

Paul J Whalen

List of Publications by Citations

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69
papers

15,777
citations

45
h-index

73
g-index

73
ext. papers

16,878
ext. citations

5.6
avg, IF

6.24
L-index

#	Paper	IF	Citations
69	Masked presentations of emotional facial expressions modulate amygdala activity without explicit knowledge. <i>Journal of Neuroscience</i> , 1998 , 18, 411-8	6.6	1807
68	Response and habituation of the human amygdala during visual processing of facial expression. <i>Neuron</i> , 1996 , 17, 875-87	13.9	1424
67	Exaggerated amygdala response to masked facial stimuli in posttraumatic stress disorder: a functional MRI study. <i>Biological Psychiatry</i> , 2000 , 47, 769-76	7.9	923
66	A functional magnetic resonance imaging study of amygdala and medial prefrontal cortex responses to overtly presented fearful faces in posttraumatic stress disorder. <i>Archives of General Psychiatry</i> , 2005 , 62, 273-81		736
65	Fear, Vigilance, and Ambiguity: Initial Neuroimaging Studies of the Human Amygdala. <i>Current Directions in Psychological Science</i> , 1998 , 7, 177-188	6.5	691
64	Anterior cingulate cortex dysfunction in attention-deficit/hyperactivity disorder revealed by fMRI and the Counting Stroop. <i>Biological Psychiatry</i> , 1999 , 45, 1542-52	7.9	673
63	The structural and functional connectivity of the amygdala: from normal emotion to pathological anxiety. <i>Behavioural Brain Research</i> , 2011 , 223, 403-10	3.4	623
62	The emotional counting Stroop paradigm: a functional magnetic resonance imaging probe of the anterior cingulate affective division. <i>Biological Psychiatry</i> , 1998 , 44, 1219-28	7.9	561
61	A functional MRI study of human amygdala responses to facial expressions of fear versus anger. <i>Emotion</i> , 2001 , 1, 70-83	4.1	539
60	Human amygdala responsivity to masked fearful eye whites. <i>Science</i> , 2004 , 306, 2061	33.3	534
59	The counting Stroop: an interference task specialized for functional neuroimaging--validation study with functional MRI. <i>Human Brain Mapping</i> , 1998 , 6, 270-82	5.9	512
58	An fMRI study of anterior cingulate function in posttraumatic stress disorder. <i>Biological Psychiatry</i> , 2001 , 50, 932-42	7.9	499
57	Differential prefrontal cortex and amygdala habituation to repeatedly presented emotional stimuli. <i>NeuroReport</i> , 2001 , 12, 379-83	1.7	440
56	Amygdala response to facial expressions in children and adults. <i>Biological Psychiatry</i> , 2001 , 49, 309-16	7.9	416
55	The structural integrity of an amygdala-prefrontal pathway predicts trait anxiety. <i>Journal of Neuroscience</i> , 2009 , 29, 11614-8	6.6	341
54	Differential response in the human amygdala to racial outgroup vs ingroup face stimuli. <i>NeuroReport</i> , 2000 , 11, 2351-5	1.7	336
53	Contextual modulation of amygdala responsivity to surprised faces. <i>Journal of Cognitive Neuroscience</i> , 2004 , 16, 1730-45	3.1	310

52	Inverse amygdala and medial prefrontal cortex responses to surprised faces. <i>NeuroReport</i> , 2003 , 14, 2317-22	1.7	289
51	Anxiety dissociates dorsal and ventral medial prefrontal cortex functional connectivity with the amygdala at rest. <i>Cerebral Cortex</i> , 2011 , 21, 1667-73	5.1	283
50	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, 302-10	11.9	270
49	Human bed nucleus of the stria terminalis indexes hypervigilant threat monitoring. <i>Biological Psychiatry</i> , 2010 , 68, 416-24	7.9	260
48	Differential amygdalar response to novel versus newly familiar neutral faces: a functional MRI probe developed for studying inhibited temperament. <i>Biological Psychiatry</i> , 2003 , 53, 854-62	7.9	236
47	Brain habituation during repeated exposure to fearful and neutral faces: a functional MRI study. <i>Brain Research Bulletin</i> , 2003 , 59, 387-92	3.9	230
46	Are attractive people rewarding? Sex differences in the neural substrates of facial attractiveness. <i>Journal of Cognitive Neuroscience</i> , 2008 , 20, 941-51	3.1	226
45	Selectively reduced regional cortical volumes in post-traumatic stress disorder. <i>NeuroReport</i> , 2003 , 14, 913-916	1.7	217
44	Human amygdala responses during presentation of happy and neutral faces: correlations with state anxiety. <i>Biological Psychiatry</i> , 2004 , 55, 897-903	7.9	217
43	The uncertainty of it all. <i>Trends in Cognitive Sciences</i> , 2007 , 11, 499-500	14	193
42	A functional magnetic resonance imaging predictor of treatment response to venlafaxine in generalized anxiety disorder. <i>Biological Psychiatry</i> , 2008 , 63, 858-63	7.9	173
41	Selectively reduced regional cortical volumes in post-traumatic stress disorder. <i>NeuroReport</i> , 2003 , 14, 913-6	1.7	133
40	Interactions between transient and sustained neural signals support the generation and regulation of anxious emotion. <i>Cerebral Cortex</i> , 2013 , 23, 49-60	5.1	131
39	Stability of amygdala BOLD response to fearful faces over multiple scan sessions. <i>NeuroImage</i> , 2005 , 25, 1112-23	7.9	131
38	Functional neuroimaging studies of the amygdala in depression. <i>Seminars in Clinical Neuropsychiatry</i> , 2002 , 7, 234-42		122
37	Effects of electrical stimulation of the amygdaloid central nucleus on neocortical arousal in the rabbit. <i>Behavioral Neuroscience</i> , 1994 , 108, 81-93	2.1	108
36	Regional response differences across the human amygdaloid complex during social conditioning. <i>Cerebral Cortex</i> , 2010 , 20, 612-21	5.1	80
35	Corrugator muscle responses are associated with individual differences in positivity-negativity bias. <i>Emotion</i> , 2009 , 9, 640-8	4.1	80

34	Neuroimaging and the Neuroanatomy of Posttraumatic Stress Disorder. <i>CNS Spectrums</i> , 1998 , 3, 30-41	1.8	73
33	The primacy of negative interpretations when resolving the valence of ambiguous facial expressions. <i>Psychological Science</i> , 2010 , 21, 901-7	7.9	69
32	Contributions of the amygdaloid central nucleus to the modulation of the nictitating membrane reflex in the rabbit.. <i>Behavioral Neuroscience</i> , 1991 , 105, 141-153	2.1	62
31	Dorsal anterior cingulate function in posttraumatic stress disorder. <i>Journal of Traumatic Stress</i> , 2007 , 20, 701-12	3.8	60
30	Amygdala responses to averted vs direct gaze fear vary as a function of presentation speed. <i>Social Cognitive and Affective Neuroscience</i> , 2012 , 7, 568-77	4	55
29	A tale of two negatives: differential memory modulation by threat-related facial expressions. <i>Emotion</i> , 2011 , 11, 647-55	4.1	49
28	Valence resolution of ambiguous facial expressions using an emotional oddball task. <i>Emotion</i> , 2011 , 11, 1425-33	4.1	48
27	The emotional counting Stroop: a task for assessing emotional interference during brain imaging. <i>Nature Protocols</i> , 2006 , 1, 293-6	18.8	48
26	Behind the mask: the influence of mask-type on amygdala response to fearful faces. <i>Social Cognitive and Affective Neuroscience</i> , 2010 , 5, 363-8	4	47
25	Neuroscience and Facial Expressions of Emotion: The Role of Amygdala-Prefrontal Interactions. <i>Emotion Review</i> , 2013 , 5, 78-83	4.6	46
24	The counting Stroop: a cognitive interference task. <i>Nature Protocols</i> , 2006 , 1, 230-3	18.8	45
23	Dissociable medial temporal lobe contributions to social memory. <i>Journal of Cognitive Neuroscience</i> , 2006 , 18, 1253-65	3.1	43
22	Neural responses to ambiguity involve domain-general and domain-specific emotion processing systems. <i>Journal of Cognitive Neuroscience</i> , 2013 , 25, 547-57	3.1	38
21	Neuroimaging and Anxiety: the Neural Substrates of Pathological and Non-pathological Anxiety. <i>Current Psychiatry Reports</i> , 2015 , 17, 49	9.1	37
20	Individual differences in neural activity during a facial expression vs. identity working memory task. <i>NeuroImage</i> , 2011 , 56, 1685-92	7.9	34
19	The amygdala: inside and out. <i>F1000 Biology Reports</i> , 2011 , 3, 2		34
18	A Mathematical Model Captures the Structure of Subjective Affect. <i>Perspectives on Psychological Science</i> , 2017 , 12, 508-526	9.8	33
17	Prior experience as a stimulus category confound: an example using facial expressions of emotion. <i>Social Cognitive and Affective Neuroscience</i> , 2006 , 1, 271-4	4	32

16	Interpreting ambiguous social cues in unpredictable contexts. <i>Social Cognitive and Affective Neuroscience</i> , 2016 , 11, 775-82	4	28
15	Botulinum toxin-induced facial muscle paralysis affects amygdala responses to the perception of emotional expressions: preliminary findings from an A-B-A design. <i>Biology of Mood & Anxiety Disorders</i> , 2014 , 4, 11		26
14	The Inverse Relationship between the Microstructural Variability of Amygdala-Prefrontal Pathways and Trait Anxiety Is Moderated by Sex. <i>Frontiers in Systems Neuroscience</i> , 2016 , 10, 93	3.5	17
13	Intolerance of uncertainty predicts increased striatal volume. <i>Emotion</i> , 2017 , 17, 895-899	4.1	15
12	Fearful, but not angry, expressions diffuse attention to peripheral targets in an attentional blink paradigm. <i>Emotion</i> , 2014 , 14, 462-8	4.1	15
11	Human Amygdala Tracks a Feature-Based Valence Signal Embedded within the Facial Expression of Surprise. <i>Journal of Neuroscience</i> , 2017 , 37, 9510-9518	6.6	14
10	Differential effects of cognitive load on subjective versus motor responses to ambiguously valenced facial expressions. <i>Emotion</i> , 2016 , 16, 929-36	4.1	12
9	Differentially tuned responses to restricted versus prolonged awareness of threat: a preliminary fMRI investigation. <i>Brain and Cognition</i> , 2011 , 77, 113-9	2.7	11
8	Memory effect of DL-threo-3,4-dihydroxyphenylserine (DOPS) in human Korsakoff's disease. <i>Psychopharmacology</i> , 1988 , 95, 250-4	4.7	11
7	BRAIN REWARD ACTIVITY TO MASKED IN-GROUP SMILING FACES PREDICTS FRIENDSHIP DEVELOPMENT. <i>Social Psychological and Personality Science</i> , 2015 , 8, 415-421	4.3	7
6	A face versus non-face context influences amygdala responses to masked fearful eye whites. <i>Social Cognitive and Affective Neuroscience</i> , 2016 , 11, 1933-1941	4	6
5	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> , 2006 , 985, 533-535	6.5	5
4	Parcellation of Human Amygdala Subfields Using Orientation Distribution Function and Spectral K-means Clustering. <i>Mathematics and Visualization</i> , 2016 , 2016, 123-132	0.6	1
3	To apply yourself is human, to reapply divine. <i>Neuron</i> , 2014 , 83, 1227-8	13.9	
2	Remembering people: neuroimaging takes on the real world. <i>Learning and Memory</i> , 2003 , 10, 240-1	2.8	
1	Preliminary report on the association between pulvinar volume and the ability to detect backward-masked facial features. <i>Neuropsychologia</i> , 2019 , 128, 73-77	3.2	