Paul J Whalen

List of Publications by Year
in descending order

71 papers	17,983 citations	47004 47 h-index	98792 67 g-index
73 all docs	73 docs citations	73 times ranked	12289 citing authors

#	Article	IF	Citations
1	Masked Presentations of Emotional Facial Expressions Modulate Amygdala Activity without Explicit Knowledge. Journal of Neuroscience, 1998, 18, 411-418.	3.6	1,998
2	Response and Habituation of the Human Amygdala during Visual Processing of Facial Expression. Neuron, 1996, 17, 875-887.	8.1	1,583
3	Exaggerated amygdala response to masked facial stimuli in posttraumatic stress disorder: a functional MRI study. Biological Psychiatry, 2000, 47, 769-776.	1.3	1,064
4	A Functional Magnetic Resonance Imaging Study of Amygdala and Medial Prefrontal Cortex Responses to Overtly Presented Fearful Faces in Posttraumatic Stress Disorder. Archives of General Psychiatry, 2005, 62, 273.	12.3	836
5	Fear, Vigilance, and Ambiguity. Current Directions in Psychological Science, 1998, 7, 177-188.	5.3	773
6	Anterior cingulate cortex dysfunction in attention-deficit/hyperactivity disorder revealed by fMRI and the counting stroop. Biological Psychiatry, 1999, 45, 1542-1552.	1.3	762
7	The structural and functional connectivity of the amygdala: From normal emotion to pathological anxiety. Behavioural Brain Research, 2011, 223, 403-410.	2.2	741
8	Human Amygdala Responsivity to Masked Fearful Eye Whites. Science, 2004, 306, 2061-2061.	12.6	636
9	The counting stroop: An interference task specialized for functional neuroimaging-validation study with functional MRI. Human Brain Mapping, 1998, 6, 270-282.	3.6	604
10	The emotional counting stroop paradigm: a functional magnetic resonance imaging probe of the anterior cingulate affective division. Biological Psychiatry, 1998, 44, 1219-1228.	1.3	595
11	A functional MRI study of human amygdala responses to facial expressions of fear versus anger.. Emotion, 2001, 1, 70-83.	1.8	586
12	An fMRI study of anterior cingulate function in posttraumatic stress disorder. Biological Psychiatry, 2001, 50, 932-942.	1.3	557
13	Differential prefrontal cortex and amygdala habituation to repeatedly presented emotional stimuli. NeuroReport, 2001, 12, 379-383.	1.2	497
14	Amygdala response to facial expressions in children and adults. Biological Psychiatry, 2001, 49, 309-316.	1.3	459
15	The Structural Integrity of an Amygdalaâ€“Prefrontal Pathway Predicts Trait Anxiety. Journal of Neuroscience, 2009, 29, 11614-11618.	3.6	390
16	Differential response in the human amygdala to racial outgroup vs ingroup face stimuli. NeuroReport, 2000, 11, 2351-2354.	1.2	389
17	Contextual Modulation of Amygdala Responsivity to Surprised Faces. Journal of Cognitive Neuroscience, 2004, 16, 1730-1745.	2.3	355
18	Anxiety Dissociates Dorsal and Ventral Medial Prefrontal Cortex Functional Connectivity with the Amygdala at Rest. Cerebral Cortex, 2011, 21, 1667-1673.	2.9	340

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19	Inverse amygdala and medial prefrontal cortex responses to surprised faces. NeuroReport, 2003, 14, 2317-2322.	1.2	321
20	Anticipatory Activation in the Amygdala and Anterior Cingulate in Generalized Anxiety Disorder and Prediction of Treatment Response. American Journal of Psychiatry, 2009, 166, 302-310.	7.2	317
21	Human Bed Nucleus of the Stria Terminalis Indexes Hypervigilant Threat Monitoring. Biological Psychiatry, 2010, 68, 416-424.	1.3	302
22	Are Attractive People Rewarding? Sex Differences in the Neural Substrates of Facial Attractiveness. Journal of Cognitive Neuroscience, 2008, 20, 941-951.	2.3	264
23	Differential amygdalar response to novel versus newly familiar neutral faces: a functional MRI probe developed for studying inhibited temperament. Biological Psychiatry, 2003, 53, 854-862.	1.3	262
24	Brain habituation during repeated exposure to fearful and neutral faces: A functional MRI study. Brain Research Bulletin, 2003, 59, 387-392.	3.0	258
25	Human amygdala responses during presentation of happy and neutral faces: correlations with state anxiety. Biological Psychiatry, 2004, 55, 897-903.	1.3	238
26	Selectively reduced regional cortical volumes in post-traumatic stress disorder. NeuroReport, 2003, 14, 913-916.	1.2	228
27	The uncertainty of it all. Trends in Cognitive Sciences, 2007, 11, 499-500.	7.8	209
28	A Functional Magnetic Resonance Imaging Predictor of Treatment Response to Venlafaxine in Generalized Anxiety Disorder. Biological Psychiatry, 2008, 63, 858-863.	1.3	191
29	Interactions Between Transient and Sustained Neural Signals Support the Generation and Regulation of Anxious Emotion. Cerebral Cortex, 2013, 23, 49-60.	2.9	171
30	Selectively reduced regional cortical volumes in post-traumatic stress disorder. NeuroReport, 2003, 14, 913-916.	1.2	165
31	Stability of amygdala BOLD response to fearful faces over multiple scan sessions. NeuroImage, 2005, 25, 1112-1123.	4.2	146
32	Functional neuroimaging studies of the amygdala in depression. Seminars in Clinical Neuropsychiatry, 2002, 7, 234-242.	1.9	141
33	Effects of electrical stimulation of the amygdaloid central nucleus on neocortical arousal in the rabbit.. Behavioral Neuroscience, 1994, 108, 81-93.	1.2	118
34	Corrugator muscle responses are associated with individual differences in positivity-negativity bias.. Emotion, 2009, 9, 640-648.	1.8	111
35	Neuroimaging and the Neuroanatomy of Posttraumatic Stress Disorder. CNS Spectrums, 1998, 3, 30-41.	1.2	92
36	Regional Response Differences Across the Human Amygdaloid Complex during Social Conditioning. Cerebral Cortex, 2010, 20, 612-621.	2.9	92

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37	The Primacy of Negative Interpretations When Resolving the Valence of Ambiguous Facial Expressions. Psychological Science, 2010, 21, 901-907.	3.3	85
38	Contributions of the amygdaloid central nucleus to the modulation of the nictitating membrane reflex in the rabbit.. Behavioral Neuroscience, 1991, 105, 141-153.	1.2	65
39	Dorsal anterior cingulate function in posttraumatic stress disorder. Journal of Traumatic Stress, 2007, 20, 701-712.	1.8	64
40	Valence resolution of ambiguous facial expressions using an emotional oddball task.. Emotion, 2011, 11, 1425-1433.	1.8	64
41	Behind the mask: the influence of mask-type on amygdala response to fearful faces. Social Cognitive and Affective Neuroscience, 2010, 5, 363-368.	3.0	61
42	The counting Stroop: a cognitive interference task. Nature Protocols, 2006, 1, 230-233.	12.0	60
43	Amygdala responses to avertedvsdirect gaze fear vary as a function of presentation speed. Social Cognitive and Affective Neuroscience, 2012, 7, 568-577.	3.0	60
44	A tale of two negatives: Differential memory modulation by threat-related facial expressions.. Emotion, 2011, 11, 647-655.	1.8	56
45	The emotional counting Stroop: a task for assessing emotional interference during brain imaging. Nature Protocols, 2006, 1, 293-296.	12.0	53
46	Neuroscience and Facial Expressions of Emotion: The Role of Amygdalaâ€“Prefrontal Interactions. Emotion Review, 2013, 5, 78-83.	3.4	53
47	Neural Responses to Ambiguity Involve Domain-general and Domain-specific Emotion Processing Systems. Journal of Cognitive Neuroscience, 2013, 25, 547-557.	2.3	52
48	A Mathematical Model Captures the Structure of Subjective Affect. Perspectives on Psychological Science, 2017, 12, 508-526.	9.0	50
49	Dissociable Medial Temporal Lobe Contributions to Social Memory. Journal of Cognitive Neuroscience, 2006, 18, 1253-1265.	2.3	48
50	Individual differences in neural activity during a facial expression vs. identity working memory task. NeuroImage, 2011, 56, 1685-1692.	4.2	47
51	Neuroimaging and Anxiety: the Neural Substrates of Pathological and Non-pathological Anxiety. Current Psychiatry Reports, 2015, 17, 49.	4.5	43
52	The amygdala: inside and out. F1000 Biology Reports, 2011, 3, 2.	4.0	42
53	Botulinum toxin-induced facial muscle paralysis affects amygdala responses to the perception of emotional expressions: preliminary findings from an A-B-A design. Biology of Mood & Anxiety Disorders, 2014, 4, 11.	4.7	42
54	Prior experience as a stimulus category confound: an example using facial expressions of emotion. Social Cognitive and Affective Neuroscience, 2006, 1, 271-274.	3.0	41

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55	Interpreting ambiguous social cues in unpredictable contexts. Social Cognitive and Affective Neuroscience, 2016, 11, 775-782.	3.0	37
56	The Inverse Relationship between the Microstructural Variability of Amygdala-Prefrontal Pathways and Trait Anxiety Is Moderated by Sex. Frontiers in Systems Neuroscience, 2016, 10, 93.	2.5	25
57	Intolerance of uncertainty predicts increased striatal volume.. Emotion, 2017, 17, 895-899.	1.8	24
58	Fearful, but not angry, expressions diffuse attention to peripheral targets in an attentional blink paradigm.. Emotion, 2014, 14, 462-468.	1.8	19
59	Human Amygdala Tracks a Feature-Based Valence Signal Embedded within the Facial Expression of Surprise. Journal of Neuroscience, 2017, 37, 9510-9518.	3.6	17
60	Differential effects of cognitive load on subjective versus motor responses to ambiguously valenced facial expressions.. Emotion, 2016, 16, 929-936.	1.8	16
61	Differentially tuned responses to restricted versus prolonged awareness of threat: A preliminary fMRI investigation. Brain and Cognition, 2011, 77, 113-119.	1.8	14
62	The shape of faces (to come). Nature Neuroscience, 2008, 11, 739-740.	14.8	13
63	Memory effect of dl-threo-3,4-dihydroxyphenylserine (DOPS) in human Korsakoff's disease. Psychopharmacology, 1988, 95, 250-4.	3.1	12
64	Brain Reward Activity to Masked In-Group Smiling Faces Predicts Friendship Development. Social Psychological and Personality Science, 2015, 6, 415-421.	3.9	10
65	Functional MRI Responses of the Human Dorsal Amygdala/Substantia Innominata Region to Facial Expressions of Emotion. Annals of the New York Academy of Sciences, 2003, 985, 533-535.	3.8	8
66	A face versus non-face context influences amygdala responses to masked fearful eye whites. Social Cognitive and Affective Neuroscience, 2016, 11, 1933-1941.	3.0	8
67	Preliminary report on the association between pulvinar volume and the ability to detect backward-masked facial features. Neuropsychologia, 2019, 128, 73-77.	1.6	1
68	Parcellation of Human Amygdala Subfields Using Orientation Distribution Function and Spectral K-means Clustering. Mathematics and Visualization, 2017, 2016, 123-132.	0.6	1
69	Remembering People: Neuroimaging Takes On the Real World. Learning and Memory, 2003, 10, 240-241.	1.3	0
70	To Apply Yourself Is Human, to Reapply Divine. Neuron, 2014, 83, 1227-1228.	8.1	0
71	Neural and Behavioral Responses to Ambiguous Facial Expressions of Emotion. , 2017, , .		0