

# Gregory Mccarthy

## List of Publications by Year in descending order

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105  
papers

22,703  
citations

22153

59  
h-index

33894

99  
g-index

107  
all docs

107  
docs citations

107  
times ranked

16513  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrophysiological Studies of Face Perception in Humans. <i>Journal of Cognitive Neuroscience</i> , 1996, 8, 551-565.	2.3	2,690
2	Social perception from visual cues: role of the STS region. <i>Trends in Cognitive Sciences</i> , 2000, 4, 267-278.	7.8	2,158
3	Magnetic resonance imaging-based measurement of hippocampal volume in posttraumatic stress disorder related to childhood physical and sexual abuse—a preliminary report. <i>Biological Psychiatry</i> , 1997, 41, 23-32.	1.3	1,154
4	Face-Specific Processing in the Human Fusiform Gyrus. <i>Journal of Cognitive Neuroscience</i> , 1997, 9, 605-610.	2.3	1,118
5	Temporal Cortex Activation in Humans Viewing Eye and Mouth Movements. <i>Journal of Neuroscience</i> , 1998, 18, 2188-2199.	3.6	1,005
6	Differential Sensitivity of Human Visual Cortex to Faces, Letterstrings, and Textures: A Functional Magnetic Resonance Imaging Study. <i>Journal of Neuroscience</i> , 1996, 16, 5205-5215.	3.6	929
7	Electrophysiological Studies of Human Face Perception. I: Potentials Generated in Occipitotemporal Cortex by Face and Non-face Stimuli. <i>Cerebral Cortex</i> , 1999, 9, 415-430.	2.9	786
8	Word recognition in the human inferior temporal lobe. <i>Nature</i> , 1994, 372, 260-263.	27.8	759
9	Event-related potentials, lexical decision and semantic priming. <i>Electroencephalography and Clinical Neurophysiology</i> , 1985, 60, 343-355.	0.3	710
10	Brain Systems Mediating Cognitive Interference by Emotional Distraction. <i>Journal of Neuroscience</i> , 2006, 26, 2072-2079.	3.6	629
11	A comparison of automated segmentation and manual tracing for quantifying hippocampal and amygdala volumes. <i>NeuroImage</i> , 2009, 45, 855-866.	4.2	482
12	Human Extrastriate Visual Cortex and the Perception of Faces, Words, Numbers, and Colors. <i>Cerebral Cortex</i> , 1994, 4, 544-554.	2.9	469
13	Grasping the Intentions of Others: The Perceived Intentionality of an Action Influences Activity in the Superior Temporal Sulcus during Social Perception. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 1706-1716.	2.3	429
14	Dissociable prefrontal brain systems for attention and emotion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 11447-11451.	7.1	424
15	Quantitative magnetic resonance imaging in temporal lobe epilepsy: Relationship to neuropathology and neuropsychological function. <i>Annals of Neurology</i> , 1992, 31, 629-637.	5.3	401
16	Neural basis of eye gaze processing deficits in autism. <i>Brain</i> , 2005, 128, 1038-1048.	7.6	381
17	Language-Related ERPs: Scalp Distributions and Modulation by Word Type and Semantic Priming. <i>Journal of Cognitive Neuroscience</i> , 1994, 6, 233-255.	2.3	350
18	Functional Anatomy of Biological Motion Perception in Posterior Temporal Cortex: An fMRI Study of Eye, Mouth and Hand Movements. <i>Cerebral Cortex</i> , 2005, 15, 1866-1876.	2.9	347

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19	Brain activation evoked by perception of gaze shifts: the influence of context. <i>Neuropsychologia</i> , 2003, 41, 156-170.	1.6	317
20	When Strangers Pass. <i>Psychological Science</i> , 2004, 15, 598-603.	3.3	316
21	Brain Activity Evoked by the Perception of Human Walking: Controlling for Meaningful Coherent Motion. <i>Journal of Neuroscience</i> , 2003, 23, 6819-6825.	3.6	297
22	Functional magnetic resonance imaging of sensory and motor cortex: comparison with electrophysiological localization. <i>Journal of Neurosurgery</i> , 1995, 83, 262-270.	1.6	292
23	Dynamic Perception of Facial Affect and Identity in the Human Brain. <i>Cerebral Cortex</i> , 2003, 13, 1023-1033.	2.9	281
24	Deficits in short-term memory in adult survivors of childhood abuse. <i>Psychiatry Research</i> , 1995, 59, 97-107.	3.3	278
25	Polysensory Interactions along Lateral Temporal Regions Evoked by Audiovisual Speech. <i>Cerebral Cortex</i> , 2003, 13, 1034-1043.	2.9	246
26	Eyes first! Eye processing develops before face processing in children. <i>NeuroReport</i> , 2001, 12, 1671-1676.	1.2	239
27	Amygdala Volume Changes in Posttraumatic Stress Disorder in a Large Case-Controlled Veterans Group. <i>Archives of General Psychiatry</i> , 2012, 69, 1169.	12.3	231
28	Altered Resting-State Functional Connectivity of Basolateral and Centromedial Amygdala Complexes in Posttraumatic Stress Disorder. <i>Neuropsychopharmacology</i> , 2014, 39, 351-359.	5.4	230
29	ERP evidence of developmental changes in processing of faces. <i>Clinical Neurophysiology</i> , 1999, 110, 910-915.	1.5	207
30	Principal component analysis of event-related potentials: Simulation studies demonstrate misallocation of variance across components. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1984, 59, 249-260.	2.0	204
31	Reevaluating the Efficacy and Predictability of Antidepressant Treatments. <i>JAMA Psychiatry</i> , 2017, 74, 370.	11.0	203
32	Dissociation of mnemonic and perceptual processes during spatial and nonspatial working memory using fMRI. <i>Human Brain Mapping</i> , 1998, 6, 14-32.	3.6	187
33	Modulation of semantic processing by spatial selective attention. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1993, 88, 210-219.	2.0	179
34	The role of trauma-related distractors on neural systems for working memory and emotion processing in posttraumatic stress disorder. <i>Journal of Psychiatric Research</i> , 2009, 43, 809-817.	3.1	173
35	Prefrontal mechanisms for executive control over emotional distraction are altered in major depression. <i>Psychiatry Research - Neuroimaging</i> , 2008, 163, 143-155.	1.8	172
36	Functional MRI studies of auditory comprehension. , 1998, 6, 1-13.		158

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37	Amygdala-Prefrontal Cortex Functional Connectivity During Threat-Induced Anxiety and Goal Distraction. <i>Biological Psychiatry</i> , 2015, 77, 394-403.	1.3	144
38	Role of the inferior frontal cortex in coping with distracting emotions. <i>NeuroReport</i> , 2006, 17, 1591-1594.	1.2	137
39	The Impact of NMDA Receptor Blockade on Human Working Memory-Related Prefrontal Function and Connectivity. <i>Neuropsychopharmacology</i> , 2013, 38, 2613-2622.	5.4	133
40	Taking an "intentional stance" on eye-gaze shifts: A functional neuroimaging study of social perception in children. <i>NeuroImage</i> , 2005, 27, 247-252.	4.2	126
41	Opposing influences of emotional and non-emotional distracters upon sustained prefrontal cortex activity during a delayed-response working memory task. <i>Neuropsychologia</i> , 2008, 46, 326-335.	1.6	117
42	The Function Biomedical Informatics Research Network Data Repository. <i>NeuroImage</i> , 2016, 124, 1074-1079.	4.2	114
43	Category-Selective Background Connectivity in Ventral Visual Cortex. <i>Cerebral Cortex</i> , 2012, 22, 391-402.	2.9	105
44	Cerebral Vascular Malformations Adjacent to Sensorimotor and Visual Cortex. <i>Stroke</i> , 1997, 28, 1130-1137.	2.0	103
45	Electrophysiological studies of color processing in human visual cortex. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1993, 88, 343-355.	2.0	102
46	Amygdala Activation to Sad Pictures During High-Field (4 Tesla) Functional Magnetic Resonance Imaging. <i>Emotion</i> , 2005, 5, 12-22.	1.8	102
47	Regional brain differences in the effect of distraction during the delay interval of a working memory task. <i>Brain Research</i> , 2007, 1152, 171-181.	2.2	100
48	Brain activation associated with visual motion studied by functional magnetic resonance imaging in humans. <i>Human Brain Mapping</i> , 1994, 2, 234-243.	3.6	89
49	Functional NMR imaging using fast spin echo at 1.5 T. <i>Magnetic Resonance in Medicine</i> , 1994, 31, 686-690.	3.0	80
50	The Relationship of Gamma Oscillations and Face-Specific ERPs Recorded Subdurally from Occipitotemporal Cortex. <i>Cerebral Cortex</i> , 2011, 21, 1213-1221.	2.9	80
51	Bilateral Hippocampal Atrophy in Medial Temporal Lobe Epilepsy. <i>Epilepsia</i> , 1995, 36, 905-910.	5.1	79
52	Probabilistic atlases for face and biological motion perception: An analysis of their reliability and overlap. <i>NeuroImage</i> , 2013, 74, 140-151.	4.2	76
53	Event-Related Potentials Elicited by Deviant Endings to Melodies. <i>Psychophysiology</i> , 1992, 29, 202-206.	2.4	75
54	Comparison of cortical activation evoked by faces measured by intracranial field potentials and functional MRI: Two case studies. , 1997, 5, 298-305.		75

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55	The relation between race-related implicit associations and scalp-recorded neural activity evoked by faces from different races. <i>Social Neuroscience</i> , 2009, 4, 426-442.	1.3	73
56	Selective Attention Modulates Face-Specific Induced Gamma Oscillations Recorded from Ventral Occipitotemporal Cortex. <i>Journal of Neuroscience</i> , 2010, 30, 8780-8786.	3.6	71
57	Occipitotemporal activation evoked by the perception of human bodies is modulated by the presence or absence of the face. <i>Neuropsychologia</i> , 2006, 44, 1919-1927.	1.6	70
58	Depressive State- and Disease-Related Alterations in Neural Responses to Affective and Executive Challenges in Geriatric Depression. <i>American Journal of Psychiatry</i> , 2008, 165, 863-871.	7.2	69
59	Face-Specific Resting Functional Connectivity between the Fusiform Gyrus and Posterior Superior Temporal Sulcus. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 176.	2.0	66
60	Schizophrenia miR-137 Locus Risk Genotype Is Associated with Dorsolateral Prefrontal Cortex Hyperactivation. <i>Biological Psychiatry</i> , 2014, 75, 398-405.	1.3	65
61	Neural Correlates of Opposing Effects of Emotional Distraction on Working Memory and Episodic Memory: An Event-Related fMRI Investigation. <i>Frontiers in Psychology</i> , 2013, 4, 293.	2.1	64
62	Face processing without awareness in the right fusiform gyrus. <i>Neuropsychologia</i> , 2007, 45, 3087-3091.	1.6	62
63	Unconscious Word Processing Engages a Distributed Network of Brain Regions. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 1768-1775.	2.3	59
64	Reading about the actions of others: Biological motion imagery and action congruency influence brain activity. <i>Neuropsychologia</i> , 2010, 48, 1607-1615.	1.6	58
65	Serotonin transporter gene polymorphisms and brain function during emotional distraction from cognitive processing in posttraumatic stress disorder. <i>BMC Psychiatry</i> , 2011, 11, 76.	2.6	53
66	Regional Brain Activation Evoked When Approaching a Virtual Human on a Virtual Walk. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 1744-1752.	2.3	49
67	Functional Heterogeneity and Convergence in the Right Temporoparietal Junction. <i>Cerebral Cortex</i> , 2016, 26, 1108-1116.	2.9	47
68	Electrophysiological correlates of processing faces of younger and older individuals. <i>Social Cognitive and Affective Neuroscience</i> , 2011, 6, 526-535.	3.0	43
69	Controlled scanpath variation alters fusiform face activation. <i>Social Cognitive and Affective Neuroscience</i> , 2007, 2, 31-38.	3.0	41
70	A multi-scanner study of subcortical brain volume abnormalities in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2014, 222, 10-16.	1.8	39
71	A comparison of brain activity evoked by single content and function words: An fMRI investigation of implicit word processing. <i>Brain Research</i> , 2009, 1282, 38-49.	2.2	35
72	The posterior superior temporal sulcus is sensitive to the outcome of human and non-human goal-directed actions. <i>Social Cognitive and Affective Neuroscience</i> , 2011, 6, 602-611.	3.0	35

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73	Attributing intentions to random motion engages the posterior superior temporal sulcus. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 81-87.	3.0	35
74	Reduced Amygdala-Prefrontal Functional Connectivity in Children With Autism Spectrum Disorder and Co-occurring Disruptive Behavior. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 1031-1041.	1.5	35
75	The influence of emotional distraction on verbal working memory: An fMRI investigation comparing individuals with schizophrenia and healthy adults. <i>Journal of Psychiatric Research</i> , 2011, 45, 1184-1193.	3.1	31
76	The Effects of Face Inversion and Face Race on the P100 ERP. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 664-676.	2.3	29
77	Functional Magnetic Resonance Imaging Identifies Abnormal Visual Cortical Function in Patients with Occipital Lobe Epilepsy. <i>Epilepsia</i> , 1999, 40, 1248-1253.	5.1	26
78	Perceived causality influences brain activity evoked by biological motion. <i>Social Neuroscience</i> , 2008, 3, 16-25.	1.3	24
79	Electrophysiological Correlates of Refreshing: Event-related Potentials Associated with Directing Reflective Attention to Face, Scene, or Word Representations. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1823-1839.	2.3	21
80	Goal-Directed Actions Activate the Face-Sensitive Posterior Superior Temporal Sulcus and Fusiform Gyrus in the Absence of Human-Like Perceptual Cues. <i>Cerebral Cortex</i> , 2012, 22, 1098-1106.	2.9	20
81	Perceived animacy influences the processing of human-like surface features in the fusiform gyrus. <i>Neuropsychologia</i> , 2014, 60, 115-120.	1.6	20
82	Acute effects of trauma-focused research procedures on participant safety and distress. <i>Psychiatry Research</i> , 2014, 215, 154-158.	3.3	15
83	Genome-wide association study of subcortical brain volume in PTSD cases and trauma-exposed controls. <i>Translational Psychiatry</i> , 2017, 7, 1265.	4.8	15
84	Reactivation during encoding supports the later discrimination of similar episodic memories. <i>Hippocampus</i> , 2016, 26, 1168-1178.	1.9	14
85	Electrophysiological correlates of face-evoked person knowledge. <i>Biological Psychology</i> , 2016, 118, 136-146.	2.2	13
86	Sex differences in medial prefrontal and parietal cortex structure in children with disruptive behavior. <i>Developmental Cognitive Neuroscience</i> , 2021, 47, 100884.	4.0	13
87	Large-scale functional brain networks of maladaptive childhood aggression identified by connectome-based predictive modeling. <i>Molecular Psychiatry</i> , 2022, 27, 985-999.	7.9	13
88	Faces evoke spatially differentiated patterns of BOLD activation and deactivation. <i>NeuroReport</i> , 2003, 14, 955-959.	1.2	12
89	Stimulus-induced reversal of information flow through a cortical network for animacy perception. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 129-135.	3.0	12
90	Guided saccades modulate object and face-specific activity in the fusiform gyrus. <i>Human Brain Mapping</i> , 2007, 28, 691-702.	3.6	11

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91	Faces evoke spatially differentiated patterns of BOLD activation and deactivation. <i>NeuroReport</i> , 2003, 14, 955-959.	1.2	10
92	Discriminable spatial patterns of activation for faces and bodies in the fusiform gyrus. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 632.	2.0	10
93	Task influences pattern discriminability for faces and bodies in ventral occipitotemporal cortex. <i>Social Neuroscience</i> , 2016, 11, 627-636.	1.3	10
94	Holistic versus feature-based binding in the medial temporal lobe. <i>Cortex</i> , 2017, 91, 56-66.	2.4	10
95	Genetic predictors of hippocampal subfield volume in PTSD cases and trauma-exposed controls. <i>HÅgare Utbildning</i> , 2020, 11, 1785994.	3.0	8
96	Guided saccades modulate face- and body-sensitive activation in the occipitotemporal cortex during social perception. <i>Brain and Cognition</i> , 2008, 67, 254-263.	1.8	6
97	Brain Imaging Investigation of the Impairing Effect of Emotion on Cognition. <i>Journal of Visualized Experiments</i> , 2012, , .	0.3	6
98	Category representations in the brain are both discretely localized and widely distributed. <i>Journal of Neurophysiology</i> , 2018, 119, 2256-2264.	1.8	6
99	Dissociation of mnemonic and perceptual processes during spatial and nonspatial working memory using fMRI. <i>Human Brain Mapping</i> , 1998, 6, 14-32.	3.6	4
100	fMRI signal source analysis using diffusion-weighted spiral-in acquisition. , 2004, 2004, 4417-20.		3
101	Neural regions discriminating contextual information as conveyed through the learned preferences of others. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 492.	2.0	2
102	A functional brain system for face processing revealed by event-related potentials and functional MRI. <i>International Congress Series</i> , 2002, 1226, 3-16.	0.2	1
103	Perceptual and Semantic Phases of Face Identification Processing: A Multivariate Electroencephalography Study. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1827-1839.	2.3	0
104	Neural Mechanisms of Emotional Dysregulation. , 2021, , 3115-3117.		0
105	Neural Mechanisms of Emotional Dysregulation. , 2020, , 1-4.		0