

Christine Ann A Denny

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

4,007
citations

201674

27
h-index

197818

49
g-index

61
all docs

61
docs citations

61
times ranked

4994
citing authors

#	ARTICLE	IF	CITATIONS
1	Hippocampal Memory Traces Are Differentially Modulated by Experience, Time, and Adult Neurogenesis. <i>Neuron</i> , 2014, 83, 189-201.	8.1	425
2	Maternal and Offspring Pools of Osteocalcin Influence Brain Development and Functions. <i>Cell</i> , 2013, 155, 228-241.	28.9	348
3	Distinct Contribution of Adult-Born Hippocampal Granule Cells to Context Encoding. <i>Neuron</i> , 2016, 90, 101-112.	8.1	319
4	The participation of cortical amygdala in innate, odour-driven behaviour. <i>Nature</i> , 2014, 515, 269-273.	27.8	235
5	Ketamine as a Prophylactic Against Stress-Induced Depressive-like Behavior. <i>Biological Psychiatry</i> , 2016, 79, 776-786.	1.3	201
6	Distinct hippocampal engrams control extinction and relapse of fear memory. <i>Nature Neuroscience</i> , 2019, 22, 753-761.	14.8	196
7	4- to 6-week-old adult-born hippocampal neurons influence novelty-evoked exploration and contextual fear conditioning. <i>Hippocampus</i> , 2012, 22, 1188-1201.	1.9	174
8	An Animal Model of a Behavioral Intervention for Depression. <i>Neuron</i> , 2008, 60, 149-161.	8.1	147
9	Arrest of adult hippocampal neurogenesis in mice impairs single- but not multiple-trial contextual fear conditioning. <i>Behavioral Neuroscience</i> , 2010, 124, 446-454.	1.2	140
10	Adult-born hippocampal neurons bidirectionally modulate entorhinal inputs into the dentate gyrus. <i>Science</i> , 2019, 364, 578-583.	12.6	138
11	Activation of local inhibitory circuits in the dentate gyrus by adult-born neurons. <i>Hippocampus</i> , 2016, 26, 763-778.	1.9	126
12	Pcdh1c2 is required for axonal tiling and assembly of serotonergic circuitries in mice. <i>Science</i> , 2017, 356, 406-411.	12.6	121
13	Glycolipid and ganglioside metabolism imbalances in Huntington's disease. <i>Neurobiology of Disease</i> , 2007, 27, 265-277.	4.4	120
14	Common Neurotransmission Recruited in (R,S)-Ketamine and (2R,6R)-Hydroxynorketamine-Induced Sustained Antidepressant-like Effects. <i>Biological Psychiatry</i> , 2018, 84, e3-e6.	1.3	112
15	Proximodistal Heterogeneity of Hippocampal CA3 Pyramidal Neuron Intrinsic Properties, Connectivity, and Reactivation during Memory Recall. <i>Neuron</i> , 2017, 95, 656-672.e3.	8.1	99
16	Caloric restriction in C57BL/6J mice mimics therapeutic fasting in humans. <i>Lipids in Health and Disease</i> , 2006, 5, 13.	3.0	86
17	Neurobiological Mechanisms of Stress Resilience and Implications for the Aged Population. <i>Current Neuropharmacology</i> , 2018, 16, 234-270.	2.9	81
18	Prophylactic Ketamine Attenuates Learned Fear. <i>Neuropsychopharmacology</i> , 2017, 42, 1577-1589.	5.4	80

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19	Suppression of Adult Neurogenesis Increases the Acute Effects of Kainic Acid. <i>Experimental Neurology</i> , 2015, 264, 135-149.	4.1	79
20	Optogenetic stimulation of dentate gyrus engrams restores memory in Alzheimer's disease mice. <i>Hippocampus</i> , 2017, 27, 1110-1122.	1.9	72
21	Ventral CA3 Activation Mediates Prophylactic Ketamine Efficacy Against Stress-Induced Depressive-like Behavior. <i>Biological Psychiatry</i> , 2018, 84, 846-856.	1.3	71
22	RbAp48 Protein Is a Critical Component of GPR158/OCN Signaling and Ameliorates Age-Related Memory Loss. <i>Cell Reports</i> , 2018, 25, 959-973.e6.	6.4	56
23	Prophylactic ketamine alters nucleotide and neurotransmitter metabolism in brain and plasma following stress. <i>Neuropsychopharmacology</i> , 2018, 43, 1813-1821.	5.4	44
24	Prophylactic (R,S)-ketamine selectively protects against inflammatory stressors. <i>Behavioural Brain Research</i> , 2020, 378, 112238.	2.2	40
25	Sex-specific neurobiological actions of prophylactic (R,S)-ketamine, (2R,6R)-hydroxynorketamine, and (2S,6S)-hydroxynorketamine. <i>Neuropsychopharmacology</i> , 2020, 45, 1545-1556.	5.4	40
26	Cerebellar lipid differences between R6/1 transgenic mice and humans with Huntington's disease. <i>Journal of Neurochemistry</i> , 2010, 115, 748-758.	3.9	36
27	Influence of caloric restriction on motor behavior, longevity, and brain lipid composition in Sandhoff disease mice. <i>Journal of Neuroscience Research</i> , 2006, 83, 1028-1038.	2.9	35
28	Improved specificity of hippocampal memory trace labeling. <i>Hippocampus</i> , 2016, 26, 752-762.	1.9	34
29	From Engrams to Pathologies of the Brain. <i>Frontiers in Neural Circuits</i> , 2017, 11, 23.	2.8	32
30	Optogenetic reactivation of prefrontal social neural ensembles mimics social buffering of fear. <i>Neuropsychopharmacology</i> , 2020, 45, 1068-1077.	5.4	28
31	Rapid Anxiolytic Effects of RS67333, a Serotonin Type 4 Receptor Agonist, and Diazepam, a Benzodiazepine, Are Mediated by Projections From the Prefrontal Cortex to the Dorsal Raphe Nucleus. <i>Biological Psychiatry</i> , 2020, 87, 514-525.	1.3	27
32	Prophylactic efficacy of 5-HT4R agonists against stress. <i>Neuropsychopharmacology</i> , 2020, 45, 542-552.	5.4	27
33	Propranolol Decreases Fear Expression by Modulating Fear Memory Traces. <i>Biological Psychiatry</i> , 2021, 89, 1150-1161.	1.3	25
34	Olfactory memory is enhanced in mice exposed to extremely low-frequency electromagnetic fields via Wnt/ β -catenin dependent modulation of subventricular zone neurogenesis. <i>Scientific Reports</i> , 2018, 8, 262.	3.3	24
35	Neurochemical, morphological, and neurophysiological abnormalities in retinas of Sandhoff and GM1 gangliosidosis mice. <i>Journal of Neurochemistry</i> , 2007, 101, 1294-1302.	3.9	23
36	Restricted ketogenic diet enhances the therapeutic action of N-butyldeoxynojirimycin towards brain GM2 accumulation in adult Sandhoff disease mice. <i>Journal of Neurochemistry</i> , 2010, 113, 1525-1535.	3.9	23

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37	Divergence in the metabolome between natural aging and Alzheimer's disease. <i>Scientific Reports</i> , 2020, 10, 12171.	3.3	21
38	Behavioral and neurobiological effects of GnRH agonist treatment in mice—potential implications for puberty suppression in transgender individuals. <i>Neuropsychopharmacology</i> , 2021, 46, 882-890.	5.4	17
39	Optimization of immunolabeling and clearing techniques for indelibly labeled memory traces. <i>Hippocampus</i> , 2018, 28, 523-535.	1.9	16
40	Persistent increases of PKM η in memory-activated neurons trace LTP maintenance during spatial long-term memory storage. <i>European Journal of Neuroscience</i> , 2021, 54, 6795-6814.	2.6	15
41	Antidepressant but Not Prophylactic Ketamine Administration Alters Calretinin and Calbindin Expression in the Ventral Hippocampus. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 404.	2.9	12
42	Brain Lipid Analysis in Mice with Rett Syndrome. <i>Neurochemical Research</i> , 2009, 34, 1057-1065.	3.3	9
43	3D microphotonic probe for high resolution deep tissue imaging. <i>Optics Express</i> , 2019, 27, 22352.	3.4	9
44	Fluoroethylnormemantine, a Novel NMDA Receptor Antagonist, for the Prevention and Treatment of Stress-Induced Maladaptive Behavior. <i>Biological Psychiatry</i> , 2021, 90, 458-472.	1.3	9
45	Microphotonic needle for minimally invasive endoscopic imaging with sub-cellular resolution. <i>Scientific Reports</i> , 2018, 8, 10756.	3.3	8
46	Regulation of hippocampal memory traces by neurogenesis. <i>Neurogenesis (Austin, Tex)</i> , 2015, 2, e1025180.	1.5	7
47	Fluoroethylnormemantine, A Novel Derivative of Memantine, Facilitates Extinction Learning Without Sensorimotor Deficits. <i>International Journal of Neuropsychopharmacology</i> , 2021, 24, 519-531.	2.1	7
48	Prophylactic (R,S)-Ketamine Is Effective Against Stress-Induced Behaviors in Adolescent but Not Aged Mice. <i>International Journal of Neuropsychopharmacology</i> , 2022, 25, 512-523.	2.1	5
49	Acute (R,S)-Ketamine Administration Induces Sex-Specific Behavioral Effects in Adolescent but Not Aged Mice. <i>Frontiers in Neuroscience</i> , 2022, 16, 852010.	2.8	2
50	Propranolol Administration Modulates Neural Activity in the Hippocampal Hilus During Fear Retrieval. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	2.0	2
51	Cover Image, Volume 28, Issue 7. <i>Hippocampus</i> , 2018, 28, C1.	1.9	0
52	Outsmarting (and outrunning) nature's harsh decree. <i>Nature Neuroscience</i> , 2018, 21, 1141-1142.	14.8	0
53	S136. Is Ketamine Metabolism to Norketamine and (2R,6R)-HNK Necessary for its Sustained Antidepressant-Like Activity and Cortical Neurotransmitter Release in Mice?. <i>Biological Psychiatry</i> , 2019, 85, S349.	1.3	0
54	Efficacy of Intranasal Delivery of (R,S)-Ketamine to the Mouse Brain. <i>Biological Psychiatry</i> , 2020, 87, S390-S391.	1.3	0

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55	Propranolol Decreases Fear Expression by Modulating Engrams in the Dorsal Dentate Gyrus. <i>Biological Psychiatry</i> , 2020, 87, S30.	1.3	0
56	Sex Differences in Cognition, Neuropsychiatric Symptoms, and Sleep in an Alzheimer’s Disease Mouse Model. <i>Biological Psychiatry</i> , 2021, 89, S116.	1.3	0