

Kimberly M Christian

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

10,010
citations

159585

30
h-index

189892

50
g-index

54
all docs

54
docs citations

54
times ranked

15052
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain-Region-Specific Organoids Using Mini-bioreactors for Modeling ZIKV Exposure. <i>Cell</i> , 2016, 165, 1238-1254.	28.9	1,680
2	Zika Virus Infects Human Cortical Neural Progenitors and Attenuates Their Growth. <i>Cell Stem Cell</i> , 2016, 18, 587-590.	11.1	1,125
3	Single-Cell RNA-Seq with Waterfall Reveals Molecular Cascades underlying Adult Neurogenesis. <i>Cell Stem Cell</i> , 2015, 17, 360-372.	11.1	680
4	BDNF: A key regulator for protein synthesis-dependent LTP and long-term memory?. <i>Neurobiology of Learning and Memory</i> , 2008, 89, 312-323.	1.9	646
5	Identification of small-molecule inhibitors of Zika virus infection and induced neural cell death via a drug repurposing screen. <i>Nature Medicine</i> , 2016, 22, 1101-1107.	30.7	581
6	Neural Substrates of Eyeblink Conditioning: Acquisition and Retention. <i>Learning and Memory</i> , 2003, 10, 427-455.	1.3	539
7	A Patient-Derived Glioblastoma Organoid Model and Biobank Recapitulates Inter- and Intra-tumoral Heterogeneity. <i>Cell</i> , 2020, 180, 188-204.e22.	28.9	529
8	Synaptic dysregulation in a human iPSC cell model of mental disorders. <i>Nature</i> , 2014, 515, 414-418.	27.8	471
9	Neuronal circuitry mechanism regulating adult quiescent neural stem-cell fate decision. <i>Nature</i> , 2012, 489, 150-154.	27.8	463
10	Functions and Dysfunctions of Adult Hippocampal Neurogenesis. <i>Annual Review of Neuroscience</i> , 2014, 37, 243-262.	10.7	344
11	Epigenetic mechanisms in neurogenesis. <i>Nature Reviews Neuroscience</i> , 2016, 17, 537-549.	10.2	299
12	Modeling a Genetic Risk for Schizophrenia in iPSCs and Mice Reveals Neural Stem Cell Deficits Associated with Adherens Junctions and Polarity. <i>Cell Stem Cell</i> , 2014, 15, 79-91.	11.1	238
13	Spatial Representations of Granule Cells and Mossy Cells of the Dentate Gyrus. <i>Neuron</i> , 2017, 93, 677-690.e5.	8.1	219
14	Interplay between DISC1 and GABA Signaling Regulates Neurogenesis in Mice and Risk for Schizophrenia. <i>Cell</i> , 2012, 148, 1051-1064.	28.9	196
15	A human brain microphysiological system derived from induced pluripotent stem cells to study neurological diseases and toxicity. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2017, 34, 362-376.	1.5	195
16	Parvalbumin interneurons mediate neuronal circuitry-neurogenesis coupling in the adult hippocampus. <i>Nature Neuroscience</i> , 2013, 16, 1728-1730.	14.8	191
17	Secreted Frizzled-Related Protein 3 Regulates Activity-Dependent Adult Hippocampal Neurogenesis. <i>Cell Stem Cell</i> , 2013, 12, 215-223.	11.1	173
18	Zika-Virus-Encoded NS2A Disrupts Mammalian Cortical Neurogenesis by Degrading Adherens Junction Proteins. <i>Cell Stem Cell</i> , 2017, 21, 349-358.e6.	11.1	163

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19	Molecular signatures associated with ZIKV exposure in human cortical neural progenitors. <i>Nucleic Acids Research</i> , 2016, 44, 8610-8620.	14.5	155
20	Adult Neurogenesis and Psychiatric Disorders. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a019026.	5.5	146
21	Modification of hippocampal circuitry by adult neurogenesis. <i>Developmental Neurobiology</i> , 2012, 72, 1032-1043.	3.0	113
22	Interaction between FEZ1 and DISC1 in Regulation of Neuronal Development and Risk for Schizophrenia. <i>Neuron</i> , 2011, 72, 559-571.	8.1	89
23	Brain-specific Crmp2 deletion leads to neuronal development deficits and behavioural impairments in mice. <i>Nature Communications</i> , 2016, 7, .	12.8	84
24	Modeling psychiatric disorders with patient-derived iPSCs. <i>Current Opinion in Neurobiology</i> , 2016, 36, 118-127.	4.2	72
25	Seamless Reconstruction of Intact Adult-Born Neurons by Serial End-Block Imaging Reveals Complex Axonal Guidance and Development in the Adult Hippocampus. <i>Journal of Neuroscience</i> , 2013, 33, 11400-11411.	3.6	62
26	Long-Term Storage of an Associative Memory Trace in the Cerebellum.. <i>Behavioral Neuroscience</i> , 2005, 119, 526-537.	1.2	60
27	Time-dependent involvement of adult-born dentate granule cells in behavior. <i>Behavioural Brain Research</i> , 2012, 227, 470-479.	2.2	56
28	CA3 NMDA receptors are crucial for rapid and automatic representation of context memory. <i>European Journal of Neuroscience</i> , 2006, 24, 1771-1780.	2.6	51
29	Synaptic dysfunction in complex psychiatric disorders: from genetics to mechanisms. <i>Genome Medicine</i> , 2018, 10, 9.	8.2	44
30	Pathophysiology and Mechanisms of Zika Virus Infection in the Nervous System. <i>Annual Review of Neuroscience</i> , 2019, 42, 249-269.	10.7	41
31	Evaluating Neurodevelopmental Consequences of Perinatal Exposure to Antiretroviral Drugs: Current Challenges and New Approaches. <i>Journal of Neuroimmune Pharmacology</i> , 2021, 16, 113-129.	4.1	26
32	Cellular Reprogramming: Recent Advances in Modeling Neurological Diseases. <i>Journal of Neuroscience</i> , 2011, 31, 16070-16075.	3.6	25
33	Tbr2-expressing intermediate progenitor cells in the adult mouse hippocampus are unipotent neuronal precursors with limited amplification capacity under homeostasis. <i>Frontiers in Biology</i> , 2015, 10, 262-271.	0.7	25
34	A septo-temporal molecular gradient of sfrp3 in the dentate gyrus differentially regulates quiescent adult hippocampal neural stem cell activation. <i>Molecular Brain</i> , 2015, 8, 52.	2.6	25
35	Interplay between a Mental Disorder Risk Gene and Developmental Polarity Switch of GABA Action Leads to Excitation-Inhibition Imbalance. <i>Cell Reports</i> , 2019, 28, 1419-1428.e3.	6.4	23
36	Adult neurogenesis and the dentate gyrus: Predicting function from form. <i>Behavioural Brain Research</i> , 2020, 379, 112346.	2.2	22

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37	Structural interaction between DISC1 and ATF4 underlying transcriptional and synaptic dysregulation in an iPSC model of mental disorders. <i>Molecular Psychiatry</i> , 2021, 26, 1346-1360.	7.9	22
38	Adult neurogenesis as a cellular model to study schizophrenia. <i>Cell Cycle</i> , 2010, 9, 636-637.	2.6	18
39	Flexible encoding of objects and space in single cells of the dentate gyrus. <i>Current Biology</i> , 2022, 32, 1088-1101.e5.	3.9	18
40	Pharmacological rescue in patient iPSC and mouse models with a rare DISC1 mutation. <i>Nature Communications</i> , 2021, 12, 1398.	12.8	17
41	Applications of Brain Organoids for Infectious Diseases. <i>Journal of Molecular Biology</i> , 2022, 434, 167243.	4.2	17
42	DISC1-mediated dysregulation of adult hippocampal neurogenesis in rats. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 93.	2.5	14
43	Rheb1 mediates DISC1-dependent regulation of new neuron development in the adult hippocampus. <i>Neurogenesis (Austin, Tex)</i> , 2015, 2, e1081715.	1.5	9
44	CYFIP1 Dosages Exhibit Divergent Behavioral Impact via Diametric Regulation of NMDA Receptor Complex Translation in Mouse Models of Psychiatric Disorders. <i>Biological Psychiatry</i> , 2022, 92, 815-826.	1.3	8
45	An Integrated Systems Biology Approach Identifies the Proteasome as A Critical Host Machinery for ZIKV and DENV Replication. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 108-122.	6.9	7
46	Application of reprogrammed patient cells to investigate the etiology of neurological and psychiatric disorders. <i>Frontiers in Biology</i> , 2012, 7, 179-188.	0.7	6
47	Using Induced Pluripotent Stem Cells to Investigate Complex Genetic Psychiatric Disorders. <i>Current Behavioral Neuroscience Reports</i> , 2016, 3, 275-284.	1.3	6
48	Using Two- and Three-Dimensional Human iPSC Culture Systems to Model Psychiatric Disorders. <i>Advances in Neurobiology</i> , 2020, 25, 237-257.	1.8	6
49	Life or death: developing cortical interneurons make their own decision. <i>EMBO Journal</i> , 2012, 31, 4373-4374.	7.8	5
50	A previously undetected pathology of Zika virus infection. <i>Nature Medicine</i> , 2018, 24, 258-259.	30.7	2
51	Modeling Brain Development Using Human Cells for the Study and Treatment of Zika Virus Infections. <i>Current Behavioral Neuroscience Reports</i> , 2016, 3, 381-383.	1.3	0