

Daniel S Margulies

List of Publications by Year in descending order

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Version: 2024-02-01

181
papers

25,272
citations

16451

64
h-index

9589

142
g-index

236
all docs

236
docs citations

236
times ranked

22022
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Situating the default-mode network along a principal gradient of macroscale cortical organization. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12574-12579.	7.1	1,481
3	Functional Connectivity of Human Striatum: A Resting State fMRI Study. Cerebral Cortex, 2008, 18, 2735-2747.	2.9	962
4	Precuneus shares intrinsic functional architecture in humans and monkeys. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20069-20074.	7.1	857
5	The Resting Brain: Unconstrained yet Reliable. Cerebral Cortex, 2009, 19, 2209-2229.	2.9	824
6	Cingulate-Precuneus Interactions: A New Locus of Dysfunction in Adult Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2008, 63, 332-337.	1.3	777
7	Functional connectivity of the human amygdala using resting state fMRI. NeuroImage, 2009, 45, 614-626.	4.2	680
8	Mapping the functional connectivity of anterior cingulate cortex. NeuroImage, 2007, 37, 579-588.	4.2	678
9	Large-Scale Gradients in Human Cortical Organization. Trends in Cognitive Sciences, 2018, 22, 21-31.	7.8	646
10	Growing Together and Growing Apart: Regional and Sex Differences in the Lifespan Developmental Trajectories of Functional Homotopy. Journal of Neuroscience, 2010, 30, 15034-15043.	3.6	619
11	Development of Anterior Cingulate Functional Connectivity from Late Childhood to Early Adulthood. Cerebral Cortex, 2009, 19, 640-657.	2.9	497
12	Sex beyond the genitalia: The human brain mosaic. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15468-15473.	7.1	493
13	NeuroVault.org: a web-based repository for collecting and sharing unthresholded statistical maps of the human brain. Frontiers in Neuroinformatics, 2015, 9, 8.	2.5	482
14	Predicting brain-age from multimodal imaging data captures cognitive impairment. NeuroImage, 2017, 148, 179-188.	4.2	407
15	Eigenvector Centrality Mapping for Analyzing Connectivity Patterns in fMRI Data of the Human Brain. PLoS ONE, 2010, 5, e10232.	2.5	406
16	Network homogeneity reveals decreased integrity of default-mode network in ADHD. Journal of Neuroscience Methods, 2008, 169, 249-254.	2.5	393
17	The default mode network in cognition: a topographical perspective. Nature Reviews Neuroscience, 2021, 22, 503-513.	10.2	368
18	Effects of Resveratrol on Memory Performance, Hippocampal Functional Connectivity, and Glucose Metabolism in Healthy Older Adults. Journal of Neuroscience, 2014, 34, 7862-7870.	3.6	361

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19	An open science resource for establishing reliability and reproducibility in functional connectomics. <i>Scientific Data</i> , 2014, 1, 140049.	5.3	349
20	Microstructural and functional gradients are increasingly dissociated in transmodal cortices. <i>PLoS Biology</i> , 2019, 17, e3000284.	5.6	332
21	Atypical functional connectome hierarchy in autism. <i>Nature Communications</i> , 2019, 10, 1022.	12.8	326
22	Topographic organization of the human subcortex unveiled with functional connectivity gradients. <i>Nature Neuroscience</i> , 2020, 23, 1421-1432.	14.8	314
23	BrainSpace: a toolbox for the analysis of macroscale gradients in neuroimaging and connectomics datasets. <i>Communications Biology</i> , 2020, 3, 103.	4.4	285
24	Regional Variation in Interhemispheric Coordination of Intrinsic Hemodynamic Fluctuations. <i>Journal of Neuroscience</i> , 2008, 28, 13754-13764.	3.6	271
25	Personality Is Reflected in the Brain's Intrinsic Functional Architecture. <i>PLoS ONE</i> , 2011, 6, e27633.	2.5	254
26	Medial and Lateral Networks in Anterior Prefrontal Cortex Support Metacognitive Ability for Memory and Perception. <i>Journal of Neuroscience</i> , 2013, 33, 16657-16665.	3.6	251
27	Long-term effects of motor training on resting-state networks and underlying brain structure. <i>NeuroImage</i> , 2011, 57, 1492-1498.	4.2	247
28	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.	6.1	238
29	A Systematic Relationship Between Functional Connectivity and Intracortical Myelin in the Human Cerebral Cortex. <i>Cerebral Cortex</i> , 2017, 27, 981-997.	2.9	233
30	An improved neuroanatomical model of the default-mode network reconciles previous neuroimaging and neuropathological findings. <i>Communications Biology</i> , 2019, 2, 370.	4.4	224
31	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.	7.1	212
32	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.	2.0	209
33	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.	4.2	209
34	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.	7.1	201
35	Broca's region: linking human brain functional connectivity data and non-human primate tracing anatomy studies. <i>European Journal of Neuroscience</i> , 2010, 32, 383-398.	2.6	193
36	An Open Resource for Non-human Primate Imaging. <i>Neuron</i> , 2018, 100, 61-74.e2.	8.1	190

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37	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.	5.3	188
38	The Neuro Bureau ADHD-200 Preprocessed repository. <i>NeuroImage</i> , 2017, 144, 275-286.	4.2	183
39	Reward processing in obesity, substance addiction and non-substance addiction. <i>Obesity Reviews</i> , 2014, 15, 853-869.	6.5	146
40	Residual functional connectivity in the split-brain revealed with resting-state functional MRI. <i>NeuroReport</i> , 2008, 19, 703-709.	1.2	142
41	Cross-species functional alignment reveals evolutionary hierarchy within the connectome. <i>NeuroImage</i> , 2020, 223, 117346.	4.2	136
42	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.	2.5	134
43	Functional connectivity of visual cortex in the blind follows retinotopic organization principles. <i>Brain</i> , 2015, 138, 1679-1695.	7.6	132
44	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.	4.2	127
45	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.	2.5	126
46	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.	7.1	125
47	Dynamic modulation of intrinsic functional connectivity by transcranial direct current stimulation. <i>Journal of Neurophysiology</i> , 2012, 108, 3253-3263.	1.8	124
48	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, .	7.1	120
49	Delineating self-referential processing from episodic memory retrieval: Common and dissociable networks. <i>NeuroImage</i> , 2010, 50, 1606-1617.	4.2	112
50	Identifying the perfusion deficit in acute stroke with resting-state functional magnetic resonance imaging. <i>Annals of Neurology</i> , 2013, 73, 136-140.	5.3	112
51	Auditory Hallucinations and the Brain's Resting-State Networks: Findings and Methodological Observations. <i>Schizophrenia Bulletin</i> , 2016, 42, 1110-1123.	4.3	107
52	Common intrinsic connectivity states among posteromedial cortex subdivisions: Insights from analysis of temporal dynamics. <i>NeuroImage</i> , 2014, 93, 124-137.	4.2	104
53	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.	3.0	104
54	Modes of operation: A topographic neural gradient supporting stimulus dependent and independent cognition. <i>NeuroImage</i> , 2019, 186, 487-496.	4.2	98

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55	Shaping brain structure: Genetic and phylogenetic axes of macroscale organization of cortical thickness. <i>Science Advances</i> , 2020, 6, .	10.3	97
56	Shifts in myeloarchitecture characterise adolescent development of cortical gradients. <i>ELife</i> , 2019, 8, .	6.0	97
57	Visualizing the human connectome. <i>NeuroImage</i> , 2013, 80, 445-461.	4.2	95
58	Accelerating the Evolution of Nonhuman Primate Neuroimaging. <i>Neuron</i> , 2020, 105, 600-603.	8.1	92
59	Functional Segregation of the Right Inferior Frontal Gyrus: Evidence From Coactivation-Based Parcellation. <i>Cerebral Cortex</i> , 2019, 29, 1532-1546.	2.9	91
60	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.	4.2	87
61	Toward a connectivity gradient-based framework for reproducible biomarker discovery. <i>NeuroImage</i> , 2020, 223, 117322.	4.2	87
62	Serotonergic Modulation of Intrinsic Functional Connectivity. <i>Current Biology</i> , 2014, 24, 2314-2318.	3.9	82
63	The era of the wandering mind? Twenty-first century research on self-generated mental activity. <i>Frontiers in Psychology</i> , 2013, 4, 891.	2.1	81
64	Making Data Sharing Count: A Publication-Based Solution. <i>Frontiers in Neuroscience</i> , 2013, 7, 9.	2.8	81
65	Recent advances in structural and functional brain imaging studies of attention-deficit/hyperactivity disorder. <i>Current Psychiatry Reports</i> , 2007, 9, 401-407.	4.5	78
66	Macroscale cortical organization and a default-like apex transmodal network in the marmoset monkey. <i>Nature Communications</i> , 2019, 10, 1976.	12.8	76
67	Functional network centrality in obesity: A resting-state and task fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 331-338.	1.8	75
68	Body Topography Parcellates Human Sensory and Motor Cortex. <i>Cerebral Cortex</i> , 2017, 27, 3790-3805.	2.9	75
69	Longitudinal Effects of Lesions on Functional Networks after Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1279-1285.	4.3	73
70	2015 Brainhack Proceedings. <i>GigaScience</i> , 2016, 5, 1-26.	6.4	72
71	Using executive control training to suppress amygdala reactivity to aversive information. <i>NeuroImage</i> , 2016, 125, 1022-1031.	4.2	71
72	Distinct Parietal and Temporal Connectivity Profiles of Ventrolateral Frontal Areas Involved in Language Production. <i>Journal of Neuroscience</i> , 2013, 33, 16846-16852.	3.6	70

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73	NeuroVault.org: A repository for sharing unthresholded statistical maps, parcellations, and atlases of the human brain. <i>NeuroImage</i> , 2016, 124, 1242-1244.	4.2	70
74	Increased Functional Connectivity between Prefrontal Cortex and Reward System in Pathological Gambling. <i>PLoS ONE</i> , 2013, 8, e84565.	2.5	69
75	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.	1.5	68
76	Overlapping and parallel cerebello-cerebral networks contributing to sensorimotor control: An intrinsic functional connectivity study. <i>NeuroImage</i> , 2013, 83, 837-848.	4.2	67
77	Dynamic network participation of functional connectivity hubs assessed by resting-state fMRI. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 195.	2.0	67
78	Intrinsic network architecture predicts the effects elicited by intracranial electrical stimulation of the human brain. <i>Nature Human Behaviour</i> , 2020, 4, 1039-1052.	12.0	64
79	Shared endo-phenotypes of default mode dysfunction in attention deficit/hyperactivity disorder and autism spectrum disorder. <i>Translational Psychiatry</i> , 2018, 8, 133.	4.8	59
80	A gradient from long-term memory to novel cognition: Transitions through default mode and executive cortex. <i>NeuroImage</i> , 2020, 220, 117074.	4.2	59
81	Brain Network Reconfiguration and Perceptual Decoupling During an Absorptive State of Consciousness. <i>Cerebral Cortex</i> , 2016, 26, 3116-3124.	2.9	57
82	Gradients of connectivity distance are anchored in primary cortex. <i>Brain Structure and Function</i> , 2017, 222, 2173-2182.	2.3	57
83	The role of default mode network in semantic cue integration. <i>NeuroImage</i> , 2020, 219, 117019.	4.2	56
84	The neural correlates of ongoing conscious thought. <i>IScience</i> , 2021, 24, 102132.	4.1	56
85	The strength of weak connections in the macaque cortico-cortical network. <i>Brain Structure and Function</i> , 2015, 220, 2939-2951.	2.3	55
86	Low frequency fluctuations reveal integrated and segregated processing among the cerebral hemispheres. <i>NeuroImage</i> , 2011, 54, 517-527.	4.2	54
87	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.	2.0	54
88	Signal diffusion along connectome gradients and inter-hub routing differentially contribute to dynamic human brain function. <i>NeuroImage</i> , 2021, 224, 117429.	4.2	54
89	Genetic and phylogenetic uncoupling of structure and function in human transmodal cortex. <i>Nature Communications</i> , 2022, 13, 2341.	12.8	54
90	The relationship between individual variation in macroscale functional gradients and distinct aspects of ongoing thought. <i>NeuroImage</i> , 2020, 220, 117072.	4.2	53

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91	The Value of Resting-State Functional Magnetic Resonance Imaging in Stroke. <i>Stroke</i> , 2014, 45, 2818-2824.	2.0	52
92	Longitudinal changes in resting-state fMRI from age 5 to age 6 years covary with language development. <i>NeuroImage</i> , 2016, 128, 116-124.	4.2	51
93	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, 471-480.	4.4	50
94	A functional connectome phenotyping dataset including cognitive state and personality measures. <i>Scientific Data</i> , 2019, 6, 180307.	5.3	50
95	Interindividual Variability of Functional Connectivity in Awake and Anesthetized Rhesus Macaque Monkeys. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 543-553.	1.5	47
96	Inflexible Functional Connectivity of the Dorsal Anterior Cingulate Cortex in Adolescent Major Depressive Disorder. <i>Neuropsychopharmacology</i> , 2017, 42, 2434-2445.	5.4	44
97	The psychological correlates of distinct neural states occurring during wakeful rest. <i>Scientific Reports</i> , 2020, 10, 21121.	3.3	44
98	Imaging evolution of the primate brain: the next frontier?. <i>NeuroImage</i> , 2021, 228, 117685.	4.2	43
99	Imperceptible Somatosensory Stimulation Alters Sensorimotor Background Rhythm and Connectivity. <i>Journal of Neuroscience</i> , 2015, 35, 5917-5925.	3.6	42
100	Association of peripheral blood pressure with gray matter volume in 19- to 40-year-old adults. <i>Neurology</i> , 2019, 92, e758-e773.	1.1	42
101	Gradients of connectivity distance in the cerebral cortex of the macaque monkey. <i>Brain Structure and Function</i> , 2019, 224, 925-935.	2.3	42
102	Gradients in brain organization. <i>NeuroImage</i> , 2022, 251, 118987.	4.2	42
103	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	40
104	What we talk about when we talk about the default mode network. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 619.	2.0	40
105	A high resolution 7-Tesla resting-state fMRI test-retest dataset with cognitive and physiological measures. <i>Scientific Data</i> , 2015, 2, 140054.	5.3	40
106	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.	4.2	40
107	Individual differences in common factors of emotional traits and executive functions predict functional connectivity of the amygdala. <i>NeuroImage</i> , 2015, 120, 154-163.	4.2	38
108	Different shades of default mode disturbance in schizophrenia: Subnodal covariance estimation in structure and function. <i>Human Brain Mapping</i> , 2018, 39, 644-661.	3.6	38

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109	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.	2.4	38
110	The impact of ischemic stroke on connectivity gradients. <i>NeuroImage: Clinical</i> , 2019, 24, 101947.	2.7	37
111	A collaborative resource platform for non-human primate neuroimaging. <i>NeuroImage</i> , 2021, 226, 117519.	4.2	36
112	Compressed sensorimotor-to-transmodal hierarchical organization in schizophrenia. <i>Psychological Medicine</i> , 2023, 53, 771-784.	4.5	35
113	Affect and the Brain's Functional Organization: A Resting-State Connectivity Approach. <i>PLoS ONE</i> , 2013, 8, e68015.	2.5	34
114	Brainhack: a collaborative workshop for the open neuroscience community. <i>GigaScience</i> , 2016, 5, 16.	6.4	34
115	One in the Dance: Musical Correlates of Group Synchrony in a Real-World Club Environment. <i>PLoS ONE</i> , 2016, 11, e0164783.	2.5	34
116	Effects of Finger Tapping Frequency on Regional Homogeneity of Sensorimotor Cortex. <i>PLoS ONE</i> , 2013, 8, e64115.	2.5	33
117	Functional connectivity-based parcellation of the human sensorimotor cortex. <i>European Journal of Neuroscience</i> , 2014, 39, 1332-1342.	2.6	33
118	Development of a selective left-hemispheric fronto-temporal network for processing syntactic complexity in language comprehension. <i>Neuropsychologia</i> , 2016, 83, 274-282.	1.6	32
119	A software tool for interactive exploration of intrinsic functional connectivity opens new perspectives for brain surgery. <i>Acta Neurochirurgica</i> , 2011, 153, 1561-1572.	1.7	31
120	Age differences in the functional architecture of the human brain. <i>Cerebral Cortex</i> , 2022, 33, 114-134.	2.9	31
121	Default Positions: How Neuroscience's Historical Legacy has Hampered Investigation of the Resting Mind. <i>Frontiers in Psychology</i> , 2012, 3, 321.	2.1	30
122	The neural networks of subjectively evaluated emotional conflicts. <i>Human Brain Mapping</i> , 2016, 37, 2234-2246.	3.6	30
123	ERP measures of math anxiety: how math anxiety affects working memory and mental calculation tasks?. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 282.	2.0	29
124	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.	3.3	29
125	Joint embedding: A scalable alignment to compare individuals in a connectivity space. <i>NeuroImage</i> , 2020, 222, 117232.	4.2	27
126	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , 2021, 109, 1769-1775.	8.1	27

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127	Myosin light chain kinase regulates synaptic plasticity and fear learning in the lateral amygdala. <i>Neuroscience</i> , 2006, 139, 821-829.	2.3	25
128	Sharing self-related information is associated with intrinsic functional connectivity of cortical midline brain regions. <i>Scientific Reports</i> , 2016, 6, 22491.	3.3	25
129	A tale of two gradients: differences between the left and right hemispheres predict semantic cognition. <i>Brain Structure and Function</i> , 2022, 227, 631-654.	2.3	25
130	In need of constraint: Understanding the role of the cingulate cortex in the impulsive mind. <i>NeuroImage</i> , 2017, 146, 804-813.	4.2	24
131	Development of the Intrinsic Language Network in Preschool Children from Ages 3 to 5 Years. <i>PLoS ONE</i> , 2016, 11, e0165802.	2.5	23
132	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.	3.3	23
133	Prioritizing spatial accuracy in high-resolution fMRI data using multivariate feature weight mapping. <i>Frontiers in Neuroscience</i> , 2014, 8, 66.	2.8	22
134	Intrinsic functional architecture of the macaque dorsal and ventral lateral frontal cortex. <i>Journal of Neurophysiology</i> , 2017, 117, 1084-1099.	1.8	22
135	Toward next-generation primate neuroscience: A collaboration-based strategic plan for integrative neuroimaging. <i>Neuron</i> , 2022, 110, 16-20.	8.1	22
136	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.	7.1	20
137	Perceptual coupling and decoupling of the default mode network during mind-wandering and reading. <i>ELife</i> , 2022, 11, .	6.0	20
138	Long-range functional connections mirror and link microarchitectural and cognitive hierarchies in the human brain. <i>Cerebral Cortex</i> , 2023, 33, 1782-1798.	2.9	20
139	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.	4.2	19
140	Network convergence zones in the anterior midcingulate cortex. <i>Handbook of Clinical Neurology</i> / Edited By PJ Vinken and G W Bruyn, 2019, 166, 103-111.	1.8	16
141	Stereoscopic three-dimensional visualization applied to multimodal brain images: clinical applications and a functional connectivity atlas. <i>Frontiers in Neuroscience</i> , 2014, 8, 328.	2.8	15
142	Math anxiety: Brain cortical network changes in anticipation of doing mathematics. <i>International Journal of Psychophysiology</i> , 2017, 122, 24-31.	1.0	15
143	Automated individual-level parcellation of Broca's region based on functional connectivity. <i>NeuroImage</i> , 2018, 170, 41-53.	4.2	15
144	10Kin1day: A Bottom-Up Neuroimaging Initiative. <i>Frontiers in Neurology</i> , 2019, 10, 425.	2.4	15

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145	Connectome smoothing via low-rank approximations. IEEE Transactions on Medical Imaging, 2019, 38, 1446-1456.	8.9	15
146	Subdivision of Broca's region based on individual-level functional connectivity. European Journal of Neuroscience, 2016, 43, 561-571.	2.6	14
147	Functional connectivity alterations in patients with chronic hepatitis C virus infection: A multimodal MRI study. Journal of Viral Hepatitis, 2017, 24, 216-225.	2.0	14
148	Hemispheric asymmetries in resting-state EEG and fMRI are related to approach and avoidance behaviour, but not to eating behaviour or BMI. Human Brain Mapping, 2020, 41, 1136-1152.	3.6	14
149	Distinct patterns of thought mediate the link between brain functional connectomes and well-being. Network Neuroscience, 2020, 4, 637-657.	2.6	14
150	Integration of a neuroimaging processing pipeline into a pan-canadian computing grid. Journal of Physics: Conference Series, 2012, 341, 012032.	0.4	13
151	Connexel visualization: a software implementation of glyphs and edge-bundling for dense connectivity data using brainGL. Frontiers in Neuroscience, 2014, 8, 15.	2.8	12
152	Individual variation in the propensity for prospective thought is associated with functional integration between visual and retrosplenial cortex. Cortex, 2018, 99, 224-234.	2.4	12
153	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. PLoS ONE, 2019, 14, e0216182.	2.5	11
154	How Mindfulness Training May Help to Reduce Vulnerability for Recurrent Depression. Clinical Psychological Science, 2016, 4, 328-343.	4.0	10
155	Task-Related Edge Density (TED) – A New Method for Revealing Dynamic Network Formation in fMRI Data of the Human Brain. PLoS ONE, 2016, 11, e0158185.	2.5	10
156	More intelligent extraverts are more likely to deceive. PLoS ONE, 2017, 12, e0176591.	2.5	9
157	Disentangling cortical functional connectivity strength and topography reveals divergent roles of genes and environment. NeuroImage, 2022, 247, 118770.	4.2	9
158	Symptom Prevalence of ADHD and ODD in a Pediatric Population in Argentina. Journal of Attention Disorders, 2007, 11, 363-367.	2.6	8
159	Knowing me, knowing you: Resting-state functional connectivity of ventromedial prefrontal cortex dissociates memory related to self from a familiar other. Brain and Cognition, 2017, 113, 65-75.	1.8	8
160	Neurocognitive patterns dissociating semantic processing from executive control are linked to more detailed off-task mental time travel. Scientific Reports, 2020, 10, 11904.	3.3	8
161	Connectivity Concordance Mapping: A New Tool for Model-Free Analysis of fMRI Data of the Human Brain. Frontiers in Systems Neuroscience, 2012, 6, 13.	2.5	7
162	fMRI for the Assessment of Functional Connectivity. , 0, , .		7

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163	Influences on and Measures of Unintentional Group Synchrony. <i>Frontiers in Psychology</i> , 2016, 7, 1744.	2.1	7
164	Predicting future cognitive decline from non-brain and multimodal brain imaging data in healthy and pathological aging. <i>Neurobiology of Aging</i> , 2022, 118, 55-65.	3.1	7
165	A novel approach for assessing hypoperfusion in stroke using spatial independent component analysis of resting-state <scp>fMRI</scp>. <i>Human Brain Mapping</i> , 2021, 42, 5204-5216.	3.6	6
166	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.	2.4	6
167	Unraveling the Complex Tapestry of Association Networks. <i>Neuron</i> , 2017, 95, 239-241.	8.1	4
168	A Chinese multi-modal neuroimaging data release for increasing diversity of human brain mapping. <i>Scientific Data</i> , 2022, 9, .	5.3	4
169	Trade-off of cerebello-cortical and cortico-cortical functional networks for planning in 6-year-old children. <i>NeuroImage</i> , 2018, 176, 510-517.	4.2	3
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