Monica D Rosenberg

List of Publications by Year
in descending order

70 papers	10,131 citations	117625 34 h-index	106344 65 g-index
95 all docs	95 docs citations	95 times ranked	7787 citing authors

#	Article	IF	Citations
1	Functional connectome fingerprinting: identifying individuals using patterns of brain connectivity. Nature Neuroscience, 2015, 18, 1664-1671.	14.8	2,191
2	The Adolescent Brain Cognitive Development (ABCD) study: Imaging acquisition across 21 sites. Developmental Cognitive Neuroscience, 2018, 32, 43-54.	4.0	1,282
3	A neuromarker of sustained attention from whole-brain functional connectivity. Nature Neuroscience, 2016, 19, 165-171.	14.8	833
4	Using connectome-based predictive modeling to predict individual behavior from brain connectivity. Nature Protocols, 2017, 12, 506-518.	12.0	766
5	Robust prediction of individual creative ability from brain functional connectivity. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1087-1092.	7.1	562
6	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. NeuroImage, 2019, 202, 116091.	4.2	539
7	Brain charts for the human lifespan. Nature, 2022, 604, 525-533.	27.8	518
8	In the Zone or Zoning Out? Tracking Behavioral and Neural Fluctuations During Sustained Attention. Cerebral Cortex, 2013, 23, 2712-2723.	2.9	326
9	Ten simple rules for predictive modeling of individual differences in neuroimaging. NeuroImage, 2019, 193, 35-45.	4.2	273
10	Prediction complements explanation in understanding the developing brain. Nature Communications, 2018, 9, 589.	12.8	144
11	Connectome-based predictive modeling of attention: Comparing different functional connectivity features and prediction methods across datasets. NeuroImage, 2018, 167, 11-22.	4.2	139
12	Resting-state functional connectivity predicts neuroticism and extraversion in novel individuals. Social Cognitive and Affective Neuroscience, 2018, 13, 224-232.	3.0	137
13	Patterns in the human brain mosaic discriminate males from females. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1968.	7.1	134
14	Dynamic functional connectivity during task performance and rest predicts individual differences in attention across studies. NeuroImage, 2019, 188, 14-25.	4.2	133
15	Functional connectivity predicts changes in attention observed across minutes, days, and months. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3797-3807.	7.1	128
16	Sustaining visual attention in the face of distraction: a novel gradual-onset continuous performance task. Attention, Perception, and Psychophysics, 2013, 75, 426-439.	1.3	124
17	Characterizing Attention with Predictive Network Models. Trends in Cognitive Sciences, 2017, 21, 290-302.	7.8	121
18	Psilocybin therapy increases cognitive and neural flexibility in patients with major depressive disorder. Translational Psychiatry, 2021, 11, 574.	4.8	115

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19	Intrinsic Fluctuations in Sustained Attention and Distractor Processing. Journal of Neuroscience, 2014, 34, 1724-1730.	3.6	114
20	The Functional Brain Organization of an Individual Allows Prediction of Measures of Social Abilities Transdiagnostically in Autism and Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2019, 86, 315-326.	1.3	95
21	Methylphenidate Modulates Functional Network Connectivity to Enhance Attention. Journal of Neuroscience, 2016, 36, 9547-9557.	3.6	88
22	Connectome-based Models Predict Separable Components of Attention in Novel Individuals. Journal of Cognitive Neuroscience, 2018, 30, 160-173.	2.3	82
23	Resting-State Functional Connectivity Predicts Cognitive Impairment Related to Alzheimer's Disease. Frontiers in Aging Neuroscience, 2018, 10, 94.	3.4	75
24	How to establish robust brain–behavior relationships without thousands of individuals. Nature Neuroscience, 2022, 25, 835-837.	14.8	73
25	Multivariate approaches improve the reliability and validity of functional connectivity and prediction of individual behaviors. NeuroImage, 2019, 197, 212-223.	4.2	66
26	A functional connectivity-based neuromarker of sustained attention generalizes to predict recall in a reading task. NeuroImage, 2018, 166, 99-109.	4.2	63
27	Distributed Patterns of Functional Connectivity Predict Working Memory Performance in Novel Healthy and Memory-impaired Individuals. Journal of Cognitive Neuroscience, 2020, 32, 241-255.	2.3	62
28	Transcriptional and imaging-genetic association of cortical interneurons, brain function, and schizophrenia risk. Nature Communications, 2020, 11, 2889.	12.8	59
29	Beyond fingerprinting: Choosing predictive connectomes over reliable connectomes. NeuroImage, 2021, 239, 118254.	4.2	59
30	Predicting moment-to-moment attentional state. NeuroImage, 2015, 114, 249-256.	4.2	58
31	Behavioral and Neural Signatures of Working Memory in Childhood. Journal of Neuroscience, 2020, 40, 5090-5104.	3.6	50
32	Baseline brain function in the preadolescents of the ABCD Study. Nature Neuroscience, 2021, 24, 1176-1186.	14.8	48
33	Neural signatures of attentional engagement during narratives and its consequences for event memory. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	48
34	Relationships between depressive symptoms and brain responses during emotional movie viewing emerge in adolescence. NeuroImage, 2020, 216, 116217.	4.2	47
35	Connectome-based models predict attentional control in aging adults. NeuroImage, 2019, 186, 1-13.	4.2	46
36	Criterion validity and relationships between alternative hierarchical dimensional models of general and specific psychopathology.. Journal of Abnormal Psychology, 2020, 129, 677-688.	1.9	45

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37	Intelligence and creativity share a common cognitive and neural basis.. Journal of Experimental Psychology: General, 2021, 150, 609-632.	2.1	42
38	Hippocampal seed connectome-based modeling predicts the feeling of stress. Nature Communications, 2020, 11, 2650.	12.8	37
39	Connectome-based neurofeedback: A pilot study to improve sustained attention. NeuroImage, 2020, 212, 116684.	4.2	28
40	Rates of Incidental Findings in Brain Magnetic Resonance Imaging in Children. JAMA Neurology, 2021, 78, 578.	9.0	28
41	The importance of social factors in the association between physical activity and depression in children. Child and Adolescent Psychiatry and Mental Health, 2020, 14, 28.	2.5	24
42	Behavioral and brain signatures of substance use vulnerability in childhood. Developmental Cognitive Neuroscience, 2020, 46, 100878.	4.0	23
43	Predicting attention across time and contexts with functional brain connectivity. Current Opinion in Behavioral Sciences, 2021, 40, 33-44.	3.9	23
44	Overlapping attentional networks yield divergent behavioral predictions across tasks: Neuromarkers for diffuse and focused attention?. NeuroImage, 2020, 209, 116535.	4.2	22
45	Functional connectivity patterns predict naturalistic viewing versus rest across development. NeuroImage, 2021, 229, 117630.	4.2	15
46	Pattern classification of EEG signals reveals perceptual and attentional states. PLoS ONE, 2017, 12, e0176349.	2.5	13
47	An information network flow approach for measuring functional connectivity and predicting behavior. Brain and Behavior, 2019, 9, e01346.	2.2	12
48	A brain-based general measure of attention. Nature Human Behaviour, 2022, 6, 782-795.	12.0	12
49	Associations among Household and Neighborhood Socioeconomic Disadvantages, Resting-state Frontoamygdala Connectivity, and Internalizing Symptoms in Youth. Journal of Cognitive Neuroscience, 2022, 34, 1810-1841.	2.3	10
50	Filtering respiratory motion artifact from resting state fMRI data in infant and toddler populations. NeuroImage, 2022, 247, 118838.	4.2	9
51	Baby brains reflect maternal inflammation. Nature Neuroscience, 2018, 21, 651-653.	14.8	8
52	Genetic variation in endocannabinoid signaling is associated with differential network‐level functional connectivity in youth. Journal of Neuroscience Research, 2022, 100, 731-743.	2.9	8
53	"Taste typicality" is a foundational and multi-modal dimension of ordinary aesthetic experience. Current Biology, 2022, 32, 1837-1842.e3.	3.9	8
54	Inter-electrode correlations measured with EEG predict individual differences in cognitive ability. Current Biology, 2021, 31, 4998-5008.e6.	3.9	7

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55	Effects of the physical and social environment on youth cognitive performance. Developmental Psychobiology, 2022, 64, e22258.	1.6	7
56	Resting-state functional connectivity identifies individuals and predicts age in 8-to-26-month-olds. Developmental Cognitive Neuroscience, 2022, 56, 101123.	4.0	7
57	Using space to remember: Short-term spatial structure spontaneously improves working memory. Cognition, 2021, 214, 104748.	2.2	6
58	Using functional connectivity models to characterize relationships between working and episodic memory. Brain and Behavior, 2021, 11, e02105.	2.2	5
59	Direct and Indirect Associations of Widespread Individual Differences in Brain White Matter Microstructure With Executive Functioning and General and Specific Dimensions of Psychopathology in Children. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, , .	1.5	4
60	Predicting post-stroke aphasia from brain imaging. Nature Human Behaviour, 2020, 4, 675-676.	12.0	4
61	Synthesizing pseudo-T2w images to recapture missing data in neonatal neuroimaging with applications in rs-fMRI. NeuroImage, 2022, 253, 119091.	4.2	4
62	A cognitive state transformation model for task-general and task-specific subsystems of the brain connectome. NeuroImage, 2022, 257, 119279.	4.2	4
63	Propofol selectively modulates functional connectivity signatures of sustained attention during rest and narrative listening. Cerebral Cortex, 2022, 32, 5362-5375.	2.9	2
64	An open-access accelerated adult equivalent of the ABCD Study neuroimaging dataset (a-ABCD). NeuroImage, 2022, 255, 119215.	4.2	2
65	Building a comprehensive model of visual memory from images and individuals. Journal of Vision, 2021, 21, 2224.	0.3	1
66	Predicting moment-to-moment attentional state. Journal of Vision, 2014, 14, 634-634.	0.3	1
67	Associations Between Trauma Exposure, Internalizing Symptoms, and Functional Connectivity in Youth. Biological Psychiatry, 2021, 89, S323-S324.	1.3	0
68	EEG pattern classification reveals the scope of local vs. global attention. Journal of Vision, 2013, 13, 1119-1119.	0.3	0
69	Are you the sort of person who would like this? Quantifying the typicality of aesthetic taste across seeing and hearing. Journal of Vision, 2019, 19, 174b.	0.3	0
70	Correction to Moore et al. (2020).. Journal of Abnormal Psychology, 2020, 129, 759-759.	1.9	0