

Mohammed R Milad

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

11,421
citations

87888

38
h-index

79698

73
g-index

80
all docs

80
docs citations

80
times ranked

8768
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological studies of post-traumatic stress disorder. <i>Nature Reviews Neuroscience</i> , 2012, 13, 769-787.	10.2	1,218
2	Fear Extinction as a Model for Translational Neuroscience: Ten Years of Progress. <i>Annual Review of Psychology</i> , 2012, 63, 129-151.	17.7	1,202
3	Neurobiological Basis of Failure to Recall Extinction Memory in Posttraumatic Stress Disorder. <i>Biological Psychiatry</i> , 2009, 66, 1075-1082.	1.3	1,185
4	Recall of Fear Extinction in Humans Activates the Ventromedial Prefrontal Cortex and Hippocampus in Concert. <i>Biological Psychiatry</i> , 2007, 62, 446-454.	1.3	1,061
5	Fear extinction in rats: Implications for human brain imaging and anxiety disorders. <i>Biological Psychology</i> , 2006, 73, 61-71.	2.2	554
6	Presence and acquired origin of reduced recall for fear extinction in PTSD: Results of a twin study. <i>Journal of Psychiatric Research</i> , 2008, 42, 515-520.	3.1	449
7	A Role for the Human Dorsal Anterior Cingulate Cortex in Fear Expression. <i>Biological Psychiatry</i> , 2007, 62, 1191-1194.	1.3	425
8	Thickness of ventromedial prefrontal cortex in humans is correlated with extinction memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 10706-10711.	7.1	362
9	Anxiety disorders. <i>Nature Reviews Disease Primers</i> , 2017, 3, 17024.	30.5	345
10	The Study of Fear Extinction: Implications for Anxiety Disorders. <i>American Journal of Psychiatry</i> , 2011, 168, 1255-1265.	7.2	315
11	Estradiol Modulates Medial Prefrontal Cortex and Amygdala Activity During Fear Extinction in Women and Female Rats. <i>Biological Psychiatry</i> , 2011, 70, 920-927.	1.3	282
12	Deficits in Conditioned Fear Extinction in Obsessive-Compulsive Disorder and Neurobiological Changes in the Fear Circuit. <i>JAMA Psychiatry</i> , 2013, 70, 608.	11.0	268
13	Sex differences in anxiety disorders: Interactions between fear, stress, and gonadal hormones. <i>Hormones and Behavior</i> , 2015, 76, 106-117.	2.1	255
14	Context modulation of memory for fear extinction in humans. <i>Psychophysiology</i> , 2005, 42, 456-464.	2.4	245
15	Altered Processing of Contextual Information during Fear Extinction in PTSD: An fMRI Study. <i>CNS Neuroscience and Therapeutics</i> , 2011, 17, 227-236.	3.9	232
16	Blockade of Estrogen by Hormonal Contraceptives Impairs Fear Extinction in Female Rats and Women. <i>Biological Psychiatry</i> , 2013, 73, 371-378.	1.3	232
17	Effects of sleep on memory for conditioned fear and fear extinction.. <i>Psychological Bulletin</i> , 2015, 141, 835-857.	6.1	171
18	Sleep and REM sleep disturbance in the pathophysiology of PTSD: the role of extinction memory. <i>Biology of Mood & Anxiety Disorders</i> , 2015, 5, 3.	4.7	169

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19	Extinction Memory Is Impaired in Schizophrenia. <i>Biological Psychiatry</i> , 2009, 65, 455-463.	1.3	152
20	Neuroscience of fear extinction: Implications for assessment and treatment of fear-based and anxiety related disorders. <i>Behaviour Research and Therapy</i> , 2014, 62, 17-23.	3.1	122
21	Skin Conductance Responses and Neural Activations During Fear Conditioning and Extinction Recall Across Anxiety Disorders. <i>JAMA Psychiatry</i> , 2017, 74, 622.	11.0	121
22	Sex differences in fear conditioning in posttraumatic stress disorder. <i>Journal of Psychiatric Research</i> , 2013, 47, 64-71.	3.1	120
23	Cannabinoid modulation of prefrontal limbic activation during fear extinction learning and recall in humans. <i>Neurobiology of Learning and Memory</i> , 2014, 113, 125-134.	1.9	111
24	Failure of Neural Responses to Safety Cues in Schizophrenia. <i>Archives of General Psychiatry</i> , 2012, 69, 893.	12.3	104
25	Prefrontal Cortex Stimulation Enhances Fear Extinction Memory in Humans. <i>Biological Psychiatry</i> , 2018, 84, 129-137.	1.3	95
26	Sex differences in extinction recall in posttraumatic stress disorder: A pilot fMRI study. <i>Neurobiology of Learning and Memory</i> , 2014, 113, 101-108.	1.9	90
27	Contribution of estradiol levels and hormonal contraceptives to sex differences within the fear network during fear conditioning and extinction. <i>BMC Psychiatry</i> , 2015, 15, 295.	2.6	88
28	Neural changes in extinction recall following prolonged exposure treatment for PTSD: A longitudinal fMRI study. <i>NeuroImage: Clinical</i> , 2016, 12, 715-723.	2.7	87
29	Unconditioned responses and functional fear networks in human classical conditioning. <i>Behavioural Brain Research</i> , 2011, 221, 237-245.	2.2	85
30	Amygdala subnuclei resting-state functional connectivity sex and estrogen differences. <i>Psychoneuroendocrinology</i> , 2016, 63, 34-42.	2.7	84
31	Sleep Promotes Generalization of Extinction of Conditioned Fear. <i>Sleep</i> , 2009, , .	1.1	67
32	Effects of beta blockade, PTSD diagnosis, and explicit threat on the extinction and retention of an aversively conditioned response. <i>Biological Psychology</i> , 2006, 73, 262-271.	2.2	63
33	Inhibition of estradiol synthesis impairs fear extinction in male rats. <i>Learning and Memory</i> , 2014, 21, 347-350.	1.3	61
34	Temporal dynamics of relief in avoidance conditioning and fear extinction: Experimental validation and clinical relevance. <i>Behaviour Research and Therapy</i> , 2017, 96, 66-78.	3.1	57
35	Association of Resting Metabolism in the Fear Neural Network With Extinction Recall Activations and Clinical Measures in Trauma-Exposed Individuals. <i>American Journal of Psychiatry</i> , 2016, 173, 930-938.	7.2	55
36	Multimodal Categorical and Dimensional Approaches to Understanding Threat Conditioning and Its Extinction in Individuals With Anxiety Disorders. <i>JAMA Psychiatry</i> , 2020, 77, 618.	11.0	54

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37	<scp>Mega-analysis</scp> methods in <scp>ENIGMA</scp>: The experience of the generalized anxiety disorder working group. <i>Human Brain Mapping</i> , 2022, 43, 255-277.	3.6	51
38	Estradiol shifts interactions between the infralimbic cortex and central amygdala to enhance fear extinction memory in female rats. <i>Journal of Neuroscience Research</i> , 2017, 95, 163-175.	2.9	46
39	Post-Traumatic Stress Disorder: The Relationship Between the Fear Response and Chronic Stress. <i>Chronic Stress</i> , 2017, 1, 247054701771329.	3.4	45
40	Resting state functional connectivity in primary insomnia, generalized anxiety disorder and controls. <i>Psychiatry Research - Neuroimaging</i> , 2017, 265, 26-34.	1.8	44
41	Strengthened Hippocampal Circuits Underlie Enhanced Retrieval of Extinguished Fear Memories Following Mindfulness Training. <i>Biological Psychiatry</i> , 2019, 86, 693-702.	1.3	43
42	Mindfulness-Based Stress Reduction, Fear Conditioning, and The Uncinate Fasciculus: A Pilot Study. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 124.	2.0	38
43	Interactions of time of day and sleep with between-session habituation and extinction memory in young adult males. <i>Experimental Brain Research</i> , 2014, 232, 1443-1458.	1.5	36
44	A parametric study of fear generalization to faces and non-face objects: relationship to discrimination thresholds. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 624.	2.0	35
45	Characterization of fear conditioning and fear extinction by analysis of electrodermal activity. , 2015, 2015, 7814-8.		34
46	Delayed fear extinction in individuals with insomnia disorder. <i>Sleep</i> , 2018, 41, .	1.1	29
47	Influence of δ^9 -tetrahydrocannabinol on long-term neural correlates of threat extinction memory retention in humans. <i>Neuropsychopharmacology</i> , 2019, 44, 1769-1777.	5.4	29
48	Absence of conditioned responding in humans: A bad measure or individual differences?. <i>Psychophysiology</i> , 2020, 57, e13350.	2.4	28
49	Temporally and anatomically specific contributions of the human amygdala to threat and safety learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	26
50	Fear extinction memory is negatively associated with REM sleep in insomnia disorder. <i>Sleep</i> , 2020, 43, .	1.1	25
51	Cortical and subcortical brain structure in generalized anxiety disorder: findings from 28 research sites in the ENIGMA-Anxiety Working Group. <i>Translational Psychiatry</i> , 2021, 11, 502.	4.8	24
52	Vicarious conditioned fear acquisition and extinction in child-parent dyads. <i>Scientific Reports</i> , 2020, 10, 17130.	3.3	23
53	Fear extinction learning modulates large-scale brain connectivity. <i>NeuroImage</i> , 2021, 238, 118261.	4.2	23
54	Randomized controlled experimental study of hydrocortisone and D-cycloserine effects on fear extinction in PTSD. <i>Neuropsychopharmacology</i> , 2022, 47, 1945-1952.	5.4	23

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55	Abnormal dynamic functional connectivity during fear extinction learning in PTSD and anxiety disorders. <i>Molecular Psychiatry</i> , 2022, 27, 2216-2224.	7.9	22
56	The relationship of perceptual discrimination to neural mechanisms of fear generalization. <i>NeuroImage</i> , 2019, 188, 445-455.	4.2	20
57	From Default Mode Network to the Basal Configuration: Sex Differences in the Resting-State Brain Connectivity as a Function of Age and Their Clinical Correlates. <i>Frontiers in Psychiatry</i> , 2018, 9, 365.	2.6	18
58	Hippocampal activation during contextual fear inhibition related to resilience in the early aftermath of trauma. <i>Behavioural Brain Research</i> , 2021, 408, 113282.	2.2	16
59	Demographic factors predict magnitude of conditioned fear. <i>International Journal of Psychophysiology</i> , 2015, 98, 59-64.	1.0	15
60	Abnormal fear circuitry in Attention Deficit Hyperactivity Disorder: A controlled magnetic resonance imaging study. <i>Psychiatry Research - Neuroimaging</i> , 2017, 262, 55-62.	1.8	15
61	Oestradiol, threat conditioning and extinction, post-traumatic stress disorder, and prolonged exposure therapy: A common link. <i>Journal of Neuroendocrinology</i> , 2020, 32, e12800.	2.6	15
62	Hippocampal circuits underlie improvements in self-reported anxiety following mindfulness training. <i>Brain and Behavior</i> , 2020, 10, e01766.	2.2	14
63	Partial and Total Sleep Deprivation Interferes With Neural Correlates of Consolidation of Fear Extinction Memory. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 299-309.	1.5	11
64	Impact of exogenous estradiol on task-based and resting-state neural signature during and after fear extinction in healthy women. <i>Neuropsychopharmacology</i> , 2021, 46, 2278-2287.	5.4	11
65	Protocol for Studying Extinction of Conditioned Fear in Naturally Cycling Female Rats. <i>Journal of Visualized Experiments</i> , 2015, , .	0.3	10
66	Anxiety Sensitivity Moderates the Association Between Father-Child Relationship Security and Fear Transmission. <i>Frontiers in Psychology</i> , 2020, 11, 579514.	2.1	10
67	Unconditioned response to an aversive stimulus as predictor of response to conditioned fear and safety: A cross-species study. <i>Behavioural Brain Research</i> , 2021, 402, 113105.	2.2	10
68	Impairment in acquisition of conditioned fear in schizophrenia. <i>Neuropsychopharmacology</i> , 2022, 47, 681-686.	5.4	10
69	Associations of sleep measures with neural activations accompanying fear conditioning and extinction learning and memory in trauma-exposed individuals. <i>Sleep</i> , 2022, 45, .	1.1	10
70	Neuromodulation Approaches for the Treatment of Post-Traumatic Stress Disorder: Stimulating the Brain Following Exposure-based Therapy. <i>Current Behavioral Neuroscience Reports</i> , 2015, 2, 67-71.	1.3	7
71	Pre-scan cortisol is differentially associated with enhanced connectivity to the cognitive control network in young adults with a history of depression. <i>Psychoneuroendocrinology</i> , 2019, 104, 219-227.	2.7	7
72	Extending the Examination of the Fear Extinction Network Beyond Anxiety and Fear-Based Disorders: Insight Into Autism Spectrum Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 302-304.	1.5	4

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73	Fear-induced brain activations distinguish anxious and trauma-exposed brains. Translational Psychiatry, 2021, 11, 46.	4.8	4
74	Learning Not to Fear: A Neural Systems Approach. , 2007, , 60-77.		2
75	Symptom Changes in Posttraumatic Stress Disorder and Major Depressive Disorder After Transcranial Magnetic Stimulation: Mechanisms of Where and How in the Brain. Biological Psychiatry, 2018, 83, 200-202.	1.3	2
76	Editing out fear. Nature, 2010, 463, 36-37.	27.8	0
77	Introduction to the special issue of Neurobiology of Learning and Memory on Fear Extinction. Neurobiology of Learning and Memory, 2014, 113, 1-2.	1.9	0
78	Reprint of: "Demographic factors predict magnitude of conditioned fear". International Journal of Psychophysiology, 2015, 98, 606-611.	1.0	0
79	Dimensional approaches to understanding threat conditioning and extinction in anxiety. Neuropsychopharmacology, 2021, 46, 237-238.	5.4	0