

Sam J Gilbert

List of Publications by Year in descending order

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93
papers

9,063
citations

44069
48
h-index

49909
87
g-index

111
all docs

111
docs citations

111
times ranked

8930
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Specialization within Rostral Prefrontal Cortex (Area 10): A Meta-analysis. Journal of Cognitive Neuroscience, 2006, 18, 932-948.	2.3	618
2	The gateway hypothesis of rostral prefrontal cortex (area 10) function. Trends in Cognitive Sciences, 2007, 11, 290-298.	7.8	606
3	Reading Hidden Intentions in the Human Brain. Current Biology, 2007, 17, 323-328.	3.9	583
4	The case for the development and use of "ecologically valid" measures of executive function in experimental and clinical neuropsychology. Journal of the International Neuropsychological Society, 2006, 12, 194-209.	1.8	503
5	The present and future use of functional near-infrared spectroscopy (fNIRS) for cognitive neuroscience. Annals of the New York Academy of Sciences, 2020, 1464, 5-29.	3.8	498
6	A Neural Mechanism Mediating the Impact of Episodic Prospection on Farsighted Decisions. Journal of Neuroscience, 2011, 31, 6771-6779.	3.6	377
7	Executive function. Current Biology, 2008, 18, R110-R114.	3.9	317
8	Task Switching: A PDP Model. Cognitive Psychology, 2002, 44, 297-337.	2.2	305
9	Cognitive Offloading. Trends in Cognitive Sciences, 2016, 20, 676-688.	7.8	297
10	Differential components of prospective memory?Evidence from fMRI. Neuropsychologia, 2006, 44, 1388-1397.	1.6	248
11	Systematic Review: Are Overweight and Obese Individuals Impaired on Behavioural Tasks of Executive Functioning?. Neuropsychology Review, 2013, 23, 138-156.	4.9	231
12	Function and localization within rostral prefrontal cortex (area 10). Philosophical Transactions of the Royal Society B: Biological Sciences, 2007, 362, 887-899.	4.0	222
13	Separable brain systems supporting cued versus self-initiated realization of delayed intentions.. Journal of Experimental Psychology: Learning Memory and Cognition, 2009, 35, 905-915.	0.9	178
14	A Review on the Use of Wearable Functional Near-Infrared Spectroscopy in Naturalistic Environments. Japanese Psychological Research, 2018, 60, 347-373.	1.1	177
15	Involvement of rostral prefrontal cortex in selection between stimulus-oriented and stimulus-independent thought. European Journal of Neuroscience, 2005, 21, 1423-1431.	2.6	161
16	Training social cognition: From imitation to Theory of Mind. Cognition, 2012, 122, 228-235.	2.2	135
17	Atypical recruitment of medial prefrontal cortex in autism spectrum disorders: An fMRI study of two executive function tasks. Neuropsychologia, 2008, 46, 2281-2291.	1.6	133
18	Corrections and Clarifications. Science, 2007, 317, 43-43.	12.6	115

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19	Distinct Roles for Lateral and Medial Anterior Prefrontal Cortex in Contextual Recollection. Journal of Neurophysiology, 2005, 94, 813-820.	1.8	113
20	The role of rostral prefrontal cortex in prospective memory: A voxel-based lesion study. Neuropsychologia, 2011, 49, 2185-2198.	1.6	112
21	When I think about me and simulate you: Medial rostral prefrontal cortex and self-referential processes. NeuroImage, 2010, 50, 1340-1349.	4.2	110
22	Separable Forms of Reality Monitoring Supported by Anterior Prefrontal Cortex. Journal of Cognitive Neuroscience, 2008, 20, 447-457.	2.3	109
23	Using Fiberless, Wearable fNIRS to Monitor Brain Activity in Real-world Cognitive Tasks. Journal of Visualized Experiments, 2015, , .	0.3	109
24	Distinct regions of medial rostral prefrontal cortex supporting social and nonsocial functions. Social Cognitive and Affective Neuroscience, 2007, 2, 217-226.	3.0	108
25	Performance-related activity in medial rostral prefrontal cortex (area 10) during low-demand tasks.. Journal of Experimental Psychology: Human Perception and Performance, 2006, 32, 45-58.	0.9	102
26	Differential Functions of Lateral and Medial Rostral Prefrontal Cortex (Area 10) Revealed by Brain-Behavior Associations. Cerebral Cortex, 2005, 16, 1783-1789.	2.9	99
27	Abnormal functional specialization within medial prefrontal cortex in high-functioning autism: a multi-voxel similarity analysis. Brain, 2009, 132, 869-878.	7.6	89
28	Decoding the Content of Delayed Intentions. Journal of Neuroscience, 2011, 31, 2888-2894.	3.6	88
29	Functional neuroimaging of visual creativity: a systematic review and meta-analysis. Brain and Behavior, 2016, 6, e00540.	2.2	87
30	Distinct roles for lateral and medial rostral prefrontal cortex in source monitoring of perceived and imagined events. Neuropsychologia, 2008, 46, 1442-1453.	1.6	85
31	Strategic use of reminders: Influence of both domain-general and task-specific metacognitive confidence, independent of objective memory ability. Consciousness and Cognition, 2015, 33, 245-260.	1.5	85
32	Strategic offloading of delayed intentions into the external environment. Quarterly Journal of Experimental Psychology, 2015, 68, 971-992.	1.1	85
33	Discriminating imagined from perceived information engages brain areas implicated in schizophrenia. NeuroImage, 2006, 32, 696-703.	4.2	83
34	Mesulam's frontal lobe mystery re-examined. Restorative Neurology and Neuroscience, 2009, 27, 493-506.	0.7	83
35	Distinct functional connectivity associated with lateral versus medial rostral prefrontal cortex: A meta-analysis. NeuroImage, 2010, 53, 1359-1367.	4.2	82
36	Action sharpens sensory representations of expected outcomes. Nature Communications, 2018, 9, 4288.	12.8	78

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37	Rostral Prefrontal Cortex and the Focus of Attention in Prospective Memory. Cerebral Cortex, 2012, 22, 1876-1886.	2.9	76
38	Solving the detour problem in navigation: a model of prefrontal and hippocampal interactions. Frontiers in Human Neuroscience, 2015, 9, 125.	2.0	75
39	Does "Task Difficulty" Explain "Task-Induced Deactivation"? Frontiers in Psychology, 2012, 3, 125.	2.1	67
40	A novel GLM-based method for the Automatic Identification of functional Events (AIDE) in fNIRS data recorded in naturalistic environments. NeuroImage, 2017, 155, 291-304.	4.2	63
41	The gateway hypothesis of rostral prefrontal cortex (area 10) function. , 2005, , 217-248.		63
42	Advantages of the multiple case series approach to the study of cognitive deficits in autism spectrum disorder. Neuropsychologia, 2009, 47, 2981-2988.	1.6	61
43	Specialization of the Rostral Prefrontal Cortex for Distinct Analogy Processes. Cerebral Cortex, 2010, 20, 2647-2659.	2.9	61
44	Evaluative vs. trait representation in intergroup social judgments: Distinct roles of anterior temporal lobe and prefrontal cortex. Neuropsychologia, 2012, 50, 3600-3611.	1.6	61
45	Autistic adolescents show atypical activation of the brain's mentalizing system even without a prior history of mentalizing problems. Neuropsychologia, 2014, 56, 17-25.	1.6	55
46	Recruitment of lateral rostral prefrontal cortex in spontaneous and task-related thoughts. Quarterly Journal of Experimental Psychology, 2010, 63, 1740-1756.	1.1	54
47	Involvement of right dorsolateral prefrontal cortex in ill-structured design cognition: An fMRI study. Brain Research, 2010, 1312, 79-88.	2.2	53
48	Making if-then plans counteracts learned non-use in stroke patients: A proof-of-principle study. Restorative Neurology and Neuroscience, 2017, 35, 537-545.	0.7	51
49	Dissociation between Verbal Response Initiation and Suppression after Prefrontal Lesions. Cerebral Cortex, 2012, 22, 2428-2440.	2.9	49
50	Deficits in Spontaneous Cognition as an Early Marker of Alzheimer's Disease. Trends in Cognitive Sciences, 2020, 24, 285-301.	7.8	49
51	Optimal use of reminders: Metacognition, effort, and cognitive offloading.. Journal of Experimental Psychology: General, 2020, 149, 501-517.	2.1	48
52	Cognitive functioning after medial frontal lobe damage including the anterior cingulate cortex: A preliminary investigation. Brain and Cognition, 2006, 60, 166-175.	1.8	43
53	The Scale of Functional Specialization within Human Prefrontal Cortex: Figure 1.. Journal of Neuroscience, 2010, 30, 1233-1237.	3.6	43
54	Similarity between Brain Activity at Encoding and Retrieval Predicts Successful Realization of Delayed Intentions. Journal of Cognitive Neuroscience, 2012, 24, 93-105.	2.3	37

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55	The Neuropsychology of Starvation: Set-Shifting and Central Coherence in a Fasted Nonclinical Sample. PLoS ONE, 2014, 9, e110743.	2.5	31
56	Confidence guides spontaneous cognitive offloading. Cognitive Research: Principles and Implications, 2019, 4, 45.	2.0	31
57	Development of the Selection and Manipulation of Self-Generated Thoughts in Adolescence. Journal of Neuroscience, 2010, 30, 7664-7671.	3.6	29
58	Automaticity and Control in Prospective Memory: A Computational Model. PLoS ONE, 2013, 8, e59852.	2.5	29
59	Development of Children's Use of External Reminders for Hard-to-Remember Intentions. Child Development, 2018, 89, 2099-2108.	3.0	29
60	Looking to the future: Automatic regulation of attention between current performance and future plans. Neuropsychologia, 2011, 49, 2258-2271.	1.6	27
61	Creating external reminders for delayed intentions: Dissociable influence on "task-positive" and "task-negative" brain networks. NeuroImage, 2015, 104, 231-240.	4.2	27
62	Increased Set Shifting Costs in Fasted Healthy Volunteers. PLoS ONE, 2014, 9, e101946.	2.5	19
63	Strategic use of reminders in an "intention offloading" task: Do individuals with autism spectrum conditions compensate for memory difficulties?. Neuropsychologia, 2017, 97, 140-151.	1.6	18
64	Age differences in strategic reminder setting and the compensatory role of metacognition.. Psychology and Aging, 2021, 36, 172-185.	1.6	16
65	Modification of planned actions. Experimental Brain Research, 2009, 192, 265-274.	1.5	15
66	The effect of metacognitive training on confidence and strategic reminder setting. PLoS ONE, 2020, 15, e0240858.	2.5	15
67	Excessive use of reminders: Metacognition and effort-minimisation in cognitive offloading. Consciousness and Cognition, 2020, 85, 103024.	1.5	14
68	Characterising monitoring processes in event-based prospective memory: Evidence from pupillometry. Cognition, 2019, 184, 83-95.	2.2	13
69	The effect of recent reminder setting on subsequent strategy and performance in a prospective memory task. Memory, 2020, 28, 677-691.	1.7	13
70	Decoding intentions of self and others from fMRI activity patterns. NeuroImage, 2018, 172, 278-290.	4.2	12
71	Children Devise and Selectively Use Tools to Offload Cognition. Current Biology, 2020, 30, 3457-3464.e3.	3.9	12
72	Individual differences in cognitive offloading: a comparison of intention offloading, pattern copy, and short-term memory capacity. Cognitive Research: Principles and Implications, 2021, 6, 34.	2.0	11

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73	Imaging the Designing Brain: A Neurocognitive Exploration of Design Thinking. , 2011, , 489-504.		11
74	Partially Overlapping Neural Correlates of Metacognitive Monitoring and Metacognitive Control. Journal of Neuroscience, 2022, 42, 3622-3635.	3.6	10
75	Vision: The Versatile “Visual” Cortex. Current Biology, 2004, 14, R1056-R1057.	3.9	9
76	Does task-set reconfiguration create cognitive slack?. Journal of Experimental Psychology: Human Perception and Performance, 2005, 31, 92-100.	0.9	9
77	Individual differences in working memory capacity predict benefits to memory from intention offloading. Memory, 2022, 30, 77-91.	1.7	9
78	Outsourcing Memory to External Tools: A Review of “Intention Offloading”™. Psychonomic Bulletin and Review, 2023, 30, 60-76.	2.8	9
79	Social and Nonsocial Functions of Rostral Prefrontal Cortex: Implications for Education. Mind, Brain, and Education, 2008, 2, 148-156.	1.9	7
80	Short-Term Fasting Selectively Influences Impulsivity in Healthy Individuals. Frontiers in Psychology, 2020, 11, 1644.	2.1	7
81	Trait anxiety does not correlate with metacognitive confidence or reminder usage in a delayed intentions task. Quarterly Journal of Experimental Psychology, 2021, 74, 634-644.	1.1	7
82	Individual differences in prospective memory. , 2019, , 116-134.		6
83	Neural correlates of task and source switching: Similar or different?. Biological Psychology, 2010, 83, 239-249.	2.2	4
84	Neural representation of current and intended task sets during sequential judgements on human faces. NeuroImage, 2020, 204, 116219.	4.2	3
85	Prefrontal cortical activation associated with prospective memory while walking around a real-world street environment. NeuroImage, 2022, 258, 119392.	4.2	3
86	Improving the post-meal experience of hospitalised patients with eating disorders using visuospatial, verbal and somatic activities. Journal of Eating Disorders, 2016, 4, 9.	2.7	2
87	Neurocomputational Mechanisms of Action-Outcome Prediction in V1. Journal of Vision, 2020, 20, 712.	0.3	1
88	Framing cognitive offloading in terms of gains or losses: achieving a more optimal use of reminders. Cognitive Research: Principles and Implications, 2022, 7, .	2.0	1
89	The dynamics of responsibility judgment: Joint role of causal explanations based on dependence and transference. Philosophical Psychology, 2022, 35, 911-939.	0.9	0
90	The effect of metacognitive training on confidence and strategic reminder setting. , 2020, 15, e0240858.		0

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91	The effect of metacognitive training on confidence and strategic reminder setting. , 2020, 15, e0240858.		0
92	The effect of metacognitive training on confidence and strategic reminder setting. , 2020, 15, e0240858.		0
93	Introducing <i>Oxford Open Neuroscience</i>. , 2022, 1, .		0