

Tom Johnstone

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

10,960
citations

76294

40
h-index

118793

62
g-index

64
all docs

64
docs citations

64
times ranked

12265
citing authors

#	ARTICLE	IF	CITATIONS
1	Gaze fixation and the neural circuitry of face processing in autism. <i>Nature Neuroscience</i> , 2005, 8, 519-526.	7.1	1,274
2	Amygdala and Ventromedial Prefrontal Cortex Are Inversely Coupled during Regulation of Negative Affect and Predict the Diurnal Pattern of Cortisol Secretion among Older Adults. <i>Journal of Neuroscience</i> , 2006, 26, 4415-4425.	1.7	938
3	Failure to Regulate: Counterproductive Recruitment of Top-Down Prefrontal-Subcortical Circuitry in Major Depression. <i>Journal of Neuroscience</i> , 2007, 27, 8877-8884.	1.7	878
4	Human Amygdala Responsivity to Masked Fearful Eye Whites. <i>Science</i> , 2004, 306, 2061-2061.	6.0	636
5	Regulation of the Neural Circuitry of Emotion by Compassion Meditation: Effects of Meditative Expertise. <i>PLoS ONE</i> , 2008, 3, e1897.	1.1	636
6	Variability in the analysis of a single neuroimaging dataset by many teams. <i>Nature</i> , 2020, 582, 84-88.	13.7	634
7	Reduced capacity to sustain positive emotion in major depression reflects diminished maintenance of fronto-striatal brain activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22445-22450.	3.3	383
8	Contextual Modulation of Amygdala Responsivity to Surprised Faces. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 1730-1745.	1.1	355
9	Inverse amygdala and medial prefrontal cortex responses to surprised faces. <i>NeuroReport</i> , 2003, 14, 2317-2322.	0.6	321
10	Anticipatory Activation in the Amygdala and Anterior Cingulate in Generalized Anxiety Disorder and Prediction of Treatment Response. <i>American Journal of Psychiatry</i> , 2009, 166, 302-310.	4.0	317
11	Motion correction and the use of motion covariates in multiple-subject fMRI analysis. <i>Human Brain Mapping</i> , 2006, 27, 779-788.	1.9	305
12	Amygdala Volume and Nonverbal Social Impairment in Adolescent and Adult Males With Autism. <i>Archives of General Psychiatry</i> , 2006, 63, 1417-28.	13.8	259
13	Human amygdala responses during presentation of happy and neutral faces: correlations with state anxiety. <i>Biological Psychiatry</i> , 2004, 55, 897-903.	0.7	238
14	Integrating VBM into the General Linear Model with voxelwise anatomical covariates. <i>NeuroImage</i> , 2007, 34, 500-508.	2.1	238
15	Gaze fixations predict brain activation during the voluntary regulation of picture-induced negative affect. <i>NeuroImage</i> , 2007, 36, 1041-1055.	2.1	235
16	Perceived Controllability Modulates the Neural Response to Pain. <i>Journal of Neuroscience</i> , 2004, 24, 7199-7203.	1.7	212
17	Individual Differences in the Effects of Perceived Controllability on Pain Perception: Critical Role of the Prefrontal Cortex. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 993-1003.	1.1	200
18	From The Cover: Neural circuitry underlying the interaction between emotion and asthma symptom exacerbation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 13319-13324.	3.3	192

#	ARTICLE	IF	CITATIONS
19	A Functional Magnetic Resonance Imaging Predictor of Treatment Response to Venlafaxine in Generalized Anxiety Disorder. <i>Biological Psychiatry</i> , 2008, 63, 858-863.	0.7	191
20	Comparison of fMRI motion correction software tools. <i>NeuroImage</i> , 2005, 28, 529-543.	2.1	163
21	Individual Differences in Amygdala and Ventromedial Prefrontal Cortex Activity are Associated with Evaluation Speed and Psychological Well-being. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 237-248.	1.1	160
22	Individual differences in some (but not all) medial prefrontal regions reflect cognitive demand while regulating unpleasant emotion. <i>NeuroImage</i> , 2009, 47, 852-863.	2.1	160
23	In an Absolute State: Elevated Use of Absolutist Words Is a Marker Specific to Anxiety, Depression, and Suicidal Ideation. <i>Clinical Psychological Science</i> , 2018, 6, 529-542.	2.4	159
24	Stability of amygdala BOLD response to fearful faces over multiple scan sessions. <i>NeuroImage</i> , 2005, 25, 1112-1123.	2.1	146
25	The voice of emotion: an FMRI study of neural responses to angry and happy vocal expressions. <i>Social Cognitive and Affective Neuroscience</i> , 2006, 1, 242-249.	1.5	144
26	Relationships Between Changes in Sustained Fronto-Striatal Connectivity and Positive Affect in Major Depression Resulting From Antidepressant Treatment. <i>American Journal of Psychiatry</i> , 2013, 170, 197-206.	4.0	140
27	Psychophysiological responses to appraisal dimensions in a computer game. <i>Cognition and Emotion</i> , 2004, 18, 663-688.	1.2	125
28	Making an effort to feel positive: insecure attachment in infancy predicts the neural underpinnings of emotion regulation in adulthood. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2014, 55, 999-1008.	3.1	106
29	Regional Response Differences Across the Human Amygdaloid Complex during Social Conditioning. <i>Cerebral Cortex</i> , 2010, 20, 612-621.	1.6	92
30	Insecure attachment during infancy predicts greater amygdala volumes in early adulthood. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 540-548.	3.1	92
31	Grey Matter Volume in the Cerebellum is Related to the Processing of Grammatical Rules in a Second Language: A Structural Voxel-based Morphometry Study. <i>Cerebellum</i> , 2014, 13, 55-63.	1.4	87
32	Reduced Right Ventrolateral Prefrontal Cortex Activity While Inhibiting Positive Affect Is Associated with Improvement in Hedonic Capacity After 8 Weeks of Antidepressant Treatment in Major Depressive Disorder. <i>Biological Psychiatry</i> , 2011, 70, 962-968.	0.7	82
33	How reward modulates mimicry: <scp>EMG</scp> evidence of greater facial mimicry of more rewarding happy faces. <i>Psychophysiology</i> , 2012, 49, 998-1004.	1.2	76
34	Increased Prefrontal Cortex Activity During Negative Emotion Regulation as a Predictor of Depression Symptom Severity Trajectory Over 6 Months. <i>JAMA Psychiatry</i> , 2013, 70, 1181.	6.0	74
35	Sweet taste pleasantness is modulated by morphine and naltrexone. <i>Psychopharmacology</i> , 2016, 233, 3711-3723.	1.5	61
36	Dynamic Causal Modeling applied to fMRI data shows high reliability. <i>NeuroImage</i> , 2010, 49, 603-611.	2.1	58

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37	Prefrontal social cognition network dysfunction underlying face encoding and social anxiety in fragile X syndrome. <i>NeuroImage</i> , 2008, 43, 592-604.	2.1	48
38	fMRI Evidence for the Involvement of the Procedural Memory System in Morphological Processing of a Second Language. <i>PLoS ONE</i> , 2014, 9, e97298.	1.1	46
39	Prefrontal inhibition of threat processing reduces working memory interference. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 228.	1.0	45
40	Neural Emotion Regulation Circuitry Underlying Anxiolytic Effects of Perceived Control over Pain. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 222-233.	1.1	44
41	Affective Speech Elicited With a Computer Game.. <i>Emotion</i> , 2005, 5, 513-518.	1.5	42
42	Whole-brain functional connectivity during emotional word classification in medication-free Major Depressive Disorder: Abnormal salience circuitry and relations to positive emotionality. <i>NeuroImage: Clinical</i> , 2013, 2, 790-796.	1.4	30
43	Neural Competition for Conscious Representation across Time: An fMRI Study. <i>PLoS ONE</i> , 2010, 5, e10556.	1.1	29
44	The effects of difficulty and gain versus loss on vocal physiology and acoustics. <i>Psychophysiology</i> , 2007, 44, 827-837.	1.2	27
45	Autistic traits modulate frontostriatal connectivity during processing of rewarding faces. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 2010-2016.	1.5	27
46	Sliding-window analysis tracks fluctuations in amygdala functional connectivity associated with physiological arousal and vigilance during fear conditioning. <i>NeuroImage</i> , 2017, 153, 168-178.	2.1	26
47	Amygdala volume and hypothalamic-pituitary-adrenal axis reactivity to social stress. <i>Psychoneuroendocrinology</i> , 2017, 85, 96-99.	1.3	24
48	An fMRI study on the processing of long-distance wh-movement in a second language. <i>Glossa</i> , 2017, 2, .	0.2	24
49	Speaker verification with elicited speaking styles in the VeriVox project. <i>Speech Communication</i> , 2000, 31, 121-129.	1.6	22
50	Sex-Specific Effects of Gender Identification on Pain Study Recruitment. <i>Journal of Pain</i> , 2018, 19, 178-185.	0.7	19
51	Turning on the alarm: The neural mechanisms of the transition from innocuous to painful sensation. <i>NeuroImage</i> , 2012, 59, 1594-1601.	2.1	18
52	Inter-slice leakage and intra-slice aliasing in simultaneous multi-slice echo-planar images. <i>Brain Structure and Function</i> , 2020, 225, 1153-1158.	1.2	17
53	Intolerance of uncertainty, and not social anxiety, is associated with compromised extinction of social threat. <i>Behaviour Research and Therapy</i> , 2021, 139, 103818.	1.6	16
54	Simultaneous EEG-fMRI reveals attention-dependent coupling of early face processing with a distributed cortical network. <i>Biological Psychology</i> , 2018, 132, 133-142.	1.1	15

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55	Social domain based modulation of neural responses to threat: The different roles of romantic partners versus friends. <i>Social Neuroscience</i> , 2019, 14, 398-408.	0.7	13
56	Rapid Neural Representations of Personally Relevant Faces. <i>Cerebral Cortex</i> , 2021, 31, 4699-4708.	1.6	12
57	Efficient modeling and inference for event-related fMRI data. <i>Computational Statistics and Data Analysis</i> , 2008, 52, 4859-4871.	0.7	10
58	Linguistic markers of moderate and absolute natural language. <i>Personality and Individual Differences</i> , 2018, 134, 119-124.	1.6	10
59	Functional MRI Responses of the Human Dorsal Amygdala/Substantia Innominata Region to Facial Expressions of Emotion. <i>Annals of the New York Academy of Sciences</i> , 2003, 985, 533-535.	1.8	8
60	Intolerance of uncertainty is associated with heightened responding in the prefrontal cortex during cue-signalled uncertainty of threat. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2022, 22, 88-98.	1.0	8
61	Altered engagement of autobiographical memory networks in adult offspring of postnatally depressed mothers. <i>Biological Psychology</i> , 2016, 118, 147-153.	1.1	4
62	Selective extinction through cognitive evaluation: Linking emotion regulation and extinction. <i>European Journal of Neuroscience</i> , 2020, 52, 2873-2888.	1.2	2