

Christa K McIntyre

List of Publications by Year in descending order

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43
papers

2,815
citations

236833

25
h-index

254106

43
g-index

44
all docs

44
docs citations

44
times ranked

2730
citing authors

#	ARTICLE	IF	CITATIONS
1	Amygdala Modulation of Memory Consolidation: Interaction with Other Brain Systems. <i>Neurobiology of Learning and Memory</i> , 2002, 78, 539-552.	1.0	241
2	Memory-influencing intra-basolateral amygdala drug infusions modulate expression of Arc protein in the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 10718-10723.	3.3	222
3	Interacting brain systems modulate memory consolidation. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 1750-1762.	2.9	196
4	Amygdala norepinephrine levels after training predict inhibitory avoidance retention performance in rats. <i>European Journal of Neuroscience</i> , 2002, 16, 1223-1226.	1.2	186
5	Exercise Augmentation of Exposure Therapy for PTSD: Rationale and Pilot Efficacy Data. <i>Cognitive Behaviour Therapy</i> , 2015, 44, 314-327.	1.9	154
6	Glucocorticoid Effects on Memory Consolidation Depend on Functional Interactions between the Medial Prefrontal Cortex and Basolateral Amygdala. <i>Journal of Neuroscience</i> , 2009, 29, 14299-14308.	1.7	142
7	Role of the Basolateral Amygdala in Memory Consolidation. <i>Annals of the New York Academy of Sciences</i> , 2003, 985, 273-293.	1.8	121
8	Rapid Remission of Conditioned Fear Expression with Extinction Training Paired with Vagus Nerve Stimulation. <i>Biological Psychiatry</i> , 2013, 73, 1071-1077.	0.7	117
9	Memory-enhancing corticosterone treatment increases amygdala norepinephrine and Arc protein expression in hippocampal synaptic fractions. <i>Neurobiology of Learning and Memory</i> , 2010, 93, 312-321.	1.0	110
10	Patterns of brain acetylcholine release predict individual differences in preferred learning strategies in rats. <i>Neurobiology of Learning and Memory</i> , 2003, 79, 177-183.	1.0	109
11	Vagus nerve stimulation enhances extinction of conditioned fear and modulates plasticity in the pathway from the ventromedial prefrontal cortex to the amygdala. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 327.	1.0	105
12	Competition between Memory Systems: Acetylcholine Release in the Hippocampus Correlates Negatively with Good Performance on an Amygdala-Dependent Task. <i>Journal of Neuroscience</i> , 2002, 22, 1171-1176.	1.7	98
13	Using the Single Prolonged Stress Model to Examine the Pathophysiology of PTSD. <i>Frontiers in Pharmacology</i> , 2017, 8, 615.	1.6	94
14	Cooperation between memory systems: Acetylcholine release in the amygdala correlates positively with performance on a hippocampus-dependent task. <i>Behavioral Neuroscience</i> , 2003, 117, 320-326.	0.6	85
15	Effects of vagus nerve stimulation on extinction of conditioned fear and post-traumatic stress disorder symptoms in rats. <i>Translational Psychiatry</i> , 2017, 7, e1217-e1217.	2.4	81
16	Cholinergic modulation of memory in the basolateral amygdala involves activation of both m1 and m2 receptors. <i>Behavioural Pharmacology</i> , 2003, 14, 207-213.	0.8	71
17	Emotional Modulation of Learning and Memory: Pharmacological Implications. <i>Pharmacological Reviews</i> , 2017, 69, 236-255.	7.1	70
18	Intra-amygdala infusions of scopolamine impair performance on a conditioned place preference task but not a spatial radial maze task. <i>Behavioural Brain Research</i> , 1998, 95, 219-226.	1.2	59

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19	Vagus nerve stimulation promotes generalization of conditioned fear extinction and reduces anxiety in rats. <i>Brain Stimulation</i> , 2019, 12, 9-18.	0.7	56
20	Noradrenergic actions in the basolateral complex of the amygdala modulate Arc expression in hippocampal synapses and consolidation of aversive and non-aversive memory. <i>Neurobiology of Learning and Memory</i> , 2014, 115, 49-57.	1.0	54
21	Vagus Nerve Stimulation Enhances Extinction of Conditioned Fear in Rats and Modulates Arc Protein, CaMKII, and GluN2B-Containing NMDA Receptors in the Basolateral Amygdala. <i>Neural Plasticity</i> , 2016, 1-11.	1.0	50
22	Post-training disruption of Arc protein expression in the anterior cingulate cortex impairs long-term memory for inhibitory avoidance training. <i>Neurobiology of Learning and Memory</i> , 2011, 95, 425-432.	1.0	38
23	Basolateral Amygdala Inputs to the Medial Entorhinal Cortex Selectively Modulate the Consolidation of Spatial and Contextual Learning. <i>Journal of Neuroscience</i> , 2018, 38, 2698-2712.	1.7	36
24	Memory-enhancing intra-basolateral amygdala infusions of clenbuterol increase Arc and CaMKII β protein expression in the rostral anterior cingulate cortex. <i>Frontiers in Behavioral Neuroscience</i> , 2012, 6, 17.	1.0	30
25	The peripheral effect of direct current stimulation on brain circuits involving memory. <i>Science Advances</i> , 2020, 6, .	4.7	30
26	Vagus nerve stimulation as a tool for enhancing extinction in exposure-based therapies. <i>Psychopharmacology</i> , 2019, 236, 355-367.	1.5	27
27	Vagus Nerve Stimulation as a Tool to Induce Plasticity in Pathways Relevant for Extinction Learning. <i>Journal of Visualized Experiments</i> , 2015, , e53032.	0.2	26
28	Peripheral effects of vagus nerve stimulation on anxiety and extinction of conditioned fear in rats. <i>Learning and Memory</i> , 2019, 26, 245-251.	0.5	23
29	Amygdala-hippocampal interactions in synaptic plasticity and memory formation. <i>Neurobiology of Learning and Memory</i> , 2021, 184, 107490.	1.0	23
30	Vagus nerve stimulation reverses the extinction impairments in a model of PTSD with prolonged and repeated trauma. <i>Stress</i> , 2019, 22, 509-520.	0.8	22
31	Emotional modulation of the synapse. <i>Reviews in the Neurosciences</i> , 2012, 23, 449-61.	1.4	21
32	Corticosterone-induced enhancement of memory and synaptic Arc protein in the medial prefrontal cortex. <i>Neurobiology of Learning and Memory</i> , 2014, 112, 148-157.	1.0	20
33	Vagus nerve stimulation produces immediate dose-dependent anxiolytic effect in rats. <i>Journal of Affective Disorders</i> , 2020, 265, 552-557.	2.0	18
34	Vagus nerve stimulation enhances fear extinction as an inverted-U function of stimulation intensity. <i>Experimental Neurology</i> , 2021, 341, 113718.	2.0	18
35	Systematic Review and Methodological Considerations for the Use of Single Prolonged Stress and Fear Extinction Retention in Rodents. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 652636.	1.0	17
36	Efficient parameters of vagus nerve stimulation to enhance extinction learning in an extinction-resistant rat model of PTSD. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 99, 109848.	2.5	13

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37	The medial entorhinal cortex mediates basolateral amygdala effects on spatial memory and downstream activity-regulated cytoskeletal-associated protein expression. <i>Neuropsychopharmacology</i> , 2021, 46, 1172-1182.	2.8	8
38	Daily Optogenetic Stimulation of the Left Infralimbic Cortex Reverses Extinction Impairments in Male Rats Exposed to Single Prolonged Stress. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 780326.	1.0	8
39	Vagus nerve stimulation promotes extinction generalization across sensory modalities. <i>Neurobiology of Learning and Memory</i> , 2021, 181, 107425.	1.0	6
40	The M-Maze task: An automated method for studying fear memory in rats exposed to protracted aversive conditioning. <i>Journal of Neuroscience Methods</i> , 2018, 298, 54-65.	1.3	5
41	Emotional modulation of synapses, circuits and memory. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 35.	1.0	2
42	Is there a role for vagus nerve stimulation in the treatment of posttraumatic stress disorder?. <i>Bioelectronics in Medicine</i> , 2018, 1, 95-99.	2.0	2
43	Post-training intra-basolateral complex of the amygdala infusions of clenbuterol enhance memory for conditioned place preference and increase ARC protein expression in dorsal hippocampal synaptic fractions. <i>Neurobiology of Learning and Memory</i> , 2021, 185, 107539.	1.0	1