

Lisa E Kalynchuk

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,385
citations

304743

22
h-index

223800

46
g-index

51
all docs

51
docs citations

51
times ranked

2398
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of repeated corticosterone injections and restraint stress on anxiety and depression-like behavior in male rats. <i>Behavioural Brain Research</i> , 2005, 156, 105-114.	2.2	366
2	Effect of different doses of corticosterone on depression-like behavior and HPA axis responses to a novel stressor. <i>Behavioural Brain Research</i> , 2006, 168, 280-288.	2.2	292
3	Behavioral and neurobiological consequences of prolonged glucocorticoid exposure in rats: Relevance to depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 777-790.	4.8	215
4	Mitochondria and Mood: Mitochondrial Dysfunction as a Key Player in the Manifestation of Depression. <i>Frontiers in Neuroscience</i> , 2018, 12, 386.	2.8	211
5	Corticosterone Increases Depression-Like Behavior, With Some Effects on Predator Odor-Induced Defensive Behavior, in Male and Female Rats.. <i>Behavioral Neuroscience</i> , 2004, 118, 1365-1377.	1.2	163
6	Repeated exposure to corticosterone increases depression-like behavior in two different versions of the forced swim test without altering nonspecific locomotor activity or muscle strength. <i>Physiology and Behavior</i> , 2009, 98, 67-72.	2.1	96
7	Changes in emotional behavior produced by long-term amygdala kindling in rats. <i>Biological Psychiatry</i> , 1997, 41, 438-451.	1.3	87
8	The progressive development of depression-like behavior in corticosterone-treated rats is paralleled by slowed granule cell maturation and decreased reelin expression in the adult dentate gyrus. <i>Neuropharmacology</i> , 2013, 71, 174-183.	4.1	73
9	Repeated exposure to corticosterone, but not restraint, decreases the number of reelin-positive cells in the adult rat hippocampus. <i>Neuroscience Letters</i> , 2009, 460, 170-174.	2.1	72
10	Reelin as a putative vulnerability factor for depression: Examining the depressogenic effects of repeated corticosterone in heterozygous reeler mice. <i>Neuropharmacology</i> , 2011, 60, 1064-1074.	4.1	60
11	Imipramine protects against the deleterious effects of chronic corticosterone on depression-like behavior, hippocampal reelin expression, and neuronal maturation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 60, 52-59.	4.8	59
12	Long-term kindling and interictal emotionality in rats: effect of stimulation site. <i>Brain Research</i> , 1998, 779, 149-157.	2.2	55
13	Sex and repeated restraint stress interact to affect cat odor-induced defensive behavior in adult rats. <i>Brain Research</i> , 2004, 1027, 161-172.	2.2	52
14	Kindling-induced emotional behavior in male and female rats.. <i>Behavioral Neuroscience</i> , 2003, 117, 632-640.	1.2	43
15	Peripheral Etanercept Administration Normalizes Behavior, Hippocampal Neurogenesis, and Hippocampal Reelin and GABAA Receptor Expression in a Preclinical Model of Depression. <i>Frontiers in Pharmacology</i> , 2018, 9, 121.	3.5	40
16	Characterization of the defensive nature of kindling-induced emotionality.. <i>Behavioral Neuroscience</i> , 1999, 113, 766-775.	1.2	36
17	Reelin-Related Disturbances in Depression: Implications for Translational Studies. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 48.	3.7	35
18	Exploring the Potential Antidepressant Mechanisms of TNF α Antagonists. <i>Frontiers in Neuroscience</i> , 2019, 13, 98.	2.8	33

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19	Serotonin receptor binding and mRNA expression in the hippocampus of fearful amygdala-kindled rats. <i>Neuroscience Letters</i> , 2006, 396, 38-43.	2.1	28
20	Serotonin transporter clustering in blood lymphocytes as a putative biomarker of therapeutic efficacy in major depressive disorder. <i>Journal of Affective Disorders</i> , 2012, 137, 46-55.	4.1	28
21	Serotonin 2A receptor clustering in peripheral lymphocytes is altered in major depression and may be a biomarker of therapeutic efficacy. <i>Journal of Affective Disorders</i> , 2014, 163, 47-55.	4.1	26
22	Severe life stress, mitochondrial dysfunction, and depressive behavior: A pathophysiological and therapeutic perspective. <i>Mitochondrion</i> , 2021, 56, 111-117.	3.4	26
23	Positive AMPA receptor modulation in the treatment of neuropsychiatric disorders: A long and winding road. <i>Drug Discovery Today</i> , 2021, 26, 2816-2838.	6.4	26
24	Fast-acting antidepressant-like effects of Reelin evaluated in the repeated-corticosterone chronic stress paradigm. <i>Neuropsychopharmacology</i> , 2020, 45, 1707-1716.	5.4	25
25	Impaired recruitment of seizure-generated neurons into functional memory networks of the adult dentate gyrus following long-term amygdala kindling. <i>Experimental Neurology</i> , 2013, 244, 96-104.	4.1	24
26	Hippocampal involvement in the expression of kindling-induced fear in rats. <i>Neuroscience and Biobehavioral Reviews</i> , 2001, 25, 687-696.	6.1	22
27	Environmental Enrichment Facilitates Amygdala Kindling but Reduces Kindling-Induced Fear in Male Rats.. <i>Behavioral Neuroscience</i> , 2004, 118, 1128-1133.	1.2	20
28	Amygdala kindling increases fear responses and decreases glucocorticoid receptor mRNA expression in hippocampal regions. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2003, 27, 1225-1234.	4.8	18
29	Ketamine Rescues Hippocampal Reelin Expression and Synaptic Markers in the Repeated-Corticosterone Chronic Stress Paradigm. <i>Frontiers in Pharmacology</i> , 2020, 11, 559627.	3.5	17
30	Effect of Amygdala Kindling on Emotional Behavior and Benzodiazepine Receptor Binding in Rats. <i>Annals of the New York Academy of Sciences</i> , 1999, 877, 737-741.	3.8	14
31	Cyclical corticosterone administration sensitizes depression-like behavior in rats. <i>Neuroscience Letters</i> , 2017, 650, 45-51.	2.1	14
32	Serotonin transporter clustering in blood lymphocytes predicts the outcome on anhedonia scores in naïve depressive patients treated with antidepressant medication. <i>Annals of General Psychiatry</i> , 2015, 14, 45.	2.7	13
33	The Role of MeCP2 in Regulating Synaptic Plasticity in the Context of Stress and Depression. <i>Cells</i> , 2022, 11, 748.	4.1	12
34	Altered synapsin I immunoreactivity and fear behavior in male and female rats subjected to long-term amygdala kindling. <i>Behavioural Brain Research</i> , 2009, 196, 106-115.	2.2	11
35	Patient oriented research in mental health: matching laboratory to life and beyond in Canada. <i>Research Involvement and Engagement</i> , 2021, 7, 21.	2.9	10
36	Reelin has antidepressant-like effects after repeated or singular peripheral injections. <i>Neuropharmacology</i> , 2022, 211, 109043.	4.1	10

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37	The Coexpression of Reelin and Neuronal Nitric Oxide Synthase in a Subpopulation of Dentate Gyrus Neurons Is Downregulated in Heterozygous Reeler Mice. <i>Neural Plasticity</i> , 2010, 2010, 1-10.	2.2	9
38	Amygdala kindling decreases insulin-like growth factor-I receptor binding sites in the rat hippocampus. <i>Brain Research</i> , 2002, 935, 118-123.	2.2	7
39	Differential effects of corticosterone on the colocalization of reelin and neuronal nitric oxide synthase in the adult hippocampus in wild type and heterozygous reeler mice. <i>Brain Research</i> , 2015, 1594, 274-283.	2.2	7
40	Cyclical administration of corticosterone results in aggravation of depression-like behaviors and accompanying downregulations in reelin in an animal model of chronic stress relevant to human recurrent depression. <i>Physiology and Behavior</i> , 2020, 224, 113070.	2.1	7
41	Changes in Membrane Protein Clustering in Peripheral Lymphocytes in an Animal Model of Depression Parallel Those Observed in Na ⁺ -ve Depression Patients: Implications for the Development of Novel Biomarkers of Depression. <i>Frontiers in Pharmacology</i> , 2018, 9, 1149.	3.5	5
42	Patterns of Membrane Protein Clustering in Peripheral Lymphocytes as Predictors of Therapeutic Outcomes in Major Depressive Disorder. <i>Frontiers in Pharmacology</i> , 2019, 10, 190.	3.5	5
43	The effect of left and right long-term amygdala kindling on interictal emotionality and Fos expression. <i>Epilepsy and Behavior</i> , 2020, 104, 106910.	1.7	4
44	Altered acoustic startle, prepulse facilitation, and object recognition memory produced by corticosterone withdrawal in male rats. <i>Behavioural Brain Research</i> , 2021, 408, 113291.	2.2	3
45	Repeated corticosterone enhances the acquisition and recall of trace fear conditioning. <i>Physiology and Behavior</i> , 2017, 182, 40-45.	2.1	2
46	Mitochondrial dysfunction and affective disorders: Focus on diet, exercise, and aging. , 2021, , 3-34.		2
47	Editorial: Novel Approaches to the Neuropharmacology of Mood Disorders. <i>Frontiers in Pharmacology</i> , 2019, 10, 589.	3.5	1
48	A Potential Role for the Hippocampus in the Expression of Kindling-Induced Fear. , 2005, , 285-294.		1
49	Behavioral and neurobiological consequences of stress. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 731-732.	4.8	0