

Gregory Mccarthy

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102 papers	19,534 citations	59 h-index	107 g-index
107 ext. papers	21,179 ext. citations	5.4 avg, IF	6.53 L-index

#	Paper	IF	Citations
102	Electrophysiological Studies of Face Perception in Humans. <i>Journal of Cognitive Neuroscience</i> , 1996 , 8, 551-565	3.1	2285
101	Social perception from visual cues: role of the STS region. <i>Trends in Cognitive Sciences</i> , 2000 , 4, 267-278	14	1871
100	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	7.9	1000
99	Face-specific processing in the human fusiform gyrus. <i>Journal of Cognitive Neuroscience</i> , 1997 , 9, 605-10	3.1	982
98	Temporal cortex activation in humans viewing eye and mouth movements. <i>Journal of Neuroscience</i> , 1998 , 18, 2188-99	6.6	906
97	Differential sensitivity of human visual cortex to faces, letterstrings, and textures: a functional magnetic resonance imaging study. <i>Journal of Neuroscience</i> , 1996 , 16, 5205-15	6.6	817
96	Word recognition in the human inferior temporal lobe. <i>Nature</i> , 1994 , 372, 260-3	50.4	688
95	Electrophysiological studies of human face perception. I: Potentials generated in occipitotemporal cortex by face and non-face stimuli. <i>Cerebral Cortex</i> , 1999 , 9, 415-30	5.1	653
94	Event-related potentials, lexical decision and semantic priming. <i>Electroencephalography and Clinical Neurophysiology</i> , 1985 , 60, 343-55		633
93	Brain systems mediating cognitive interference by emotional distraction. <i>Journal of Neuroscience</i> , 2006 , 26, 2072-9	6.6	558
92	A comparison of automated segmentation and manual tracing for quantifying hippocampal and amygdala volumes. <i>NeuroImage</i> , 2009 , 45, 855-66	7.9	418
91	Human extrastriate visual cortex and the perception of faces, words, numbers, and colors. <i>Cerebral Cortex</i> , 1994 , 4, 544-54	5.1	405
90	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, 1706-16	3.1	382
89	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, 11447-51	11.5	365
88	Quantitative magnetic resonance imaging in temporal lobe epilepsy: relationship to neuropathology and neuropsychological function. <i>Annals of Neurology</i> , 1992 , 31, 629-37	9.4	359
87	Neural basis of eye gaze processing deficits in autism. <i>Brain</i> , 2005 , 128, 1038-48	11.2	329
86	Language-Related ERPs: Scalp Distributions and Modulation by Word Type and Semantic Priming. <i>Journal of Cognitive Neuroscience</i> , 1994 , 6, 233-55	3.1	321

85	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, 1866-76	5.1	305
84	Brain activation evoked by perception of gaze shifts: the influence of context. <i>Neuropsychologia</i> , 2003 , 41, 156-70	3.2	291
83	When strangers pass: processing of mutual and averted social gaze in the superior temporal sulcus. <i>Psychological Science</i> , 2004 , 15, 598-603	7.9	281
82	Brain activity evoked by the perception of human walking: controlling for meaningful coherent motion. <i>Journal of Neuroscience</i> , 2003 , 23, 6819-25	6.6	254
81	Deficits in short-term memory in adult survivors of childhood abuse. <i>Psychiatry Research</i> , 1995 , 59, 97-107	3.9	245
80	Functional magnetic resonance imaging of sensory and motor cortex: comparison with electrophysiological localization. <i>Journal of Neurosurgery</i> , 1995 , 83, 262-70	3.2	244
79	Dynamic perception of facial affect and identity in the human brain. <i>Cerebral Cortex</i> , 2003 , 13, 1023-33	5.1	241
78	Polysensory interactions along lateral temporal regions evoked by audiovisual speech. <i>Cerebral Cortex</i> , 2003 , 13, 1034-43	5.1	215
77	Eyes first! Eye processing develops before face processing in children. <i>NeuroReport</i> , 2001 , 12, 1671-6	1.7	210
76	Altered resting-state functional connectivity of basolateral and centromedial amygdala complexes in posttraumatic stress disorder. <i>Neuropsychopharmacology</i> , 2014 , 39, 351-9	8.7	189
75	Amygdala volume changes in posttraumatic stress disorder in a large case-controlled veterans group. <i>Archives of General Psychiatry</i> , 2012 , 69, 1169-78		186
74	ERP evidence of developmental changes in processing of faces. <i>Clinical Neurophysiology</i> , 1999 , 110, 910-5	4.3	183
73	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, 249-60		178
72	Dissociation of mnemonic and perceptual processes during spatial and nonspatial working memory using fMRI. <i>Human Brain Mapping</i> , 1998 , 6, 14-32	5.9	154
71	Prefrontal mechanisms for executive control over emotional distraction are altered in major depression. <i>Psychiatry Research - Neuroimaging</i> , 2008 , 163, 143-55	2.9	153
70	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, 809-17	5.2	150
69	Modulation of semantic processing by spatial selective attention. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1993 , 88, 210-9		142
68	Reevaluating the Efficacy and Predictability of Antidepressant Treatments: A Symptom Clustering Approach. <i>JAMA Psychiatry</i> , 2017 , 74, 370-378	14.5	135

67	Role of the inferior frontal cortex in coping with distracting emotions. <i>NeuroReport</i> , 2006 , 17, 1591-4	1.7	129
66	Functional MRI studies of auditory comprehension. <i>Human Brain Mapping</i> , 1998 , 6, 1-13	5.9	124
65	Taking an "intentional stance" on eye-gaze shifts: a functional neuroimaging study of social perception in children. <i>NeuroImage</i> , 2005 , 27, 247-52	7.9	118
64	Amygdala-prefrontal cortex functional connectivity during threat-induced anxiety and goal distraction. <i>Biological Psychiatry</i> , 2015 , 77, 394-403	7.9	114
63	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, 326-35	3.2	107
62	The impact of NMDA receptor blockade on human working memory-related prefrontal function and connectivity. <i>Neuropsychopharmacology</i> , 2013 , 38, 2613-22	8.7	98
61	Amygdala activation to sad pictures during high-field (4 tesla) functional magnetic resonance imaging. <i>Emotion</i> , 2005 , 5, 12-22	4.1	96
60	Cerebral vascular malformations adjacent to sensorimotor and visual cortex. Functional magnetic resonance imaging studies before and after therapeutic intervention. <i>Stroke</i> , 1997 , 28, 1130-7	6.7	88
59	Regional brain differences in the effect of distraction during the delay interval of a working memory task. <i>Brain Research</i> , 2007 , 1152, 171-81	3.7	85
58	Electrophysiological studies of color processing in human visual cortex. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1993 , 88, 343-55		75
57	Functional NMR imaging using fast spin echo at 1.5 T. <i>Magnetic Resonance in Medicine</i> , 1994 , 31, 686-90	4.4	74
56	Bilateral hippocampal atrophy in medial temporal lobe epilepsy. <i>Epilepsia</i> , 1995 , 36, 905-10	6.4	72
55	Category-selective background connectivity in ventral visual cortex. <i>Cerebral Cortex</i> , 2012 , 22, 391-402	5.1	69
54	Brain activation associated with visual motion studied by functional magnetic resonance imaging in humans. <i>Human Brain Mapping</i> , 1994 , 2, 234-243	5.9	69
53	Selective attention modulates face-specific induced gamma oscillations recorded from ventral occipitotemporal cortex. <i>Journal of Neuroscience</i> , 2010 , 30, 8780-6	6.6	67
52	The relationship of β oscillations and face-specific ERPs recorded subdurally from occipitotemporal cortex. <i>Cerebral Cortex</i> , 2011 , 21, 1213-21	5.1	67
51	Occipitotemporal activation evoked by the perception of human bodies is modulated by the presence or absence of the face. <i>Neuropsychologia</i> , 2006 , 44, 1919-27	3.2	67
50	Event-related potentials elicited by deviant endings to melodies. <i>Psychophysiology</i> , 1992 , 29, 202-6	4.1	67

49	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, 863-71	11.9	63
48	Comparison of cortical activation evoked by faces measured by intracranial field potentials and functional MRI: two case studies. <i>Human Brain Mapping</i> , 1997 , 5, 298-305	5.9	62
47	Schizophrenia miR-137 locus risk genotype is associated with dorsolateral prefrontal cortex hyperactivation. <i>Biological Psychiatry</i> , 2014 , 75, 398-405	7.9	59
46	Probabilistic atlases for face and biological motion perception: an analysis of their reliability and overlap. <i>NeuroImage</i> , 2013 , 74, 140-51	7.9	59
45	Face-Specific Resting Functional Connectivity between the Fusiform Gyrus and Posterior Superior Temporal Sulcus. <i>Frontiers in Human Neuroscience</i> , 2010 , 4, 176	3.3	59
44	The relation between race-related implicit associations and scalp-recorded neural activity evoked by faces from different races. <i>Social Neuroscience</i> , 2009 , 4, 426-42	2	59
43	Unconscious word processing engages a distributed network of brain regions. <i>Journal of Cognitive Neuroscience</i> , 2007 , 19, 1768-75	3.1	55
42	The Function Biomedical Informatics Research Network Data Repository. <i>NeuroImage</i> , 2016 , 124, 1074-1079	10.9	53
41	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	3.4	51
40	Reading about the actions of others: biological motion imagery and action congruency influence brain activity. <i>Neuropsychologia</i> , 2010 , 48, 1607-15	3.2	49
39	Serotonin transporter gene polymorphisms and brain function during emotional distraction from cognitive processing in posttraumatic stress disorder. <i>BMC Psychiatry</i> , 2011 , 11, 76	4.2	46
38	Regional brain activation evoked when approaching a virtual human on a virtual walk. <i>Journal of Cognitive Neuroscience</i> , 2005 , 17, 1744-52	3.1	45
37	Face processing without awareness in the right fusiform gyrus. <i>Neuropsychologia</i> , 2007 , 45, 3087-91	3.2	44
36	Electrophysiological correlates of processing faces of younger and older individuals. <i>Social Cognitive and Affective Neuroscience</i> , 2011 , 6, 526-35	4	39
35	Functional Heterogeneity and Convergence in the Right Temporoparietal Junction. <i>Cerebral Cortex</i> , 2016 , 26, 1108-1116	5.1	37
34	Controlled scanpath variation alters fusiform face activation. <i>Social Cognitive and Affective Neuroscience</i> , 2007 , 2, 31-8	4	34
33	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	3.7	33
32	A multi-scanner study of subcortical brain volume abnormalities in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2014 , 222, 10-6	2.9	30

31	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, 1184-93	5.2	29
30	Attributing intentions to random motion engages the posterior superior temporal sulcus. <i>Social Cognitive and Affective Neuroscience</i> , 2014 , 9, 81-7	4	28
29	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, 602-11	4	24
28	Functional magnetic resonance imaging identifies abnormal visual cortical function in patients with occipital lobe epilepsy. <i>Epilepsia</i> , 1999 , 40, 1248-53	6.4	23
27	Perceived causality influences brain activity evoked by biological motion. <i>Social Neuroscience</i> , 2008 , 3, 16-25	2	22
26	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	3.4	20
25	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, 1823-39	3.1	18
24	Perceived animacy influences the processing of human-like surface features in the fusiform gyrus. <i>Neuropsychologia</i> , 2014 , 60, 115-20	3.2	17
23	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, 1098-106	5.1	17
22	The Effects of Face Inversion and Face Race on the P100 ERP. <i>Journal of Cognitive Neuroscience</i> , 2017 , 29, 664-676	3.1	16
21	Genome-wide association study of subcortical brain volume in PTSD cases and trauma-exposed controls. <i>Translational Psychiatry</i> , 2017 , 7, 1265	8.6	14
20	Faces evoke spatially differentiated patterns of BOLD activation and deactivation. <i>NeuroReport</i> , 2003 , 14, 955-959	1.7	12
19	Acute effects of trauma-focused research procedures on participant safety and distress. <i>Psychiatry Research</i> , 2014 , 215, 154-8	9.9	11
18	Electrophysiological correlates of face-evoked person knowledge. <i>Biological Psychology</i> , 2016 , 118, 136-146	3.46	10
17	Guided saccades modulate object and face-specific activity in the fusiform gyrus. <i>Human Brain Mapping</i> , 2007 , 28, 691-702	5.9	10
16	Stimulus-induced reversal of information flow through a cortical network for animacy perception. <i>Social Cognitive and Affective Neuroscience</i> , 2015 , 10, 129-35	4	9
15	Reactivation during encoding supports the later discrimination of similar episodic memories. <i>Hippocampus</i> , 2016 , 26, 1168-78	3.5	9
14	Discriminable spatial patterns of activation for faces and bodies in the fusiform gyrus. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 632	3.3	8

13	Faces evoke spatially differentiated patterns of BOLD activation and deactivation. <i>NeuroReport</i> , 2003 , 14, 955-9	1.7	7
12	Holistic versus feature-based binding in the medial temporal lobe. <i>Cortex</i> , 2017 , 91, 56-66	3.8	6
11	Brain imaging investigation of the impairing effect of emotion on cognition. <i>Journal of Visualized Experiments</i> , 2012 ,	1.6	6
10	Guided saccades modulate face- and body-sensitive activation in the occipitotemporal cortex during social perception. <i>Brain and Cognition</i> , 2008 , 67, 254-63	2.7	6
9	Task influences pattern discriminability for faces and bodies in ventral occipitotemporal cortex. <i>Social Neuroscience</i> , 2016 , 11, 627-36	2	5
8	Dissociation of mnemonic and perceptual processes during spatial and nonspatial working memory using fMRI 1998 , 6, 14		4
7	Genetic predictors of hippocampal subfield volume in PTSD cases and trauma-exposed controls. <i>Høgre Utbildning</i> , 2020 , 11, 1785994	5	3
6	Sex differences in medial prefrontal and parietal cortex structure in children with disruptive behavior. <i>Developmental Cognitive Neuroscience</i> , 2021 , 47, 100884	5.5	3
5	Category representations in the brain are both discretely localized and widely distributed. <i>Journal of Neurophysiology</i> , 2018 , 119, 2256-2264	3.2	2
4	FMRI signal source analysis using diffusion-weighted spiral-in acquisition. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2004 , 2004, 4417-20		2
3	Neural regions discriminating contextual information as conveyed through the learned preferences of others. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 492	3.3	1
2	A functional brain system for face processing revealed by event-related potentials and functional MRI. <i>International Congress Series</i> , 2002 , 1226, 3-16		1
1	Perceptual and Semantic Phases of Face Identification Processing: A Multivariate Electroencephalography Study. <i>Journal of Cognitive Neuroscience</i> , 2019 , 31, 1827-1839	3.1	