

# Irit Akirav

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

3,161  
citations

159585

30  
h-index

182427

51  
g-index

54  
all docs

54  
docs citations

54  
times ranked

3193  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of the Medial Prefrontal Cortex-Amygdala Circuit in Stress Effects on the Extinction of Fear. <i>Neural Plasticity</i> , 2007, 2007, 1-11.	2.2	209
2	Mechanisms of Amygdala Modulation of Hippocampal Plasticity. <i>Journal of Neuroscience</i> , 2002, 22, 9912-9921.	3.6	206
3	Ventromedial Prefrontal Cortex Is Obligatory for Consolidation and Reconsolidation of Object Recognition Memory. <i>Cerebral Cortex</i> , 2005, 16, 1759-1765.	2.9	184
4	Emotional tagging of memory formation in the search for neural mechanisms. <i>Brain Research Reviews</i> , 2003, 43, 247-256.	9.0	175
5	Cannabinoids modulate hippocampal memory and plasticity. <i>Hippocampus</i> , 2010, 20, 1126-1138.	1.9	164
6	Cannabinoid Receptor Activation in the Basolateral Amygdala Blocks the Effects of Stress on the Conditioning and Extinction of Inhibitory Avoidance. <i>Journal of Neuroscience</i> , 2009, 29, 11078-11088.	3.6	155
7	A Facilitative Role for Corticosterone in the Acquisition of a Spatial Task Under Moderate Stress. <i>Learning and Memory</i> , 2004, 11, 188-195.	1.3	149
8	Amygdala-Hippocampus Dynamic Interaction in Relation to Memory. <i>Molecular Neurobiology</i> , 2000, 22, 011-020.	4.0	146
9	Differential activation of hippocampus and amygdala following spatial learning under stress. <i>European Journal of Neuroscience</i> , 2001, 14, 719-725.	2.6	117
10	Arousal and Stress Effects on Consolidation and Reconsolidation of Recognition Memory. <i>Neuropsychopharmacology</i> , 2008, 33, 394-405.	5.4	116
11	Cannabinoids Prevent the Development of Behavioral and Endocrine Alterations in a Rat Model of Intense Stress. <i>Neuropsychopharmacology</i> , 2012, 37, 456-466.	5.4	106
12	Short- and Long-Term Cognitive Effects of Chronic Cannabinoids Administration in Late-Adolescence Rats. <i>PLoS ONE</i> , 2012, 7, e31731.	2.5	100
13	The Role of Cannabinoids in Modulating Emotional and Non-Emotional Memory Processes in the Hippocampus. <i>Frontiers in Behavioral Neuroscience</i> , 2011, 5, 34.	2.0	91
14	Cannabinoids and traumatic stress modulation of contextual fear extinction and GR expression in the amygdala-hippocampal-prefrontal circuit. <i>Psychoneuroendocrinology</i> , 2013, 38, 1675-1687.	2.7	89
15	Cannabinoid Receptor Activation Prevents the Effects of Chronic Mild Stress on Emotional Learning and LTP in a Rat Model of Depression. <i>Neuropsychopharmacology</i> , 2014, 39, 919-933.	5.4	71
16	Cannabinoids Ameliorate Impairments Induced by Chronic Stress to Synaptic Plasticity and Short-Term Memory. <i>Neuropsychopharmacology</i> , 2013, 38, 1521-1534.	5.4	64
17	Stress modulation of reconsolidation. <i>Psychopharmacology</i> , 2013, 226, 747-761.	3.1	63
18	Role of endocannabinoids in the hippocampus and amygdala in emotional memory and plasticity. <i>Neuropsychopharmacology</i> , 2018, 43, 2017-2027.	5.4	56

#	ARTICLE	IF	CITATIONS
19	Cannabinoids and glucocorticoids modulate emotional memory after stress. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 2554-2563.	6.1	55
20	Cannabinoids Prevent the Effects of a Footshock Followed by Situational Reminders on Emotional Processing. <i>Neuropsychopharmacology</i> , 2014, 39, 2709-2722.	5.4	53
21	D-Cycloserine into the BLA reverses the impairing effects of exposure to stress on the extinction of contextual fear, but not conditioned taste aversion. <i>Learning and Memory</i> , 2009, 16, 682-686.	1.3	48
22	Chronic treatment with URB597 ameliorates post-stress symptoms in a rat model of PTSD. <i>European Neuropsychopharmacology</i> , 2018, 28, 630-642.	0.7	48
23	Cannabinoids reverse the effects of early stress on neurocognitive performance in adulthood. <i>Learning and Memory</i> , 2016, 23, 349-358.	1.3	47
24	Targeting the endocannabinoid system to treat anxiety-related disorders. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2016, 27, 193-202.	1.3	45
25	Sex differences in hippocampal response to endocannabinoids after exposure to severe stress. <i>Hippocampus</i> , 2016, 26, 947-957.	1.9	43
26	Cannabinoids prevent depressive-like symptoms and alterations in BDNF expression in a rat model of PTSD. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 84, 129-139.	4.8	40
27	NMDA Partial Agonist Reverses Blocking of Extinction of Aversive Memory by GABAA Agonist in the Amygdala. <i>Neuropsychopharmacology</i> , 2007, 32, 542-550.	5.4	39
28	Cannabinoids and post-traumatic stress disorder: clinical and preclinical evidence for treatment and prevention. <i>Behavioural Pharmacology</i> , 2016, 27, 561-569.	1.7	39
29	Differential effects of cannabinoid receptor agonist on social discrimination and contextual fear in amygdala and hippocampus. <i>Learning and Memory</i> , 2011, 18, 254-259.	1.3	38
30	Cannabinoid receptors activation and glucocorticoid receptors deactivation in the amygdala prevent the stress-induced enhancement of a negative learning experience. <i>Neurobiology of Learning and Memory</i> , 2012, 97, 393-401.	1.9	36
31	Cannabinoids as therapeutics for PTSD. , 2020, 211, 107551.		32
32	Stress Hormones Receptors in the Amygdala Mediate the Effects of Stress on the Consolidation, but Not the Retrieval, of a Non Aversive Spatial Task. <i>PLoS ONE</i> , 2012, 7, e29988.	2.5	29
33	Cannabinoids prevent the differential long-term effects of exposure to severe stress on hippocampal and amygdala-dependent memory and plasticity. <i>Hippocampus</i> , 2017, 27, 1093-1109.	1.9	29
34	The involvement of cannabinoids and mTOR in the reconsolidation of an emotional memory in the hippocampal amygdala insular circuit. <i>European Neuropsychopharmacology</i> , 2017, 27, 336-349.	0.7	25
35	The effects of enhancing endocannabinoid signaling and blocking corticotrophin releasing factor receptor in the amygdala and hippocampus on the consolidation of a stressful event. <i>European Neuropsychopharmacology</i> , 2017, 27, 913-927.	0.7	24
36	Antidepressant-like effects of URB597 and JZL184 in male and female rats exposed to early life stress. <i>European Neuropsychopharmacology</i> , 2020, 39, 70-86.	0.7	23

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37	The effects of cannabinoid receptors activation and glucocorticoid receptors deactivation in the amygdala and hippocampus on the consolidation of a traumatic event. <i>Neurobiology of Learning and Memory</i> , 2017, 144, 248-258.	1.9	22
38	Role of beta-catenin and endocannabinoids in the nucleus accumbens in extinction in rats exposed to shock and reminders. <i>Neuroscience</i> , 2017, 357, 285-294.	2.3	21
39	Changes in Gene Expression in the Locus Coeruleus-Amygdala Circuitry in Inhibitory Avoidance PTSD Model. <i>Cellular and Molecular Neurobiology</i> , 2018, 38, 273-280.	3.3	21
40	Cannabinoids and Glucocorticoids in the Basolateral Amygdala Modulate Hippocampal-Accumbens Plasticity After Stress. <i>Neuropsychopharmacology</i> , 2016, 41, 1066-1079.	5.4	20
41	Factors That Determine the Non-Linear Amygdala Influence on Hippocampus-Dependent Memory. <i>Dose-Response</i> , 2006, 4, dose-response.0.	1.6	19
42	Differential roles of the infralimbic and prelimbic areas of the prefrontal cortex in reconsolidation of a traumatic memory. <i>European Neuropsychopharmacology</i> , 2017, 27, 900-912.	0.7	16
43	Chronic exposure to cannabinoids before an emotional trauma may have negative effects on emotional function. <i>European Neuropsychopharmacology</i> , 2018, 28, 955-969.	0.7	13
44	Inhibition of Fatty Acid Amide Hydrolase (FAAH) During Adolescence and Exposure to Early Life Stress may Exacerbate Depression-like Behaviors in Male and Female Rats. <i>Neuroscience</i> , 2021, 455, 89-106.	2.3	13
45	Neuropeptide Y and cannabinoids interaction in the amygdala after exposure to shock and reminders model of PTSD. <i>Neuropharmacology</i> , 2020, 162, 107804.	4.1	10
46	Rapamycin prevents the long-term impairing effects of adolescence tetrahydrocannabinol on memory and plasticity in male rats. <i>European Journal of Neuroscience</i> , 2021, 54, 6104-6122.	2.6	10
47	Modulation of Endocannabinoid System Components in Depression: Pre-Clinical and Clinical Evidence. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5526.	4.1	9
48	Targeting the endocannabinoid system to treat haunting traumatic memories. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 124.	2.0	8
49	Cannabinoid CB1 and Dopamine D1 Receptors Partnership in the Modulation of Emotional Neural Processing. <i>Frontiers in Behavioral Neuroscience</i> , 2011, 5, 67.	2.0	7
50	Prefrontal tetanic stimulation, following fear reconditioning, facilitates expression of previously acquired extinction. <i>Neurobiology of Learning and Memory</i> , 2014, 113, 62-68.	1.9	6
51	Anandamide Hydrolysis Inhibition Reverses the Long-Term Behavioral and Gene Expression Alterations Induced by MK-801 in Male Rats: Differential CB1 and CB2 Receptor-Mediated Effects. <i>Schizophrenia Bulletin</i> , 2022, 48, 795-803.	4.3	6
52	Do Adolescent Exposure to Cannabinoids and Early Adverse Experience Interact to Increase the Risk of Psychiatric Disorders: Evidence from Rodent Models. <i>International Journal of Molecular Sciences</i> , 2021, 22, 730.	4.1	4
53	Cannabinoids Modulation of Emotional and Non-Emotional Memory Processes After Stress. , 2015, , 23-43.		2