

Catherine A Christian

List of Publications by Year in descending order

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44
papers

1,465
citations

567281

15
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345221

36
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docs citations

48
times ranked

1487
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacological inhibition of STrialalâ€Enriched protein tyrosine Phosphatase by TCâ€2153 reduces hippocampal excitability and seizure propensity. <i>Epilepsia</i> , 2022, 63, 1211-1224.	5.1	4
2	Phenotypic differences based on lateralization of intrahippocampal kainic acid injection in female mice. <i>Experimental Neurology</i> , 2022, 355, 114118.	4.1	10
3	Epilepsy-associated increase in gonadotropin-releasing hormone neuron firing in diestrous female mice is independent of chronic seizure burden severity. <i>Epilepsy Research</i> , 2022, 184, 106948.	1.6	7
4	Is On-Demand Dynorphin Destined to Be in Demand to Decrease Seizures?. <i>Epilepsy Currents</i> , 2021, 21, 48-50.	0.8	1
5	Infantile spasmsâ€linked Nedd4â€2 mediates hippocampal plasticity and learning via cofilin signaling. <i>EMBO Reports</i> , 2021, 22, e52645.	4.5	6
6	From benzodiazepines to fatty acids and beyond: revisiting the role of ACBP/DBI. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 890-903.	7.1	17
7	Spontaneous seizure and memory loss in mice expressing an epileptic encephalopathy variant in the calmodulin-binding domain of K _v7.2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	12
8	Show Me the Meaning of Being Lonely (and Its Effects on Seizure Burden and Comorbidities). <i>Epilepsy Currents</i> , 2020, 20, 48-50.	0.8	0
9	Nucleusâ€specific modulation of phasic and tonic inhibition by endogenous neurosteroidogenesis in the murine thalamus. <i>Synapse</i> , 2020, 74, e22144.	1.2	0
10	Seizure burden fluctuates with the female reproductive cycle in a mouse model of chronic temporal lobe epilepsy. <i>Experimental Neurology</i> , 2020, 334, 113492.	4.1	26
11	Assessinâ€™ the Vexinâ€™ Connexin Between Severity of Epilepsy and Hippocampal Gliosis. <i>Epilepsy Currents</i> , 2020, 20, 294-296.	0.8	1
12	Sex Differences in the Epilepsies and Associated Comorbidities: Implications for Use and Development of Pharmacotherapies. <i>Pharmacological Reviews</i> , 2020, 72, 767-800.	16.0	58
13	Simultaneous two-photon activation and imaging of neural activity based on spectralâ€temporal modulation of supercontinuum light. <i>Neurophotonics</i> , 2020, 7, 045007.	3.3	7
14	A Single Test to Study Social Behavior and Repetitive Self-grooming in Mice. <i>Bio-protocol</i> , 2020, 10, .	0.4	1
15	Differential impacts on multiple forms of spatial and contextual memory in diazepam binding inhibitor knockout mice. <i>Journal of Neuroscience Research</i> , 2019, 97, 683-697.	2.9	12
16	Changes in Both Neuron Intrinsic Properties and Neurotransmission Are Needed to Drive the Increase in GnRH Neuron Firing Rate during Estradiol-Positive Feedback. <i>Journal of Neuroscience</i> , 2019, 39, 2091-2101.	3.6	12
17	Inhibition Gets a New KAR Smell. <i>Epilepsy Currents</i> , 2019, 19, 187-189.	0.8	0
18	Estrous Cycle Monitoring in Mice with Rapid Data Visualization and Analysis. <i>Bio-protocol</i> , 2019, 9, .	0.4	16

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19	Genetic loss of diazepam binding inhibitor in mice impairs social interest. <i>Genes, Brain and Behavior</i> , 2018, 17, e12442.	2.2	15
20	Persistent Protection against Pathology and Paroxysms by P2X7R Antagonism. <i>Epilepsy Currents</i> , 2018, 18, 42-44.	0.8	2
21	The Perils of Generalizing about GABA in Seizure Generalization. <i>Epilepsy Currents</i> , 2018, 18, 113-114.	0.8	1
22	Subregion-Specific Impacts of Genetic Loss of Diazepam Binding Inhibitor on Synaptic Inhibition in the Murine Hippocampus. <i>Neuroscience</i> , 2018, 388, 128-138.	2.3	11
23	Dynamic and Sex-Specific Changes in Gonadotropin-Releasing Hormone Neuron Activity and Excitability in a Mouse Model of Temporal Lobe Epilepsy. <i>ENeuro</i> , 2018, 5, ENEURO.0273-18.2018.	1.9	22
24	Regulation of Thalamic and Cortical Network Synchrony by Scn8a. <i>Neuron</i> , 2017, 93, 1165-1179.e6.	8.1	93
25	Disrupted female estrous cyclicity in the intrahippocampal kainic acid mouse model of temporal lobe epilepsy. <i>Epilepsia Open</i> , 2017, 2, 39-47.	2.4	33
26	Neurophysiology of Gonadotropin-Releasing Hormone Neurons. , 2017, , 379-400.		0
27	Mom Genes: A Role for Loss of Maternal Ube3a in GABAergic Neurons in Angelman Syndrome. <i>Epilepsy Currents</i> , 2017, 17, 237-238.	0.8	0
28	Developmental Inflammation Takes a Toll: Early Immune Responses Increase Seizure Susceptibility via Astrocytic TLR4 Signaling. <i>Epilepsy Currents</i> , 2017, 17, 370-371.	0.8	3
29	Seizure Activity and Intervention Efficacy Are Shaped by REMnants of Preceding Brain States. <i>Epilepsy Currents</i> , 2016, 16, 164-165.	0.8	0
30	A Nose for Seizures: A Potential Role for Olfaction in the Co-Morbidity of Depression and Epilepsy?. <i>Epilepsy Currents</i> , 2016, 16, 256-257.	0.8	2
31	Feedback modulation of neural network synchrony and seizure susceptibility by Mdm2-p53-Nedd4-2 signaling. <i>Molecular Brain</i> , 2016, 9, 32.	2.6	28
32	Endogenous Positive Allosteric Modulation of GABAA Receptors by Diazepam binding inhibitor. <i>Neuron</i> , 2013, 78, 1063-1074.	8.1	79
33	Sniffer patch laser uncaging response (SPLURgE): an assay of regional differences in allosteric receptor modulation and neurotransmitter clearance. <i>Journal of Neurophysiology</i> , 2013, 110, 1722-1731.	1.8	3
34	Astrocytes potentiate GABAergic transmission in the thalamic reticular nucleus via endozepine signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20278-20283.	7.1	51
35	Focal Cortical Infarcts Alter Intrinsic Excitability and Synaptic Excitation in the Reticular Thalamic Nucleus. <i>Journal of Neuroscience</i> , 2010, 30, 5465-5479.	3.6	65
36	The Neurobiology of Preovulatory and Estradiol-Induced Gonadotropin-Releasing Hormone Surges. <i>Endocrine Reviews</i> , 2010, 31, 544-577.	20.1	244

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37	Estradiol Suppresses Glutamatergic Transmission to Gonadotropin-Releasing Hormone Neurons in a Model of Negative Feedback in Mice. <i>Biology of Reproduction</i> , 2009, 80, 1128-1135.	2.7	51
38	Neurobiological Mechanisms Underlying Oestradiol Negative and Positive Feedback Regulation of Gonadotrophin-Releasing Hormone Neurons. <i>Journal of Neuroendocrinology</i> , 2009, 21, 327-333.	2.6	66
39	Classical Estrogen Receptor α Signaling Mediates Negative and Positive Feedback on Gonadotropin-Releasing Hormone Neuron Firing. <i>Endocrinology</i> , 2008, 149, 5328-5334.	2.8	72
40	Critical Roles for Fast Synaptic Transmission in Mediating Estradiol Negative and Positive Feedback in the Neural Control of Ovulation. <i>Endocrinology</i> , 2008, 149, 5500-5508.	2.8	34
41	Vasoactive Intestinal Polypeptide Can Excite Gonadotropin-Releasing Hormone Neurons in a Manner Dependent on Estradiol and Gated by Time of Day. <i>Endocrinology</i> , 2008, 149, 3130-3136.	2.8	85
42	Estradiol Induces Diurnal Shifts in GABA Transmission to Gonadotropin-Releasing Hormone Neurons to Provide a Neural Signal for Ovulation. <i>Journal of Neuroscience</i> , 2007, 27, 1913-1921.	3.6	115
43	Diurnal and estradiol-dependent changes in gonadotropin-releasing hormone neuron firing activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15682-15687.	7.1	186
44	THREE DAYS OF NOVEL WHEEL ACCESS DIMINISHES LIGHT-INDUCED PHASE DELAYS IN VIVO WITH NO EFFECT ON PER1 INDUCTION BY LIGHT. <i>Chronobiology International</i> , 2002, 19, 671-682.	2.0	8