

Jeremy R Gray

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

11,719
citations

61984

43
h-index

138484

58
g-index

61
all docs

61
docs citations

61
times ranked

11100
citing authors

#	ARTICLE	IF	CITATIONS
1	Meditation experience is associated with increased cortical thickness. <i>NeuroReport</i> , 2005, 16, 1893-1897.	1.2	1,258
2	Neural mechanisms of general fluid intelligence. <i>Nature Neuroscience</i> , 2003, 6, 316-322.	14.8	950
3	Meditation experience is associated with differences in default mode network activity and connectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 20254-20259.	7.1	945
4	Testing Predictions From Personality Neuroscience. <i>Psychological Science</i> , 2010, 21, 820-828.	3.3	857
5	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, 4115-4120.	7.1	642
6	Neurobiology of intelligence: science and ethics. <i>Nature Reviews Neuroscience</i> , 2004, 5, 471-482.	10.2	427
7	Individual Differences in Delay Discounting. <i>Psychological Science</i> , 2008, 19, 904-911.	3.3	391
8	Implicit learning as an ability. <i>Cognition</i> , 2010, 116, 321-340.	2.2	389
9	Openness to Experience and Intellect Differentially Predict Creative Achievement in the Arts and Sciences. <i>Journal of Personality</i> , 2016, 84, 248-258.	3.2	344
10	Delay discounting and intelligence: A meta-analysis. <i>Intelligence</i> , 2008, 36, 289-305.	3.0	297
11	Emotional modulation of cognitive control: Approachâ€“withdrawal states double-dissociate spatial from verbal two-back task performance.. <i>Journal of Experimental Psychology: General</i> , 2001, 130, 436-452.	2.1	296
12	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.	2.5	282
13	Personality Is Reflected in the Brain's Intrinsic Functional Architecture. <i>PLoS ONE</i> , 2011, 6, e27633.	2.5	254
14	Neural correlates of superior intelligence: Stronger recruitment of posterior parietal cortex. <i>NeuroImage</i> , 2006, 29, 578-586.	4.2	247
15	Using genetic data in cognitive neuroscience: from growing pains to genuine insights. <i>Nature Reviews Neuroscience</i> , 2008, 9, 710-720.	10.2	242
16	Openness to Experience, Intellect, and Cognitive Ability. <i>Journal of Personality Assessment</i> , 2014, 96, 46-52.	2.1	222
17	Intellect as distinct from openness: Differences revealed by fMRI of working memory.. <i>Journal of Personality and Social Psychology</i> , 2009, 97, 883-892.	2.8	207
18	Integration of Emotion and Cognitive Control. <i>Current Directions in Psychological Science</i> , 2004, 13, 46-48.	5.3	206

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19	Multiple Bases of Human Intelligence Revealed by Cortical Thickness and Neural Activation. <i>Journal of Neuroscience</i> , 2008, 28, 10323-10329.	3.6	200
20	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.	2.1	191
21	Connecting Long Distance: Semantic Distance in Analogical Reasoning Modulates Frontopolar Cortex Activity. <i>Cerebral Cortex</i> , 2010, 20, 70-76.	2.9	184
22	Affective personality differences in neural processing efficiency confirmed using fMRI. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2005, 5, 182-190.	2.0	181
23	The nondiscriminating heart: Lovingkindness meditation training decreases implicit intergroup bias.. <i>Journal of Experimental Psychology: General</i> , 2014, 143, 1306-1313.	2.1	173
24	Mindfulness and De-Automatization. <i>Emotion Review</i> , 2013, 5, 192-201.	3.4	165
25	Personality predicts working-memory-related activation in the caudal anterior cingulate cortex. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2002, 2, 64-75.	2.0	146
26	Personality neuroscience: explaining individual differences in affect, behaviour and cognition. , 0, , 323-346.		142
27	A Bias Toward Short-Term Thinking in Threat-Related Negative Emotional States. <i>Personality and Social Psychology Bulletin</i> , 1999, 25, 65-75.	3.0	136
28	Sources of cognitive exploration: Genetic variation in the prefrontal dopamine system predicts Openness/Intellect. <i>Journal of Research in Personality</i> , 2011, 45, 364-371.	1.7	127
29	Neural correlates of creativity in analogical reasoning.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2012, 38, 264-272.	0.9	120
30	Real-time fMRI links subjective experience with brain activity during focused attention. <i>NeuroImage</i> , 2013, 81, 110-118.	4.2	114
31	Thin slices of creativity: Using single-word utterances to assess creative cognition. <i>Behavior Research Methods</i> , 2014, 46, 641-659.	4.0	103
32	Variation in orbitofrontal cortex volume: relation to sex, emotion regulation and affect. <i>Social Cognitive and Affective Neuroscience</i> , 2009, 4, 328-339.	3.0	99
33	Emotional Intelligence predicts individual differences in social exchange reasoning. <i>NeuroImage</i> , 2007, 35, 1385-1391.	4.2	95
34	Individual Differences in Amygdala Activity Predict Response Speed during Working Memory. <i>Journal of Neuroscience</i> , 2006, 26, 10120-10128.	3.6	91
35	Associative learning predicts intelligence above and beyond working memory and processing speed. <i>Intelligence</i> , 2009, 37, 374-382.	3.0	84
36	Threat-Evoked Anxiety Disrupts Spatial Working Memory Performance: An Attentional Account. <i>Cognitive Therapy and Research</i> , 2003, 27, 489-504.	1.9	82

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37	Fluid intelligence and brain functional organization in aging yoga and meditation practitioners. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 76.	3.4	76
38	Frontopolar activity and connectivity support dynamic conscious augmentation of creative state. <i>Human Brain Mapping</i> , 2015, 36, 923-934.	3.6	76
39	The essence of conscious conflict: Subjective effects of sustaining incompatible intentions.. <i>Emotion</i> , 2009, 9, 717-728.	1.8	75
40	General intelligence predicts reasoning ability even for evolutionarily familiar content. <i>Intelligence</i> , 2011, 39, 311-322.	3.0	57
41	Subcortical intelligence: Caudate volume predicts IQ in healthy adults. <i>Human Brain Mapping</i> , 2015, 36, 1407-1416.	3.6	53
42	Sustained neural activity associated with cognitive control during temporally extended decision making. <i>Cognitive Brain Research</i> , 2005, 23, 71-84.	3.0	50
43	The relation between fluid intelligence and self-regulatory depletion. <i>Cognition and Emotion</i> , 2007, 21, 1833-1843.	2.0	49
44	Neural correlates of the essence of conscious conflict: fMRI of sustaining incompatible intentions. <i>Experimental Brain Research</i> , 2013, 229, 453-465.	1.5	49
45	A Geneâ€œBrainâ€œCognition Pathway: Prefrontal Activity Mediates the Effect of COMT on Cognitive Control and IQ. <i>Cerebral Cortex</i> , 2013, 23, 552-559.	2.9	44
46	A Role for the Human Amygdala in Higher Cognition. <i>Reviews in the Neurosciences</i> , 2007, 18, 355-63.	2.9	41
47	An explicit cue improves creative analogical reasoning. <i>Intelligence</i> , 2012, 40, 598-603.	3.0	36
48	PREFRONTAL BRAIN ACTIVITY PREDICTS TEMPORALLY EXTENDED DECISION-MAKING BEHAVIOR. <i>Journal of the Experimental Analysis of Behavior</i> , 2005, 84, 537-554.	1.1	29
49	Interaction of COMT val158met and externalizing behavior: Relation to prefrontal brain activity and behavioral performance. <i>NeuroImage</i> , 2012, 60, 2158-2168.	4.2	27
50	A combined effect of two Alzheimer's risk genes on medial temporal activity during executive attention in young adults. <i>Neuropsychologia</i> , 2014, 56, 1-8.	1.6	26
51	Combining speed and accuracy to assess error-free cognitive processes. <i>Psychometrika</i> , 2005, 70, 405-425.	2.1	25
52	Personality differences in cognitive control? BAS, processing efficiency, and the prefrontal cortex. <i>Journal of Research in Personality</i> , 2004, 38, 35-36.	1.7	20
53	The Head and the Heart: Effects of Understanding and Experiencing Lovingkindness on Attitudes Toward the Self and Others. <i>Mindfulness</i> , 2015, 6, 1063-1070.	2.8	20
54	12. Integration of emotion and cognitive control. <i>Advances in Consciousness Research</i> , 2002, , 289-316.	0.2	19

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55	Exactly how are fluid intelligence, working memory, and executive function related? Cognitive neuroscience approaches to investigating the mechanisms of fluid cognition. Behavioral and Brain Sciences, 2006, 29, 128-129.	0.7	12
56	Does a prosocial-selfish distinction help explain the biological affects? Comment on Buck (1999).. Psychological Review, 2002, 109, 729-738.	3.8	11
57	What about the neural basis of crystallized intelligence?. Behavioral and Brain Sciences, 2007, 30, 159-161.	0.7	11
58	Intelligence moderates neural responses to monetary reward and punishment. Journal of Neurophysiology, 2014, 111, 1823-1832.	1.8	8
59	Neurobiology of intelligence: Health implications?. Discovery Medicine, 2004, 4, 157-62.	0.5	6
60	Cognitive control in altruism and self-control: A social cognitive neuroscience perspective. Behavioral and Brain Sciences, 2002, 25, 260-260.	0.7	0