Russell Alan Poldrack

List of Publications by Year
in descending order

255 papers	52,484 citations	1994 101 h-index	1900 208 g-index
345 all docs	345 docs citations	345 times ranked	37743 citing authors

#	Article	IF	Citations
1	Large-scale automated synthesis of human functional neuroimaging data. Nature Methods, 2011, 8, 665-670.	19.0	2,993
2	Inhibition and the right inferior frontal cortex. Trends in Cognitive Sciences, 2004, 8, 170-177.	7.8	2,628
3	fMRIPrep: a robust preprocessing pipeline for functional MRI. Nature Methods, 2019, 16, 111-116.	19.0	1,830
4	Can cognitive processes be inferred from neuroimaging data?. Trends in Cognitive Sciences, 2006, 10, 59-63.	7.8	1,772
5	Inhibition and the right inferior frontal cortex: one decade on. Trends in Cognitive Sciences, 2014, 18, 177-185.	7.8	1,557
6	Cortical and Subcortical Contributions to Stop Signal Response Inhibition: Role of the Subthalamic Nucleus. Journal of Neuroscience, 2006, 26, 2424-2433.	3.6	1,431
7	The Neural Basis of Loss Aversion in Decision-Making Under Risk. Science, 2007, 315, 515-518.	12.6	1,375
8	Functional Specialization for Semantic and Phonological Processing in the Left Inferior Prefrontal Cortex. NeuroImage, 1999, 10, 15-35.	4.2	1,349
9	Scanning the horizon: towards transparent and reproducible neuroimaging research. Nature Reviews Neuroscience, 2017, 18, 115-126.	10.2	1,041
10	The brain imaging data structure, a format for organizing and describing outputs of neuroimaging experiments. Scientific Data, 2016, 3, 160044.	5.3	1,038
11	Genome-wide association meta-analysis in 269,867 individuals identifies new genetic and functional links to intelligence. Nature Genetics, 2018, 50, 912-919.	21.4	893
12	Triangulating a Cognitive Control Network Using Diffusion-Weighted Magnetic Resonance Imaging (MRI) and Functional MRI. Journal of Neuroscience, 2007, 27, 3743-3752.	3.6	869
13	Recovering Meaning. Neuron, 2001, 31, 329-338.	8.1	813
14	Competition among multiple memory systems: converging evidence from animal and human brain studies. Neuropsychologia, 2003, 41, 245-251.	1.6	808
15	Dissociable Controlled Retrieval and Generalized Selection Mechanisms in Ventrolateral Prefrontal Cortex. Neuron, 2005, 47, 907-918.	8.1	802
16	Functional System and Areal Organization of a Highly Sampled Individual Human Brain. Neuron, 2015, 87, 657-670.	8.1	785
17	Microstructure of Temporo-Parietal White Matter as a Basis for Reading Ability. Neuron, 2000, 25, 493-500.	8.1	688
18	Region of interest analysis for fMRI. Social Cognitive and Affective Neuroscience, 2007, 2, 67-70.	3.0	677

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19	The Dynamics of Functional Brain Networks: Integrated Network States during Cognitive Task Performance. Neuron, 2016, 92, 544-554.	8.1	656
20	Variability in the analysis of a single neuroimaging dataset by many teams. Nature, 2020, 582, 84-88.	27.8	634
21	Inferring Mental States from Neuroimaging Data: From Reverse Inference to Large-Scale Decoding. Neuron, 2011, 72, 692-697.	8.1	619
22	Deconvolving BOLD activation in event-related designs for multivoxel pattern classification analyses. NeuroImage, 2012, 59, 2636-2643.	4.2	583
23	MRIQC: Advancing the automatic prediction of image quality in MRI from unseen sites. PLoS ONE, 2017, 12, e0184661.	2.5	538
24	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. Nature Communications, 2018, 9, 2098.	12.8	484
25	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
26	Best practices in data analysis and sharing in neuroimaging using MRI. Nature Neuroscience, 2017, 20, 299-303.	14.8	482
27	A consensus guide to capturing the ability to inhibit actions and impulsive behaviors in the stop-signal task. ELife, 2019, 8, .	6.0	479
28	Guidelines for reporting an fMRI study. NeuroImage, 2008, 40, 409-414.	4.2	466
29	Modulation of competing memory systems by distraction. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11778-11783.	7.1	465
30	The Neural Correlates of Motor Skill Automaticity. Journal of Neuroscience, 2005, 25, 5356-5364.	3.6	462
31	Establishment of Best Practices for Evidence for Prediction. JAMA Psychiatry, 2020, 77, 534.	11.0	422
32	Functional boundaries in the human cerebellum revealed by a multi-domain task battery. Nature Neuroscience, 2019, 22, 1371-1378.	14.8	406
33	Striatal activation during acquisition of a cognitive skill.. Neuropsychology, 1999, 13, 564-574.	1.3	369
34	Questions and controversies in the study of time-varying functional connectivity in resting fMRI. Network Neuroscience, 2020, 4, 30-69.	2.6	364
35	Reward processing in autism. Autism Research, 2010, 3, 53-67.	3.8	363
36	Making big data open: data sharing in neuroimaging. Nature Neuroscience, 2014, 17, 1510-1517.	14.8	358

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37	Long-term neural and physiological phenotyping of a single human. Nature Communications, 2015, 6, 8885.	12.8	353
38	Imaging Brain Plasticity: Conceptual and Methodological Issuesâ€" A Theoretical Review. NeuroImage, 2000, 12, 1-13.	4.2	345
39	Human cognition involves the dynamic integration of neural activity and neuromodulatory systems. Nature Neuroscience, 2019, 22, 289-296.	14.8	341
40	Striatal Dopamine D₂/D₃Receptor Availability Is Reduced in Methamphetamine Dependence and Is Linked to Impulsivity. Journal of Neuroscience, 2009, 29, 14734-14740.	3.6	330
41	Prospect theory on the brain? Toward a cognitive neuroscience of decision under risk. Cognitive Brain Research, 2005, 23, 34-50.	3.0	318
42	A Coordinate-Based Meta-Analysis of Overlaps in Regional Specialization and Functional Connectivity across Subjective Value and Default Mode Networks. Frontiers in Neuroscience, 2017, 11, 1.	2.8	310
43	Greater Neural Pattern Similarity Across Repetitions Is Associated with Better Memory. Science, 2010, 330, 97-101.	12.6	299
44	Toward open sharing of task-based fMRI data: the OpenfMRI project. Frontiers in Neuroinformatics, 2013, 7, 12.	2.5	296
45	Mind the gap: bridging economic and naturalistic risk-taking with cognitive neuroscience. Trends in Cognitive Sciences, 2011, 15, 11-19.	7.8	288
46	Large-scale analysis of testâ€"retest reliabilities of self-regulation measures. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5472-5477.	7.1	284
47	Six problems for causal inference from fMRI. NeuroImage, 2010, 49, 1545-1558.	4.2	274
48	The Cognitive Atlas: Toward a Knowledge Foundation for Cognitive Neuroscience. Frontiers in Neuroinformatics, 2011, 5, 17.	2.5	269
49	From Brain Maps to Cognitive Ontologies: Informatics and the Search for Mental Structure. Annual Review of Psychology, 2016, 67, 587-612.	17.7	258
50	Uncovering the structure of self-regulation through data-driven ontology discovery. Nature Communications, 2019, 10, 2319.	12.8	255
51	A unique adolescent response to reward prediction errors. Nature Neuroscience, 2010, 13, 669-671.	14.8	250
52	What do differences between multi-voxel and univariate analysis mean? How subject-, voxel-, and trial-level variance impact fMRI analysis. NeuroImage, 2014, 97, 271-283.	4.2	245
53	Common Neural Substrates for Inhibition of Spoken and Manual Responses. Cerebral Cortex, 2008, 18, 1923-1932.	2.9	243
54	Decoding the Large-Scale Structure of Brain Function by Classifying Mental States Across Individuals. Psychological Science, 2009, 20, 1364-1372.	3.3	236

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55	Altered Functional Connectivity in Frontal Lobe Circuits Is Associated with Variation in the Autism Risk Gene CNTNAP2. Science Translational Medicine, 2010, 2, 56ra80.	12.4	234
56	Orthogonalization of Regressors in fMRI Models. PLoS ONE, 2015, 10, e0126255.	2.5	222
57	Different Forms of Self-Control Share a Neurocognitive Substrate. Journal of Neuroscience, 2011, 31, 4805-4810.	3.6	220
58	Data sharing in neuroimaging research. Frontiers in Neuroinformatics, 2012, 6, 9.	2.5	219
59	BIDS apps: Improving ease of use, accessibility, and reproducibility of neuroimaging data analysis methods. PLoS Computational Biology, 2017, 13, e1005209.	3.2	218
60	Advancing functional connectivity research from association to causation. Nature Neuroscience, 2019, 22, 1751-1760.	14.8	215
61	Striatal Dopamine D₂/D₃Receptors Mediate Response Inhibition and Related Activity in Frontostriatal Neural Circuitry in Humans. Journal of Neuroscience, 2012, 32, 7316-7324.	3.6	214
62	Characterizing the neural mechanisms of skill learning and repetition priming. Brain, 2001, 124, 67-82.	7.6	213
63	Progress and challenges in probing the human brain. Nature, 2015, 526, 371-379.	27.8	211
64	Phenomics: the systematic study of phenotypes on a genome-wide scale. Neuroscience, 2009, 164, 30-42.	2.3	205
65	Neural Activation During Response Competition. Journal of Cognitive Neuroscience, 2000, 12, 118-129.	2.3	202
66	Automatic independent component labeling for artifact removal in fMRI. NeuroImage, 2008, 39, 1227-1245.	4.2	202
67	Striatal activation during acquisition of a cognitive skill.. Neuropsychology, 1999, 13, 564-574.	1.3	202
68	The impact of study design on pattern estimation for single-trial multivariate pattern analysis. NeuroImage, 2014, 103, 130-138.	4.2	200
69	Mapping Mental Function to Brain Structure: How Can Cognitive Neuroimaging Succeed?. Perspectives on Psychological Science, 2010, 5, 753-761.	9.0	195
70	Measurement and Reliability of Response Inhibition. Frontiers in Psychology, 2012, 3, 37.	2.1	194
71	GWAS meta-analysis reveals novel loci and genetic correlates for general cognitive function: a report from the COGENT consortium. Molecular Psychiatry, 2017, 22, 336-345.	7.9	194
72	Everything You Never Wanted to Know about Circular Analysis, but Were Afraid to Ask. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 1551-1557.	4.3	190

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73	The role of fMRI in Cognitive Neuroscience: where do we stand?. Current Opinion in Neurobiology, 2008, 18, 223-227.	4.2	186
74	Long-term testâ€“retest reliability of functional MRI in a classification learning task. NeuroImage, 2006, 29, 1000-1006.	4.2	185
75	In praise of tedious anatomy. NeuroImage, 2007, 37, 1033-1041.	4.2	185
76	Temporal metastates are associated with differential patterns of time-resolved connectivity, network topology, and attention. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9888-9891.	7.1	181
77	Principles of dynamic network reconfiguration across diverse brain states. NeuroImage, 2018, 180, 396-405.	4.2	181
78	Cognitive neuroscience 2.0: building a cumulative science of human brain function. Trends in Cognitive Sciences, 2010, 14, 489-496.	7.8	173
79	Independence in ROI analysis: where is the voodoo?. Social Cognitive and Affective Neuroscience, 2009, 4, 208-213.	3.0	171
80	Analyses of regional-average activation and multivoxel pattern information tell complementary stories. Neuropsychologia, 2012, 50, 544-552.	1.6	169
81	Somatosensory-Motor Dysconnectivity Spans Multiple Transdiagnostic Dimensions of Psychopathology. Biological Psychiatry, 2019, 86, 779-791.	1.3	162
82	Estimation of dynamic functional connectivity using Multiplication of Temporal Derivatives. NeuroImage, 2015, 122, 399-407.	4.2	160
83	Engagement of large-scale networks is related to individual differences in inhibitory control. NeuroImage, 2010, 53, 653-663.	4.2	157
84	Neural Components Underlying Behavioral Flexibility in Human Reversal Learning. Cerebral Cortex, 2010, 20, 1843-1852.	2.9	154
85	Is â€œefficiencyâ€•a useful concept in cognitive neuroscience?. Developmental Cognitive Neuroscience, 2015, 11, 12-17.	4.0	154
86	Discovering Relations Between Mind, Brain, and Mental Disorders Using Topic Mapping. PLoS Computational Biology, 2012, 8, e1002707.	3.2	153
87	The future of fMRI in cognitive neuroscience. NeuroImage, 2012, 62, 1216-1220.	4.2	152
88	Category learning and the memory systems debate. Neuroscience and Biobehavioral Reviews, 2008, 32, 197-205.	6.1	148
89	Predicting risky choices from brain activity patterns. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2470-2475.	7.1	137
90	The OpenNeuro resource for sharing of neuroscience data. ELife, 2021, 10, .	6.0	137

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91	Hemispheric asymmetries and individual differences in visual concept learning as measured by functional MRI. Neuropsychologia, 2000, 38, 1316-1324.	1.6	136
92	Pain in the ACC?. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2474-5.	7.1	136
93	The modulation of neural gain facilitates a transition between functional segregation and integration in the brain. ELife, 2018, 7, .	6.0	128
94	A Practical Guide for Improving Transparency and Reproducibility in Neuroimaging Research. PLoS Biology, 2016, 14, e1002506.	5.6	127
95	Changing value through cued approach: an automatic mechanism of behavior change. Nature Neuroscience, 2014, 17, 625-630.	14.8	126
96	Decoding brain activity using a large-scale probabilistic functional-anatomical atlas of human cognition. PLoS Computational Biology, 2017, 13, e1005649.	3.2	124
97	Decreasing Ventromedial Prefrontal Cortex Activity During Sequential Risk-Taking: An fMRI Investigation of the Balloon Analog Risk Task. Frontiers in Neuroscience, 2012, 6, 80.	2.8	123
98	Towards an Ontology of Cognitive Control. Topics in Cognitive Science, 2010, 2, 678-692.	1.9	122
99	The Neural Substrates of Visual Perceptual Learning of Words: Implications for the Visual Word Form Area Hypothesis. Journal of Cognitive Neuroscience, 2007, 19, 1643-1655.	2.3	121
100	OpenfMRI: Open sharing of task fMRI data. NeuroImage, 2017, 144, 259-261.	4.2	121
101	Cognitive ontologies for neuropsychiatric phenomics research. Cognitive Neuropsychiatry, 2009, 14, 419-450.	1.3	120
102	How do memory systems interact? Evidence from human classification learning. Neurobiology of Learning and Memory, 2004, 82, 324-332.	1.9	118
103	Measuring neural representations with fMRI: practices and pitfalls. Annals of the New York Academy of Sciences, 2013, 1296, 108-134.	3.8	118
104	Common and Dissociable Prefrontal Loci Associated with Component Mechanisms of Analogical Reasoning. Cerebral Cortex, 2010, 20, 524-533.	2.9	115
105	Neural Systems for Rapid Automatized Naming in Skilled Readers: Unraveling the RAN-Reading Relationship. Scientific Studies of Reading, 2004, 8, 241-256.	2.0	112
106	Effect of Modafinil on Learning and Task-Related Brain Activity in Methamphetamine-Dependent and Healthy Individuals. Neuropsychopharmacology, 2011, 36, 950-959.	5.4	109
107	Decomposing bias in different types of simple decisions.. Journal of Experimental Psychology: Learning Memory and Cognition, 2014, 40, 385-398.	0.9	107
108	NeuroQuery, comprehensive meta-analysis of human brain mapping. ELife, 2020, 9, .	6.0	105

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109	Large-Scale Cognitive GWAS Meta-Analysis Reveals Tissue-Specific Neural Expression and Potential Nootropic Drug Targets. Cell Reports, 2017, 21, 2597-2613.	6.4	103
110	Selective Amplification of Stimulus Differences during Categorical Processing of Speech. Neuron, 2007, 56, 726-740.	8.1	101
111	Spaced Learning Enhances Subsequent Recognition Memory by Reducing Neural Repetition Suppression. Journal of Cognitive Neuroscience, 2011, 23, 1624-1633.	2.3	99
112	Neural Correlates of Response Inhibition and Cigarette Smoking in Late Adolescence. Neuropsychopharmacology, 2011, 36, 970-978.	5.4	97
113	Pediatric Functional Magnetic Resonance Imaging: Progress and Challenges. Topics in Magnetic Resonance Imaging, 2002, 13, 61-70.	1.2	96
114	Inhibition-related Activation in the Right Inferior Frontal Gyrus in the Absence of Inhibitory Cues. Journal of Cognitive Neuroscience, 2011, 23, 3388-3399.	2.3	95
115	Transformed Neural Pattern Reinstatement during Episodic Memory Retrieval. Journal of Neuroscience, 2017, 37, 2986-2998.	3.6	95
116	On the fundamental role of anatomy in functional imaging: Reply to commentaries on â€œIn praise of tedious anatomyâ€• NeuroImage, 2007, 37, 1066-1068.	4.2	94
117	Pleiotropic Meta-Analysis of Cognition, Education, and Schizophrenia Differentiates Roles of Early Neurodevelopmental and Adult Synaptic Pathways. American Journal of Human Genetics, 2019, 105, 334-350.	6.2	86
118	Inhibitory Motor Control in Response Stopping and Response Switching. Journal of Neuroscience, 2010, 30, 8512-8518.	3.6	84
119	Evaluating imaging biomarkers for neurodegeneration in pre-symptomatic Huntington's disease using machine learning techniques. NeuroImage, 2011, 56, 788-796.	4.2	83
120	Human anterior and posterior hippocampus respond distinctly to state and trait anxiety.. Emotion, 2012, 12, 58-68.	1.8	82
121	Detecting network modules in fMRI time series: A weighted network analysis approach. NeuroImage, 2010, 52, 1465-1476.	4.2	80
122	Global Neural Pattern Similarity as a Common Basis for Categorization and Recognition Memory. Journal of Neuroscience, 2014, 34, 7472-7484.	3.6	79
123	Analysis of task-based functional MRI data preprocessed with fMRIPrep. Nature Protocols, 2020, 15, 2186-2202.	12.0	78
124	Spatiotemporal activity estimation for multivoxel pattern analysis with rapid event-related designs. NeuroImage, 2012, 62, 1429-1438.	4.2	77
125	Decomposing Decision Components in the Stop-signal Task: A Model-based Approach to Individual Differences in Inhibitory Control. Journal of Cognitive Neuroscience, 2014, 26, 1601-1614.	2.3	77
126	The Relationship Between Measures of Impulsivity and Alcohol Misuse: An Integrative Structural Equation Modeling Approach. Alcoholism: Clinical and Experimental Research, 2012, 36, 923-931.	2.4	76

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127	Atlases of cognition with large-scale human brain mapping. PLoS Computational Biology, 2018, 14, e1006565.	3.2	74
128	Preservation of Implicit Memory for New Associations in Global Amnesia. Psychological Science, 1997, 8, 326-329.	3.3	70
129	NeuroVault.org: A repository for sharing unthresholded statistical maps, parcellations, and atlases of the human brain. NeuroImage, 2016, 124, 1242-1244.	4.2	70
130	Decoding developmental differences and individual variability in response inhibition through predictive analyses across individuals. Frontiers in Human Neuroscience, 2010, 4, 47.	2.0	68
131	What Can Neuroimaging Tell Us About the Mind?. Current Directions in Psychological Science, 2004, 13, 177-181.	5.3	67
132	Prospect Theory and the Brain. , 2009, , 145-173.		67
133	Shared Genetic Factors Influence Head Motion During MRI and Body Mass Index. Cerebral Cortex, 2017, 27, 5539-5546.	2.9	67
134	The Low-Dimensional Neural Architecture of Cognitive Complexity Is Related to Activity in Medial Thalamic Nuclei. Neuron, 2019, 104, 849-855.e3.	8.1	67
135	Selective corticostriatal dysfunction in schizophrenia: Examination of motor and cognitive skill learning.. Neuropsychology, 2008, 22, 100-109.	1.3	65
136	Perceptual Criteria in the Human Brain. Journal of Neuroscience, 2012, 32, 16716-16724.	3.6	65
137	The Costs of Reproducibility. Neuron, 2019, 101, 11-14.	8.1	65
138	Interpreting developmental changes in neuroimaging signals. Human Brain Mapping, 2010, 31, 872-878.	3.6	62
139	The cognitive and perceptual correlates of ideological attitudes: a data-driven approach. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200424.	4.0	62
140	Catecholaminergic manipulation alters dynamic network topology across cognitive states. Network Neuroscience, 2018, 2, 381-396.	2.6	61
141	Modeling group fMRI data. Social Cognitive and Affective Neuroscience, 2007, 2, 251-257.	3.0	60
142	The ethics of secondary data analysis: Considering the application of Belmont principles to the sharing of neuroimaging data. NeuroImage, 2013, 82, 671-676.	4.2	60
143	Complementary Role of Frontoparietal Activity and Cortical Pattern Similarity in Successful Episodic Memory Encoding. Cerebral Cortex, 2013, 23, 1562-1571.	2.9	60
144	Predicting Violent Behavior: What Can Neuroscience Add?. Trends in Cognitive Sciences, 2018, 22, 111-123.	7.8	56

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145	Transitions in information processing dynamics at the whole-brain network level are driven by alterations in neural gain. PLoS Computational Biology, 2019, 15, e1006957.	3.2	56
146	Good practice in food-related neuroimaging. American Journal of Clinical Nutrition, 2019, 109, 491-503.	4.7	56
147	Sequence Learning. Neuron, 2003, 37, 891-893.	8.1	54
148	Precision Neuroscience: Dense Sampling of Individual Brains. Neuron, 2017, 95, 727-729.	8.1	54
149	Editorial: Reliability and Reproducibility in Functional Connectomics. Frontiers in Neuroscience, 2019, 13, 117.	2.8	54
150	Challenges in phenotype definition in the whole-genome era: multivariate models of memory and intelligence. Neuroscience, 2009, 164, 88-107.	2.3	51
151	Greater risk sensitivity of dorsolateral prefrontal cortex in young smokers than in nonsmokers. Psychopharmacology, 2013, 229, 345-355.	3.1	51
152	Interdisciplinary perspectives on the development, integration, and application of cognitive ontologies. Frontiers in Neuroinformatics, 2014, 8, 62.	2.5	51
153	Quantifying the Internal Structure of Categories Using a Neural Typicality Measure. Cerebral Cortex, 2014, 24, 1720-1737.	2.9	51
154	The Experiment Factory: Standardizing Behavioral Experiments. Frontiers in Psychology, 2016, 7, 610.	2.1	51
155	Dopamine depletion alters macroscopic network dynamics in Parkinsonâ€™s disease. Brain, 2019, 142, 1024-1034.	7.6	50
156	Applying novel technologies and methods to inform the ontology of self-regulation. Behaviour Research and Therapy, 2018, 101, 46-57.	3.1	48
157	Reward Learning over Weeks Versus Minutes Increases the Neural Representation of Value in the Human Brain. Journal of Neuroscience, 2018, 38, 7649-7666.	3.6	48
158	Predictive models avoid excessive reductionism in cognitive neuroimaging. Current Opinion in Neurobiology, 2019, 55, 1-6.	4.2	48
159	Preprocessed Consortium for Neuropsychiatric Phenomics dataset. F1000Research, 2017, 6, 1262.	1.6	48
160	Secondary-task effects on classification learning. Memory and Cognition, 2007, 35, 864-874.	1.6	47
161	Neural activity differs between explicit and implicit learning of artificial grammar strings: An fMRI study. Cognitive, Affective and Behavioral Neuroscience, 2000, 28, 283-292.	1.3	47
162	The relationship between skill learning and repetition priming: Experimental and computational analyses.. Journal of Experimental Psychology: Learning Memory and Cognition, 1999, 25, 208-235.	0.9	45

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163	Neural Substrates for Reversing Stimulusâ€“Outcome and Stimulusâ€“Response Associations. Journal of Neuroscience, 2008, 28, 11196-11204.	3.6	44
164	Crowdsourced MRI quality metrics and expert quality annotations for training of humans and machines. Scientific Data, 2019, 6, 30.	5.3	43
165	Severe violations of independence in response inhibition tasks. Science Advances, 2021, 7, .	10.3	43
166	Putting the brakes on the brakes: negative emotion disrupts cognitive control network functioning and alters subsequent stopping ability. Experimental Brain Research, 2016, 234, 3107-3118.	1.5	42
167	Decoding Continuous Variables from Neuroimaging Data: Basic and Clinical Applications. Frontiers in Neuroscience, 2011, 5, 75.	2.8	41
168	What is the mechanism for fluency in successive recognition?. Acta Psychologica, 1998, 98, 167-181.	1.5	40
169	Right inferior frontal cortex: addressing the rebuttals. Frontiers in Human Neuroscience, 2014, 8, 905.	2.0	40
170	The publication and reproducibility challenges of shared data. Trends in Cognitive Sciences, 2015, 19, 59-61.	7.8	40
171	Dataset decay and the problem of sequential analyses on open datasets. ELife, 2020, 9, .	6.0	40
172	Neural activation during response inhibition in adult attention-deficit/hyperactivity disorder: Preliminary findings on the effects of medication and symptom severity. Psychiatry Research - Neuroimaging, 2014, 222, 17-28.	1.8	39
173	Women are more sensitive than men to prior trial events on the <scp>S</scp>topâ€signal task. British Journal of Psychology, 2014, 105, 254-272.	2.3	35
174	Computational and Informatic Advances for Reproducible Data Analysis in Neuroimaging. Annual Review of Biomedical Data Science, 2019, 2, 119-138.	6.5	35
175	Reflections on the past two decades of neuroscience. Nature Reviews Neuroscience, 2020, 21, 524-534.	10.2	35
176	Functional MRI at the crossroads. International Journal of Psychophysiology, 2009, 73, 3-9.	1.0	34
177	Facilitating Memory for Novel Characters by Reducing Neural Repetition Suppression in the Left Fusiform Cortex. PLoS ONE, 2010, 5, e13204.	2.5	34
178	The neural basis of task switching changes with skill acquisition. Frontiers in Human Neuroscience, 2014, 8, 339.	2.0	34
179	Functional imaging of sleep vertex sharp transients. Clinical Neurophysiology, 2011, 122, 1382-1386.	1.5	32
180	PyBIDS: Python tools for BIDS datasets. Journal of Open Source Software, 2019, 4, 1294.	4.6	32

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181	Fluency and response speed in recognition judgments. Memory and Cognition, 1997, 25, 1-10.	1.6	31
182	Distinct Patterns of Temporal and Directional Connectivity among Intrinsic Networks in the Human Brain. Journal of Neuroscience, 2017, 37, 9667-9674.	3.6	31
183	The human connectome project for disordered emotional states: Protocol and rationale for a research domain criteria study of brain connectivity in young adult anxiety and depression. NeuroImage, 2020, 214, 116715.	4.2	31
184	Differences in neural activation as a function of risk-taking task parameters. Frontiers in Neuroscience, 2013, 7, 173.	2.8	30
185	fMRI data of mixed gambles from the Neuroimaging Analysis Replication and Prediction Study. Scientific Data, 2019, 6, 106.	5.3	30
186	Mechanisms of Choice Behavior Shift Using Cue-approach Training. Frontiers in Psychology, 2016, 7, 421.	2.1	29
187	Enabling an Open Data Ecosystem for the Neurosciences. Neuron, 2016, 92, 617-621.	8.1	29
188	The Processing-Speed Impairment in Psychosis Is More Than Just Accelerated Aging. Schizophrenia Bulletin, 2017, 43, sbw168.	4.3	29
189	What's in a pattern? Examining the type of signal multivariate analysis uncovers at the group level. NeuroImage, 2017, 146, 113-120.	4.2	29
190	Neural correlates of effort-based valuation with prospective choices. NeuroImage, 2019, 185, 446-454.	4.2	29
191	A data-driven framework for mapping domains of human neurobiology. Nature Neuroscience, 2021, 24, 1733-1744.	14.8	29
192	Preprocessed Consortium for Neuropsychiatric Phenomics dataset. F1000Research, 2017, 6, 1262.	1.6	28
193	Neural Systems for Perceptual Skill Learning. Behavioral and Cognitive Neuroscience Reviews, 2002, 1, 76-83.	3.9	27
194	Multiple brain networks contribute to the acquisition of bias in perceptual decision-making. Frontiers in Neuroscience, 2015, 9, 63.	2.8	26
195	Disambiguating the role of blood flow and global signal with partial information decomposition. NeuroImage, 2020, 213, 116699.	4.2	26
196	Design issues and solutions for stop-signal data from the Adolescent Brain Cognitive Development (ABCD) study. ELife, 2021, 10, .	6.0	26
197	Neural mechanisms of cue-approach training. NeuroImage, 2017, 151, 92-104.	4.2	25
198	False Discovery Rate Smoothing. Journal of the American Statistical Association, 2018, 113, 1156-1171.	3.1	25

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199	On testing for stochastic dissociations. Psychonomic Bulletin and Review, 1996, 3, 434-448.	2.8	24
200	The spectrum of data sharing policies in neuroimaging data repositories. Human Brain Mapping, 2022, 43, 2707-2721.	3.6	24
201	Measurement in Intensive Longitudinal Data. Structural Equation Modeling, 2021, 28, 807-822.	3.8	23
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