

# Marcus A Gray

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

5,519  
citations

126708

33  
h-index

155451

55  
g-index

59  
all docs

59  
docs citations

59  
times ranked

7471  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Depression and Antidepressant Treatment on Heart Rate Variability: A Review and Meta-Analysis. <i>Biological Psychiatry</i> , 2010, 67, 1067-1074.	0.7	984
2	Inflammation Causes Mood Changes Through Alterations in Subgenual Cingulate Activity and Mesolimbic Connectivity. <i>Biological Psychiatry</i> , 2009, 66, 407-414.	0.7	629
3	From Threat to Fear: The Neural Organization of Defensive Fear Systems in Humans. <i>Journal of Neuroscience</i> , 2009, 29, 12236-12243.	1.7	384
4	Neural Origins of Human Sickness in Interoceptive Responses to Inflammation. <i>Biological Psychiatry</i> , 2009, 66, 415-422.	0.7	290
5	Fear from the Heart: Sensitivity to Fear Stimuli Depends on Individual Heartbeats. <i>Journal of Neuroscience</i> , 2014, 34, 6573-6582.	1.7	255
6	The Embodiment of Emotional Feelings in the Brain. <i>Journal of Neuroscience</i> , 2010, 30, 12878-12884.	1.7	247
7	A cortical potential reflecting cardiac function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6818-6823.	3.3	181
8	Interoceptive Basis to Craving. <i>Neuron</i> , 2007, 54, 183-186.	3.8	165
9	Following One's Heart: Cardiac Rhythms Gate Central Initiation of Sympathetic Reflexes. <i>Journal of Neuroscience</i> , 2009, 29, 1817-1825.	1.7	152
10	Emotional appraisal is influenced by cardiac afferent information.. <i>Emotion</i> , 2012, 12, 180-191.	1.5	134
11	Dissecting axes of autonomic control in humans: Insights from neuroimaging. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011, 161, 34-42.	1.4	132
12	Modulation of Emotional Appraisal by False Physiological Feedback during fMRI. <i>PLoS ONE</i> , 2007, 2, e546.	1.1	124
13	The acute effects of L-theanine in comparison with alprazolam on anticipatory anxiety in humans. <i>Human Psychopharmacology</i> , 2004, 19, 457-465.	0.7	119
14	Emotional valence and arousal affect reading in an interactive way: Neuroimaging evidence for an approach-withdrawal framework. <i>Neuropsychologia</i> , 2014, 56, 79-89.	0.7	113
15	Autism Attenuates Sex Differences in Brain Structure: A Combined Voxel-Based Morphometry and Diffusion Tensor Imaging Study. <i>American Journal of Neuroradiology</i> , 2012, 33, 83-89.	1.2	92
16	Augmentation of serotonin enhances pleasant and suppresses unpleasant cortical electrophysiological responses to visual emotional stimuli in humans. <i>NeuroImage</i> , 2004, 22, 1084-1096.	2.1	84
17	Steady-State Visually Evoked Potential Topography during Processing of Emotional Valence in Healthy Subjects. <i>NeuroImage</i> , 2002, 17, 1684-1692.	2.1	81
18	Automated differentiation of pre-diagnosis Huntington's disease from healthy control individuals based on quadratic discriminant analysis of the basal ganglia: The IMAGE-HD study. <i>Neurobiology of Disease</i> , 2013, 51, 82-92.	2.1	80

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19	Brain structure and joint hypermobility: Relevance to the expression of psychiatric symptoms. <i>British Journal of Psychiatry</i> , 2012, 200, 508-509.	1.7	77
20	Unique Brain Areas Associated with Abstinence Control Are Damaged in Multiply Detoxified Alcoholics. <i>Biological Psychiatry</i> , 2011, 70, 545-552.	0.7	74
21	Multi-Modal Neuroimaging in Premanifest and Early Huntington's Disease: 18 Month Longitudinal Data from the IMAGE-HD Study. <i>PLoS ONE</i> , 2013, 8, e74131.	1.1	74
22	Slow Breathing and Hypoxic Challenge: Cardiorespiratory Consequences and Their Central Neural Substrates. <i>PLoS ONE</i> , 2015, 10, e0127082.	1.1	70
23	Cortical neurophysiology of anticipatory anxiety: an investigation utilizing steady state probe topography (SSPT). <i>NeuroImage</i> , 2003, 20, 975-986.	2.1	67
24	Sex Differences and Autism: Brain Function during Verbal Fluency and Mental Rotation. <i>PLoS ONE</i> , 2012, 7, e38355.	1.1	61
25	Functional changes during working memory in Huntington's disease: 30-month longitudinal data from the IMAGE-HD study. <i>Brain Structure and Function</i> , 2015, 220, 501-512.	1.2	61
26	Baroreceptor activation attenuates attentional effects on pain-evoked potentials. <i>Pain</i> , 2010, 151, 853-861.	2.0	60
27	Functional and connectivity changes during working memory in Huntington's disease: 18 month longitudinal data from the IMAGE-HD study. <i>Brain and Cognition</i> , 2013, 83, 80-91.	0.8	57
28	Altered functional connectivity in mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2017, 137, 45-52.	0.8	54
29	Physiological recordings: Basic concepts and implementation during functional magnetic resonance imaging. <i>NeuroImage</i> , 2009, 47, 1105-1115.	2.1	52
30	Drug-induced modification of the system properties associated with spontaneous human electroencephalographic activity. <i>Physical Review E</i> , 2003, 68, 051906.	0.8	49
31	Dynamic pupillary exchange engages brain regions encoding social salience. <i>Social Neuroscience</i> , 2009, 4, 233-243.	0.7	44
32	Anti-TNF $\alpha$ therapy in IBD alters brain activity reflecting visceral sensory function and cognitive-affective biases. <i>PLoS ONE</i> , 2018, 13, e0193542.	1.1	42
33	Interaction of Activation-Repolarization Coupling and Restitution Properties in Humans. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2009, 2, 162-170.	2.1	39
34	Vulnerability to simple faints is predicted by regional differences in brain anatomy. <i>NeuroImage</i> , 2009, 47, 937-945.	2.1	34
35	Abnormalities in fronto-striatal connectivity within language networks relate to differences in grey-matter heterogeneity in Asperger syndrome. <i>NeuroImage: Clinical</i> , 2013, 2, 716-726.	1.4	34
36	The neural basis of illusory gustatory sensations: Two rare cases of lexical "gustatory synaesthesia. <i>Journal of Neuropsychology</i> , 2011, 5, 243-254.	0.6	31

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37	Structural brain abnormalities in postural tachycardia syndrome: A VBM-DARTEL study. <i>Frontiers in Neuroscience</i> , 2015, 9, 34.	1.4	30
38	Emotional modulation of visual cortex activity: a functional near-infrared spectroscopy study. <i>NeuroReport</i> , 2009, 20, 1344-1350.	0.6	28
39	fMRI Scanner Noise Interaction with Affective Neural Processes. <i>PLoS ONE</i> , 2013, 8, e80564.	1.1	28
40	Longitudinal changes in the fronto-striatal network are associated with executive dysfunction and behavioral dysregulation in Huntington's disease: 30 months IMAGE-HD data. <i>Cortex</i> , 2017, 92, 139-149.	1.1	27
41	Acute effects of nicotine administration during prospective memory, an event related fMRI study. <i>Neuropsychologia</i> , 2011, 49, 2362-2368.	0.7	25
42	Emotion perception and electrophysiological correlates in Huntington's disease. <i>Clinical Neurophysiology</i> , 2014, 125, 1618-1625.	0.7	21
43	Neuroanatomical substrates for the volitional regulation of heart rate. <i>Frontiers in Psychology</i> , 2015, 06, 300.	1.1	21
44	APOE E4 Carriers Show Prospective Memory Enhancement Under Nicotine, and Evidence for Specialisation Within Medial BA10. <i>Neuropsychopharmacology</i> , 2013, 38, 655-663.	2.8	19
45	Is Heart Rate Variability Reduced in Depression Without Cardiovascular Disease?. <i>Biological Psychiatry</i> , 2011, 69, e3-e4.	0.7	18
46	Acute tryptophan depletion attenuates conscious appraisal of social emotional signals in healthy female volunteers. <i>Psychopharmacology</i> , 2011, 213, 603-613.	1.5	18
47	Gray matter textural heterogeneity as a potential in-vivo biomarker of fine structural abnormalities in Asperger syndrome. <i>Pharmacogenomics Journal</i> , 2013, 13, 70-79.	0.9	17
48	Superficial amygdala and hippocampal activity during affective music listening observed at 3 T but not 1.5 T fMRI. <i>NeuroImage</i> , 2014, 101, 364-369.	2.1	10
49	Nicotine effects on attentional reorienting in mid-age adults, and interactions with apolipoprotein E status. <i>Journal of Psychopharmacology</i> , 2013, 27, 1007-1014.	2.0	8
50	Identification of Pre-Spike Network in Patients with Mesial Temporal Lobe Epilepsy. <i>Frontiers in Neurology</i> , 2014, 5, 222.	1.1	7
51	Improving the Quality of Bowel Preparation: Rewarding Patients for Success or Intensive Patient Education?. <i>Digestive Diseases</i> , 2021, 39, 113-118.	0.8	5
52	The Neuropharmacology of L-Theanine(N-Ethyl-L-Glutamine). <i>Journal of Herbal Pharmacotherapy: Innovations in Clinical and Applied Evidence-based Herbal Medicinals</i> , 2006, 6, 21-30.	0.1	5
53	Gut Inflammation: More Than a Peripheral Annoyance. <i>Digestive Diseases and Sciences</i> , 2017, 62, 2205-2207.	1.1	3
54	Routine assessment of gastrointestinal symptom using a validated questionnaire in the clinical setting to assess the probability of organic or functional gastrointestinal diseases. <i>Neurogastroenterology and Motility</i> , 2021, 33, e14091.	1.6	2

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55	Emotional Valence and Arousal Affect Word Recognition in an Interactive Way: Neural Evidence for an Integrated Approach- Withdrawal Framework. Procedia, Social and Behavioral Sciences, 2011, 23, 156-157.	0.5	1
56	Applications of Neuroimaging in Behavioral Medicine. , 2010, , 783-802.		0
57	Neuroimaging Methods in Behavioral Medicine. , 2010, , 769-781.		0
58	Brain Imaging of Stress and Cardiovascular Responses. , 2011, , 129-148.		0