Stroke</i> , 2014 , 45, 2818-24	6.7	40
75	Three-dimensional mean-shift edge bundling for the visualization of functional connectivity in the brain. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2014 , 20, 471-80	4	41
74	Common intrinsic connectivity states among posteromedial cortex subdivisions: Insights from analysis of temporal dynamics. <i>NeuroImage</i> , 2014 , 93 Pt 1, 124-37	7.9	81
73	A correspondence between individual differences in the brain's intrinsic functional architecture and the content and form of self-generated thoughts. <i>PLoS ONE</i> , 2014 , 9, e97176	3.7	109
72	Longitudinal effects of lesions on functional networks after stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013 , 33, 1279-85	7.3	58
71	Overlapping and parallel cerebello-cerebral networks contributing to sensorimotor control: an intrinsic functional connectivity study. <i>NeuroImage</i> , 2013 , 83, 837-48	7.9	46
70	Visualizing the human connectome. <i>NeuroImage</i> , 2013 , 80, 445-61	7.9	76
69	Medial and lateral networks in anterior prefrontal cortex support metacognitive ability for memory and perception. <i>Journal of Neuroscience</i> , 2013 , 33, 16657-65	6.6	193
68	Distinct parietal and temporal connectivity profiles of ventrolateral frontal areas involved in language production. <i>Journal of Neuroscience</i> , 2013 , 33, 16846-52	6.6	55
67	Identifying the perfusion deficit in acute stroke with resting-state functional magnetic resonance imaging. <i>Annals of Neurology</i> , 2013 , 73, 136-40	9.4	84
66	Effects of finger tapping frequency on regional homogeneity of sensorimotor cortex. <i>PLoS ONE</i> , 2013 , 8, e64115	3.7	26
65	Affect and the brain's functional organization: a resting-state connectivity approach. <i>PLoS ONE</i> , 2013 , 8, e68015	3.7	24
64	Increased functional connectivity between prefrontal cortex and reward system in pathological gambling. <i>PLoS ONE</i> , 2013 , 8, e84565	3.7	51
63	The era of the wandering mind? Twenty-first century research on self-generated mental activity. <i>Frontiers in Psychology</i> , 2013 , 4, 891	3.4	68
62	The default modes of reading: modulation of posterior cingulate and medial prefrontal cortex connectivity associated with comprehension and task focus while reading. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 734	3.3	49
61	Making data sharing count: a publication-based solution. <i>Frontiers in Neuroscience</i> , 2013 , 7, 9	5.1	43
60	Lengthy and Expensive? Why the Future of Diagnostic Neuroimaging May Be Faster, Cheaper, and More Collaborative Than We Think. <i>AJOB Neuroscience</i> , 2012 , 3, 48-50	0.8	2

59	Dynamic modulation of intrinsic functional connectivity by transcranial direct current stimulation. <i>Journal of Neurophysiology</i> , 2012 , 108, 3253-63	3.2	102
58	Default Positions: How Neuroscience's Historical Legacy has Hampered Investigation of the Resting Mind. <i>Frontiers in Psychology</i> , 2012 , 3, 321	3.4	23
57	Connectivity concordance mapping: a new tool for model-free analysis of fMRI data of the human brain. <i>Frontiers in Systems Neuroscience</i> , 2012 , 6, 13	3.5	7
56	fMRI for the Assessment of Functional Connectivity 2012 ,		5
55	Integration of a neuroimaging processing pipeline into a pan-canadian computing grid. <i>Journal of Physics: Conference Series</i> , 2012 , 341, 012032	0.3	3
54	Long-term effects of motor training on resting-state networks and underlying brain structure. <i>NeuroImage</i> , 2011 , 57, 1492-8	7.9	202
53	Low frequency fluctuations reveal integrated and segregated processing among the cerebral hemispheres. <i>NeuroImage</i> , 2011 , 54, 517-27	7.9	46
52	Personality is reflected in the brain's intrinsic functional architecture. <i>PLoS ONE</i> , 2011 , 6, e27633	3.7	217
51	The Salmon of Doubt 2011 , 273-285		8
50	A software tool for interactive exploration of intrinsic functional connectivity opens new perspectives for brain surgery. <i>Acta Neurochirurgica</i> , 2011 , 153, 1561-72	3	28
49	The Subject at Rest: Novel conceptualizations of self and brain from cognitive neuroscience's study of the Resting state. <i>Subjectivity</i> , 2011 , 4, 227-257	0.4	26
48	Broca's region: linking human brain functional connectivity data and non-human primate tracing anatomy studies. <i>European Journal of Neuroscience</i> , 2010 , 32, 383-98	3.5	163
47	Eigenvector centrality mapping for analyzing connectivity patterns in fMRI data of the human brain. <i>PLoS ONE</i> , 2010 , 5, e10232	3.7	325
46	Toward discovery science of human brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 4734-9	11.5	2183
45	Delineating self-referential processing from episodic memory retrieval: common and dissociable networks. <i>NeuroImage</i> , 2010 , 50, 1606-17	7.9	98
44	Growing together and growing apart: regional and sex differences in the lifespan developmental trajectories of functional homotopy. <i>Journal of Neuroscience</i> , 2010 , 30, 15034-43	6.6	464
43	Resting developments: a review of fMRI post-processing methodologies for spontaneous brain activity. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010 , 23, 289-307	2.8	174
42	Development of anterior cingulate functional connectivity from late childhood to early adulthood. <i>Cerebral Cortex</i> , 2009 , 19, 640-57	5.1	430

41	The resting brain: unconstrained yet reliable. <i>Cerebral Cortex</i> , 2009 , 19, 2209-29	5.1	706
40	Functional connectivity of the human amygdala using resting state fMRI. <i>NeuroImage</i> , 2009 , 45, 614-26	7.9	572
39	Precuneus shares intrinsic functional architecture in humans and monkeys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 20069-74	11.5	714
38	Functional connectivity of human striatum: a resting state FMRI study. <i>Cerebral Cortex</i> , 2008 , 18, 2735-47	5.1	807
37	Cingulate-precuneus interactions: a new locus of dysfunction in adult attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , 2008 , 63, 332-7	7.9	671
36	Regional variation in interhemispheric coordination of intrinsic hemodynamic fluctuations. <i>Journal of Neuroscience</i> , 2008 , 28, 13754-64	6.6	216
35	Residual functional connectivity in the split-brain revealed with resting-state functional MRI. <i>NeuroReport</i> , 2008 , 19, 703-9	1.7	123
34	Network homogeneity reveals decreased integrity of default-mode network in ADHD. <i>Journal of Neuroscience Methods</i> , 2008 , 169, 249-54	3	322
33	Recent advances in structural and functional brain imaging studies of attention-deficit/hyperactivity disorder. <i>Current Psychiatry Reports</i> , 2007 , 9, 401-7	9.1	63
32	Symptom prevalence of ADHD and ODD in a pediatric population in Argentina. <i>Journal of Attention Disorders</i> , 2007 , 11, 363-7	3.7	5
31	Mapping the functional connectivity of anterior cingulate cortex. <i>NeuroImage</i> , 2007 , 37, 579-88	7.9	581
30	Myosin light chain kinase regulates synaptic plasticity and fear learning in the lateral amygdala. <i>Neuroscience</i> , 2006 , 139, 821-9	3.9	20
29	Functional Connectivity in Aging		3
28	Distinct patterns of thought mediate the link between brain functional connectome and psychological well-being		2
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