

Todd S Braver

List of Publications by Citations

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182
papers

32,322
citations

75
h-index

179
g-index

216
ext. papers

36,168
ext. citations

6.1
avg, IF

7.53
L-index

#	Paper	IF	Citations
182	Conflict monitoring and cognitive control. <i>Psychological Review</i> , 2001 , 108, 624-52	6.3	4938
181	Anterior cingulate cortex, error detection, and the online monitoring of performance. <i>Science</i> , 1998 , 280, 747-9	33.3	2714
180	Temporal dynamics of brain activation during a working memory task. <i>Nature</i> , 1997 , 386, 604-8	50.4	1653
179	A parametric study of prefrontal cortex involvement in human working memory. <i>NeuroImage</i> , 1997 , 5, 49-62	7.9	1393
178	The variable nature of cognitive control: a dual mechanisms framework. <i>Trends in Cognitive Sciences</i> , 2012 , 16, 106-13	14	1295
177	Multi-task connectivity reveals flexible hubs for adaptive task control. <i>Nature Neuroscience</i> , 2013 , 16, 1348-55	25.5	982
176	Intrinsic and task-evoked network architectures of the human brain. <i>Neuron</i> , 2014 , 83, 238-51	13.9	933
175	Neural mechanisms of general fluid intelligence. <i>Nature Neuroscience</i> , 2003 , 6, 316-22	25.5	814
174	Learned predictions of error likelihood in the anterior cingulate cortex. <i>Science</i> , 2005 , 307, 1118-21	33.3	687
173	Neural mechanisms of transient and sustained cognitive control during task switching. <i>Neuron</i> , 2003 , 39, 713-26	13.9	636
172	Event perception: a mind-brain perspective. <i>Psychological Bulletin</i> , 2007 , 133, 273-93	19.1	571
171	Integration of emotion and cognition in the lateral prefrontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 4115-20	11.5	544
170	Dissociating working memory from task difficulty in human prefrontal cortex. <i>Neuropsychologia</i> , 1997 , 35, 1373-80	3.2	510
169	Selective deficits in prefrontal cortex function in medication-naive patients with schizophrenia. <i>Archives of General Psychiatry</i> , 2001 , 58, 280-8		492
168	Motivation and cognitive control: from behavior to neural mechanism. <i>Annual Review of Psychology</i> , 2015 , 66, 83-113	26.1	445
167	A theory of cognitive control, aging cognition, and neuromodulation. <i>Neuroscience and Biobehavioral Reviews</i> , 2002 , 26, 809-17	9	435
166	Global connectivity of prefrontal cortex predicts cognitive control and intelligence. <i>Journal of Neuroscience</i> , 2012 , 32, 8988-99	6.6	424

165	Cognition and control in schizophrenia: a computational model of dopamine and prefrontal function. <i>Biological Psychiatry</i> , 1999 , 46, 312-28	7.9	418
164	Flexible neural mechanisms of cognitive control within human prefrontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 7351-6	11.5	412
163	Activation of the prefrontal cortex in a nonspatial working memory task with functional MRI. <i>Human Brain Mapping</i> , 1994 , 1, 293-304	5.9	385
162	Human brain activity time-locked to perceptual event boundaries. <i>Nature Neuroscience</i> , 2001 , 4, 651-5	25.5	379
161	Individual differences in delay discounting: relation to intelligence, working memory, and anterior prefrontal cortex. <i>Psychological Science</i> , 2008 , 19, 904-11	7.9	337
160	Context processing in older adults: Evidence for a theory relating cognitive control to neurobiology in healthy aging.. <i>Journal of Experimental Psychology: General</i> , 2001 , 130, 746-763	4.7	314
159	The role of frontopolar cortex in subgoal processing during working memory. <i>NeuroImage</i> , 2002 , 15, 523-36	7.9	313
158	Working memory for letters, shapes, and locations: fMRI evidence against stimulus-based regional organization in human prefrontal cortex. <i>NeuroImage</i> , 2000 , 11, 424-46	7.9	307
157	Prefrontal cortex and flexible cognitive control: rules without symbols. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 7338-43	11.5	302
156	Computational perspectives on dopamine function in prefrontal cortex. <i>Current Opinion in Neurobiology</i> , 2002 , 12, 223-9	7.6	293
155	Cognitive control, goal maintenance, and prefrontal function in healthy aging. <i>Cerebral Cortex</i> , 2008 , 18, 1010-28	5.1	288
154	Motivational influences on cognitive control: behavior, brain activation, and individual differences. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2008 , 8, 99-112	3.5	281
153	Direct comparison of prefrontal cortex regions engaged by working and long-term memory tasks. <i>NeuroImage</i> , 2001 , 14, 48-59	7.9	270
152	Cognitive effort: A neuroeconomic approach. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015 , 15, 395-415	3.5	243
151	Anterior cingulate and the monitoring of response conflict: evidence from an fMRI study of overt verb generation. <i>Journal of Cognitive Neuroscience</i> , 2000 , 12, 298-309	3.1	239
150	Context-processing deficits in schizophrenia: Diagnostic specificity, 4-week course, and relationships to clinical symptoms.. <i>Journal of Abnormal Psychology</i> , 2003 , 112, 132-143	7	230
149	BOLD correlates of trial-by-trial reaction time variability in gray and white matter: a multi-study fMRI analysis. <i>PLoS ONE</i> , 2009 , 4, e4257	3.7	221
148	Prefrontal cortex mediation of cognitive enhancement in rewarding motivational contexts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 8871-6	11.5	217

147	What is the subjective cost of cognitive effort? Load, trait, and aging effects revealed by economic preference. <i>PLoS ONE</i> , 2013 , 8, e68210	3.7	208
146	Opiate addicts lack error-dependent activation of rostral anterior cingulate. <i>Biological Psychiatry</i> , 2004 , 55, 531-7	7.9	201
145	Mechanisms of motivation-cognition interaction: challenges and opportunities. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2014 , 14, 443-72	3.5	199
144	Intellect as distinct from Openness: differences revealed by fMRI of working memory. <i>Journal of Personality and Social Psychology</i> , 2009 , 97, 883-92	6.5	180
143	Overt verbal responding during fMRI scanning: empirical investigations of problems and potential solutions. <i>NeuroImage</i> , 1999 , 10, 642-57	7.9	162
142	Neural mechanisms of interference control underlie the relationship between fluid intelligence and working memory span. <i>Journal of Experimental Psychology: General</i> , 2011 , 140, 674-692	4.7	161
141	Prefrontal cortex and dynamic categorization tasks: representational organization and neuromodulatory control. <i>Cerebral Cortex</i> , 2002 , 12, 246-57	5.1	159
140	Affective personality differences in neural processing efficiency confirmed using fMRI. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2005 , 5, 182-90	3.5	148
139	A model of dual control mechanisms through anterior cingulate and prefrontal cortex interactions. <i>Neurocomputing</i> , 2006 , 69, 1322-1326	5.4	147
138	Dopamine Does Double Duty in Motivating Cognitive Effort. <i>Neuron</i> , 2016 , 89, 695-710	13.9	145
137	A computational model of fractionated conflict-control mechanisms in task-switching. <i>Cognitive Psychology</i> , 2007 , 55, 37-85	3.1	141
136	Distinct neural circuits support transient and sustained processes in prospective memory and working memory. <i>Cerebral Cortex</i> , 2009 , 19, 1208-21	5.1	139
135	Context processing and context maintenance in healthy aging and early stage dementia of the Alzheimer's type. <i>Psychology and Aging</i> , 2005 , 20, 33-46	3.6	135
134	Searchlight analysis: promise, pitfalls, and potential. <i>NeuroImage</i> , 2013 , 78, 261-9	7.9	133
133	Positive affect versus reward: emotional and motivational influences on cognitive control. <i>Frontiers in Psychology</i> , 2011 , 2, 279	3.4	130
132	Executive functioning component mechanisms and schizophrenia. <i>Biological Psychiatry</i> , 2008 , 64, 26-33	7.9	129
131	Sensitivity of prefrontal cortex to changes in target probability: a functional MRI study. <i>Human Brain Mapping</i> , 2001 , 13, 26-33	5.9	127
130	Risk prediction and aversion by anterior cingulate cortex. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2007 , 7, 266-77	3.5	124

129	Temporal dynamics of motivation-cognitive control interactions revealed by high-resolution pupillometry. <i>Frontiers in Psychology</i> , 2013 , 4, 15	3.4	122
128	Personality predicts working-memory-related activation in the caudal anterior cingulate cortex. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2002 , 2, 64-75	3.5	120
127	Dopamine, cognitive control, and schizophrenia: the gating model. <i>Progress in Brain Research</i> , 1999 , 121, 327-49	2.9	117
126	Dissociable influences of reward motivation and positive emotion on cognitive control. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2014 , 14, 509-29	3.5	112
125	A computational model of anterior cingulate function in speeded response tasks: effects of frequency, sequence, and conflict. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2002 , 2, 300-17	3.5	109
124	CNTRICS final task selection: executive control. <i>Schizophrenia Bulletin</i> , 2009 , 35, 115-35	1.3	106
123	Domain independence and stability in young and older adults—discounting of delayed rewards. <i>Behavioural Processes</i> , 2011 , 87, 253-9	1.6	105
122	Context-processing deficits in schizophrenia: diagnostic specificity, 4-week course, and relationships to clinical symptoms. <i>Journal of Abnormal Psychology</i> , 2003 , 112, 132-43	7	105
121	A Biologically Based Computational Model of Working Memory 1999 , 375-411		101
120	Accounting for cognitive aging: context processing, inhibition or processing speed?. <i>Aging, Neuropsychology, and Cognition</i> , 2006 , 13, 588-610	2.1	98
119	Primary and secondary rewards differentially modulate neural activity dynamics during working memory. <i>PLoS ONE</i> , 2010 , 5, e9251	3.7	94
118	Age-related shifts in brain activity dynamics during task switching. <i>Cerebral Cortex</i> , 2010 , 20, 1420-31	5.1	93
117	Effects of environmental support and strategy training on older adults—use of context. <i>Psychology and Aging</i> , 2006 , 21, 499-509	3.6	91
116	Vive les differences! Individual variation in neural mechanisms of executive control. <i>Current Opinion in Neurobiology</i> , 2010 , 20, 242-50	7.6	90
115	Improving prefrontal cortex function in schizophrenia through focused training of cognitive control. <i>Frontiers in Human Neuroscience</i> , 2010 , 4, 32	3.3	89
114	Impulsivity and self-control during intertemporal decision making linked to the neural dynamics of reward value representation. <i>Journal of Neuroscience</i> , 2013 , 33, 344-57	6.6	88
113	Are people really more patient than other animals? Evidence from human discounting of real liquid rewards. <i>Psychonomic Bulletin and Review</i> , 2009 , 16, 1071-5	4.1	87
112	Motivated cognitive control: reward incentives modulate preparatory neural activity during task-switching. <i>Journal of Neuroscience</i> , 2010 , 30, 10294-305	6.6	84

111	A computational model of event segmentation from perceptual prediction. <i>Cognitive Science</i> , 2007 , 31, 613-43	2.2	82
110	Individual differences in amygdala activity predict response speed during working memory. <i>Journal of Neuroscience</i> , 2006 , 26, 10120-8	6.6	82
109	Neural mechanisms of interference control in working memory: effects of interference expectancy and fluid intelligence. <i>PLoS ONE</i> , 2010 , 5, e12861	3.7	81
108	A computational model of risk, conflict, and individual difference effects in the anterior cingulate cortex. <i>Brain Research</i> , 2008 , 1202, 99-108	3.7	78
107	Dissociable neural routes to successful prospective memory. <i>Psychological Science</i> , 2013 , 24, 1791-800	7.9	74
106	Reward Motivation Enhances Task Coding in Frontoparietal Cortex. <i>Cerebral Cortex</i> , 2016 , 26, 1647-59	5.1	72
105	Mechanisms underlying dependencies of performance on stimulus history in a two-alternative forced-choice task. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2002 , 2, 283-99	3.5	72
104	Functional specializations in lateral prefrontal cortex associated with the integration and segregation of information in working memory. <i>Cerebral Cortex</i> , 2007 , 17, 993-1006	5.1	70
103	Interactions of Motivation and Cognitive Control. <i>Current Opinion in Behavioral Sciences</i> , 2018 , 19, 83-90	4	67
102	Enhancement of cognitive control by approach and avoidance motivational states. <i>Cognition and Emotion</i> , 2010 , 24, 338-356	2.3	66
101	Rapid transfer of abstract rules to novel contexts in human lateral prefrontal cortex. <i>Frontiers in Human Neuroscience</i> , 2011 , 5, 142	3.3	65
100	Dopaminergic modulation of response inhibition: an fMRI study. <i>Cognitive Brain Research</i> , 2004 , 20, 438-48		65
99	The power of instructions: Proactive configuration of stimulus-response translation. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2015 , 41, 768-86	2.2	64
98	Explaining the Many Varieties of Working Memory Variation: Dual Mechanisms of Cognitive Control 2008 , 76-106		63
97	A direct comparison of anterior prefrontal cortex involvement in episodic retrieval and integration. <i>Cerebral Cortex</i> , 2006 , 16, 519-28	5.1	61
96	Extracting core components of cognitive control. <i>Trends in Cognitive Sciences</i> , 2006 , 10, 529-32	14	61
95	Reliability of functional localization using fMRI. <i>NeuroImage</i> , 2003 , 20, 1561-77	7.9	57
94	Lateral Prefrontal Cortex Contributes to Fluid Intelligence Through Multinetwork Connectivity. <i>Brain Connectivity</i> , 2015 , 5, 497-504	2.7	56

93	Strategy-dependent changes in memory: effects on behavior and brain activity. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2003 , 3, 155-67	3.5	54
92	Cognitive Neuroscience Approaches to Individual Differences in Working Memory and Executive Control: Conceptual and Methodological Issues. <i>Plenum Series on Human Exceptionality</i> , 2010 , 87-107		54
91	Dissociating proactive and reactive control in the Stroop task. <i>Memory and Cognition</i> , 2016 , 44, 778-88	2.2	53
90	When planning results in loss of control: intention-based reflexivity and working-memory. <i>Frontiers in Human Neuroscience</i> , 2012 , 6, 104	3.3	51
89	Revealing list-level control in the Stroop task by uncovering its benefits and a cost. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2011 , 37, 1595-606	2.6	51
88	Item- and task-level processes in the left inferior prefrontal cortex: positive and negative correlates of encoding. <i>NeuroImage</i> , 2004 , 21, 1472-83	7.9	51
87	The function and organization of lateral prefrontal cortex: a test of competing hypotheses. <i>PLoS ONE</i> , 2012 , 7, e30284	3.7	50
86	Inducing Proactive Control Shifts in the AX-CPT. <i>Frontiers in Psychology</i> , 2016 , 7, 1822	3.4	50
85	Remembering to prepare: The benefits (and costs) of high working memory capacity. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2015 , 41, 1764-77	2.2	48
84	The Behavioral Relevance of Task Information in Human Prefrontal Cortex. <i>Cerebral Cortex</i> , 2016 , 26, 2497-505	5.1	43
83	Reward favors the prepared: Incentive and task-informative cues interact to enhance attentional control. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2016 , 42, 52-66	2.6	43
82	The Role of Prefrontal Cortex in Normal and Disordered Cognitive Control: A Cognitive Neuroscience Perspective 2002 , 428-447		42
81	The Subjective Value of Cognitive Effort is Encoded by a Domain-General Valuation Network. <i>Journal of Neuroscience</i> , 2019 , 39, 3934-3947	6.6	41
80	The Role of Psychometrics in Individual Differences Research in Cognition: A Case Study of the AX-CPT. <i>Frontiers in Psychology</i> , 2017 , 8, 1482	3.4	41
79	Age-related changes in neural activity during performance matched working memory manipulation. <i>NeuroImage</i> , 2008 , 42, 1577-86	7.9	40
78	The task novelty paradox: Flexible control of inflexible neural pathways during rapid instructed task learning. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 81, 4-15	9	39
77	Sustained neural activity associated with cognitive control during temporally extended decision making. <i>Cognitive Brain Research</i> , 2005 , 23, 71-84		39
76	How does reward expectation influence cognition in the human brain?. <i>Journal of Cognitive Neuroscience</i> , 2008 , 20, 1980-92	3.1	34

75	Medial frontal cortex function: an introduction and overview. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2007 , 7, 261-5	3.5	33
74	Attention, intention, and strategy in preparatory control. <i>Neuropsychologia</i> , 2009 , 47, 1670-85	3.2	32
73	Neural mechanisms of time-based prospective memory: evidence for transient monitoring. <i>PLoS ONE</i> , 2014 , 9, e92123	3.7	30
72	Neuroimaging of individual differences: A latent variable modeling perspective. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 98, 29-46	9	27
71	Dopamine release in nucleus accumbens during rewarded task switching measured by [¹¹ C]raclopride. <i>NeuroImage</i> , 2014 , 99, 357-64	7.9	26
70	Impaired error-likelihood prediction in medial prefrontal cortex in schizophrenia. <i>NeuroImage</i> , 2011 , 54, 1506-17	7.9	25
69	Neural circuitry of emotional and cognitive conflict revealed through facial expressions. <i>PLoS ONE</i> , 2011 , 6, e17635	3.7	25
68	Reflexive activation of newly instructed stimulus-response rules: evidence from lateralized readiness potentials in no-go trials. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015 , 15, 365-73	3.5	24
67	Computational and neural mechanisms of task switching. <i>Neurocomputing</i> , 2006 , 69, 1332-1336	5.4	24
66	Prefrontal brain activity predicts temporally extended decision-making behavior. <i>Journal of the Experimental Analysis of Behavior</i> , 2005 , 84, 537-54	2.1	24
65	Intertemporal Decision-Making Involves Prefrontal Control Mechanisms Associated with Working Memory. <i>Cerebral Cortex</i> , 2018 , 28, 1105-1116	5.1	23
64	Preparation for integration: the role of anterior prefrontal cortex in working memory. <i>NeuroReport</i> , 2008 , 19, 15-9	1.7	22
63	Humans Integrate Monetary and Liquid Incentives to Motivate Cognitive Task Performance. <i>Frontiers in Psychology</i> , 2015 , 6, 2037	3.4	22
62	Exploring brain-behavior relationships in the N-back task. <i>NeuroImage</i> , 2020 , 212, 116683	7.9	20
61	Cognitive-pharmacologic functional magnetic resonance imaging in tourette syndrome: a pilot study. <i>Biological Psychiatry</i> , 2004 , 55, 916-25	7.9	19
60	Reward motivation and neurostimulation interact to improve working memory performance in healthy older adults: A simultaneous tDCS-fNIRS study. <i>NeuroImage</i> , 2019 , 202, 116062	7.9	18
59	The effect of age on rule-based category learning. <i>Aging, Neuropsychology, and Cognition</i> , 2006 , 13, 411-34		17
58	Separating event-related BOLD components within trials: the partial-trial design revisited. <i>NeuroImage</i> , 2009 , 47, 501-13	7.9	16

57	12. Integration of emotion and cognitive control. <i>Advances in Consciousness Research</i> , 2002 , 289-316		15
56	Principles of pleasure prediction: specifying the neural dynamics of human reward learning. <i>Neuron</i> , 2003 , 38, 150-2	13.9	14
55	Context Processing and Cognitive Control 2017 , 143-166		13
54	Age-related changes in neural mechanisms of prospective memory. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018 , 18, 982-999	3.5	13
53	Neural Coding of Cognitive Control: The Representational Similarity Analysis Approach. <i>Trends in Cognitive Sciences</i> , 2021 , 25, 622-638	14	13
52	Proactive control of irrelevant task rules during cued task switching. <i>Psychological Research</i> , 2016 , 80, 860-76	2.5	12
51	Age-Related Differences in Motivational Integration and Cognitive Control. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019 , 19, 692-714	3.5	12
50	Anticipating the consequences of action: an fMRI study of intention-based task preparation. <i>Psychophysiology</i> , 2010 , 47, 1019-27	4.1	12
49	MVPA Permutation Schemes: Permutation Testing in the Land of Cross-Validation 2013 ,		11
48	Exactly how are fluid intelligence, working memory, and executive function related? Cognitive neuroscience approaches to investigating the mechanisms of fluid cognition. <i>Behavioral and Brain Sciences</i> , 2006 , 29, 128-129	0.9	11
47	Towards an Individual Differences Perspective in Mindfulness Training Research: Theoretical and Empirical Considerations. <i>Frontiers in Psychology</i> , 2020 , 11, 818	3.4	9
46	Pattern Similarity Analyses of FrontoParietal Task Coding: Individual Variation and Genetic Influences. <i>Cerebral Cortex</i> , 2020 , 30, 3167-3183	5.1	9
45	A role for proactive control in rapid instructed task learning. <i>Acta Psychologica</i> , 2018 , 184, 20-30	1.7	9
44	The economics of cognitive effort. <i>Behavioral and Brain Sciences</i> , 2013 , 36, 704-5; discussion 707-26	0.9	9
43	Integration in working memory: a magnetic stimulation study on the role of left anterior prefrontal cortex. <i>PLoS ONE</i> , 2012 , 7, e43731	3.7	9
42	Monetary Incentives Improve Performance, Sometimes: Speed and Accuracy Matter, and so Might Preparation. <i>Frontiers in Psychology</i> , 2011 , 2, 325	3.4	8
41	Estimation and validation of individualized dynamic brain models with resting state fMRI. <i>NeuroImage</i> , 2020 , 221, 117046	7.9	7
40	Working Memory, Executive Control, and Aging		7

39	Exploring emotional and cognitive conflict using speeded voluntary facial expressions. <i>Emotion</i> , 2010 , 10, 842-54	4.1	7
38	Motivation and Cognitive Control: Going Beyond Monetary Incentives 2014 , 137-162		7
37	Dissociable Effects of Monetary, Liquid, and Social Incentives on Motivation and Cognitive Control. <i>Frontiers in Psychology</i> , 2020 , 11, 2212	3.4	7
36	The Dual Mechanisms of Cognitive Control Project. <i>Journal of Cognitive Neuroscience</i> , 2021 , 1-26	3.1	7
35	Predicting Individual Preferences in Mindfulness Techniques Using Personality Traits. <i>Frontiers in Psychology</i> , 2020 , 11, 1163	3.4	5
34	Cognitive Control and Schizophrenia: Psychological and Neural Mechanisms 2005 , 122-159		5
33	Aversive motivation and cognitive control.. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 133, 104493	9	5
32	Dorsal Anterior Cingulate Cortex Encodes the Integrated Incentive Motivational Value of Cognitive Task Performance. <i>Journal of Neuroscience</i> , 2021 , 41, 3707-3720	6.6	5
31	Reward improves response inhibition by enhancing attentional capture. <i>Social Cognitive and Affective Neuroscience</i> , 2019 , 14, 35-45	4	5
30	Measuring the Subjective Cost of Listening Effort Using a Discounting Task. <i>Journal of Speech, Language, and Hearing Research</i> , 2021 , 64, 337-347	2.8	5
29	A College First-Year Mindfulness Seminar to Enhance Psychological Well-Being and Cognitive Function. <i>Journal of Student Affairs Research and Practice</i> , 2021 , 58, 437-451	0.7	4
28	Local and global effects of motivation on cognitive control. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2012 , 12, 692-718	3.5	4
27	Strategic insight and age-related goal-neglect influence risky decision-making. <i>Frontiers in Neuroscience</i> , 2012 , 6, 68	5.1	4
26	Computational Models of Attention and Cognitive Control 2001 , 422-450		4
25	Neural coding of cognitive control: The representational similarity analysis approach		4
24	A Representational Similarity Analysis of Cognitive Control during Color-Word Stroop. <i>Journal of Neuroscience</i> , 2021 , 41, 7388-7402	6.6	4
23	Domain-general cognitive motivation: evidence from economic decision-making. <i>Cognitive Research: Principles and Implications</i> , 2021 , 6, 4	2.7	4
22	Looking Outside the Searchlight. <i>Lecture Notes in Computer Science</i> , 2012 , 26-33	0.9	3

21	A representational similarity analysis of cognitive control during color-word Stroop		3
20	The Dual Mechanisms of Cognitive Control dataset: A theoretically-guided within-subject task fMRI battery		3
19	Scalable surrogate deconvolution for identification of partially-observable systems and brain modeling. <i>Journal of Neural Engineering</i> , 2020 , 17, 046025	5	2
18	Effort in daily life: relationships between experimental tasks and daily experience. <i>Motivation Science</i> , 2020 , 6, 303-308	3.4	2
17	Examining delay of gratification in healthy aging. <i>Behavioural Processes</i> , 2020 , 176, 104125	1.6	1
16	Incorporating ecological momentary assessment into multimethod investigations of cognitive aging: Promise and practical considerations.. <i>Psychology and Aging</i> , 2022 , 37, 84-96	3.6	1
15	The Dual Mechanisms of Cognitive Control (DMCC) Project		1
14	Investigating mindfulness influences on cognitive function: On the promise and potential of converging research strategies. <i>Psychonomic Bulletin and Review</i> , 2021 , 1	4.1	1
13	Pattern similarity analyses of frontoparietal task coding: Individual variation and genetic influences		1
12	The Subjective Value of Cognitive Effort is Encoded by a Domain-General Valuation Network		1
11	Individual Differences in Cognition from a Neurophysiological Perspective: The Commentaries. <i>Plenum Series on Human Exceptionality</i> , 2010 , 169-178		1
10	Frontoparietal pattern similarity analyses of cognitive control in monozygotic twins. <i>NeuroImage</i> , 2021 , 241, 118415	7.9	1
9	Enhancing task fMRI preprocessing via individualized model-based filtering of intrinsic activity dynamics.. <i>NeuroImage</i> , 2021 , 247, 118836	7.9	0
8	The role of neural load effects in predicting individual differences in working memory function. <i>NeuroImage</i> , 2021 , 245, 118656	7.9	0
7	Geometric classification of brain network dynamics via conic derivative discriminants. <i>Journal of Neuroscience Methods</i> , 2018 , 308, 88-105	3	0
6	Domain-general cognitive motivation: Evidence from economic decision-making - Final Registered Report.. <i>Cognitive Research: Principles and Implications</i> , 2022 , 7, 23	2.7	0
5	The Dual Mechanisms of Cognitive Control dataset, a theoretically-guided within-subject task fMRI battery.. <i>Scientific Data</i> , 2022 , 9, 114	8.2	0
4	Where the rubber meets the road: The importance of implementation. <i>Behavioral and Brain Sciences</i> , 2003 , 26, 83-84	0.9	

- 3 Dopaminergic modulation of response inhibition: an fMRI study. *Cognitive Brain Research*, **2004**, 20, 438-438
- 2 Cognitive control in altruism and self-control: A social cognitive neuroscience perspective. *Behavioral and Brain Sciences*, **2002**, 25, 260-260 0.9
- 1 We need to be braver about the generalizability crisis.. *Behavioral and Brain Sciences*, **2022**, 45, e6 0.9