Kimberly M Christian

List of Publications by Year
in descending order

51	10,010	182225	214428
papers	citations	30 h-index	50 g-index

54	54	54	16572
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CYFIP1 Dosages Exhibit Divergent Behavioral Impact via Diametric Regulation of NMDA Receptor Complex Translation in Mouse Models of Psychiatric Disorders. Biological Psychiatry, 2022, 92, 815-826.	0.7	8
2	Applications of Brain Organoids for Infectious Diseases. Journal of Molecular Biology, 2022, 434, 167243.	2.0	17
3	Flexible encoding of objects and space in single cells of the dentate gyrus. Current Biology, 2022, 32, 1088-1101.e5.	1.8	18
4	Structural interaction between DISC1 and ATF4 underlying transcriptional and synaptic dysregulation in an iPSC model of mental disorders. Molecular Psychiatry, 2021, 26, 1346-1360.	4.1	22
5	Evaluating Neurodevelopmental Consequences of Perinatal Exposure to Antiretroviral Drugs: Current Challenges and New Approaches. Journal of NeuroImmune Pharmacology, 2021, 16, 113-129.	2.1	26
6	An Integrated Systems Biology Approach Identifies the Proteasome as A Critical Host Machinery for ZIKV and DENV Replication. Genomics, Proteomics and Bioinformatics, 2021, 19, 108-122.	3.0	7
7	Pharmacological rescue in patient iPSC and mouse models with a rare DISC1 mutation. Nature Communications, 2021, 12, 1398.	5.8	17
8	A Patient-Derived Glioblastoma Organoid Model and Biobank Recapitulates Inter- and Intra-tumoral Heterogeneity. Cell, 2020, 180, 188-204.e22.	13.5	529
9	Adult neurogenesis and the dentate gyrus: Predicting function from form. Behavioural Brain Research, 2020, 379, 112346.	1.2	22
10	Using Two- and Three-Dimensional Human iPSC Culture Systems to Model Psychiatric Disorders. Advances in Neurobiology, 2020, 25, 237-257.	1.3	6
11	Interplay between a Mental Disorder Risk Gene and Developmental Polarity Switch of GABA Action Leads to Excitation-Inhibition Imbalance. Cell Reports, 2019, 28, 1419-1428.e3.	2.9	23
12	Pathophysiology and Mechanisms of Zika Virus Infection in the Nervous System. Annual Review of Neuroscience, 2019, 42, 249-269.	5.0	41
13	A previously undetected pathology of Zika virus infection. Nature Medicine, 2018, 24, 258-259.	15.2	2
14	Synaptic dysfunction in complex psychiatric disorders: from genetics to mechanisms. Genome Medicine, 2018, 10, 9.	3.6	44
15	Spatial Representations of Granule Cells and Mossy Cells of the Dentate Gyrus. Neuron, 2017, 93, 677-690.e5.	3.8	219
16	Zika-Virus-Encoded NS2A Disrupts Mammalian Cortical Neurogenesis by Degrading Adherens Junction Proteins. Cell Stem Cell, 2017, 21, 349-358.e6.	5.2	163
17	A human brain microphysiological system derived from induced pluripotent stem cells to study neurological diseases and toxicity. ALTEX: Alternatives To Animal Experimentation, 2017, 34, 362-376.	0.9	195
18	Brain-specific Crmp2 deletion leads to neuronal development deficits and behavioural impairments in mice. Nature Communications, 2016, 7, .	5.8	84

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19	Using Induced Pluripotent Stem Cells to Investigate Complex Genetic Psychiatric Disorders. Current Behavioral Neuroscience Reports, 2016, 3, 275-284.	0.6	6
20	Zika Virus Infects Human Cortical Neural Progenitors and Attenuates Their Growth. Cell Stem Cell, 2016, 18, 587-590.	5.2	1,125
21	Brain-Region-Specific Organoids Using Mini-bioreactors for Modeling ZIKV Exposure. Cell, 2016, 165, 1238-1254.	13.5	1,680
22	Identification of small-molecule inhibitors of Zika virus infection and induced neural cell death via a drug repurposing screen. Nature Medicine, 2016, 22, 1101-1107.	15.2	581
23	Molecular signatures associated with ZIKV exposure in human cortical neural progenitors. Nucleic Acids Research, 2016, 44, 8610-8620.	6.5	155
24	Modeling Brain Development Using Human Cells for the Study and Treatment of Zika Virus Infections. Current Behavioral Neuroscience Reports, 2016, 3, 381-383.	0.6	0
25	Epigenetic mechanisms in neurogenesis. Nature Reviews Neuroscience, 2016, 17, 537-549.	4.9	299
26	Adult Neurogenesis and Psychiatric Disorders. Cold Spring Harbor Perspectives in Biology, 2016, 8, a019026.	2.3	146
27	Modeling psychiatric disorders with patient-derived iPSCs. Current Opinion in Neurobiology, 2016, 36, 118-127.	2.0	72
28	DISC1-mediated dysregulation of adult hippocampal neurogenesis in rats. Frontiers in Systems Neuroscience, 2015, 9, 93.	1.2	14
29	Rheb1 mediates DISC1-dependent regulation of new neuron development in the adult hippocampus. Neurogenesis (Austin, Tex), 2015, 2, e1081715.	1.5	9
30	Single-Cell RNA-Seq with Waterfall Reveals Molecular Cascades underlying Adult Neurogenesis. Cell Stem Cell, 2015, 17, 360-372.	5.2	680
31	Tbr2-expressing intermediate progenitor cells in the adult mouse hippocampus are unipotent neuronal precursors with limited amplification capacity under homeostasis. Frontiers in Biology, 2015, 10, 262-271.	0.7	25
32	A septo-temporal molecular gradient of sfrp3 in the dentate gyrus differentially regulates quiescent adult hippocampal neural stem cell activation. Molecular Brain, 2015, 8, 52.	1.3	25
33	Modeling a Genetic Risk for Schizophrenia in iPSCs and Mice Reveals Neural Stem Cell Deficits Associated with Adherens Junctions and Polarity. Cell Stem Cell, 2014, 15, 79-91.	5.2	238
34	Synaptic dysregulation in a human iPS cell model of mental disorders. Nature, 2014, 515, 414-418.	13.7	471
35	Functions and Dysfunctions of Adult Hippocampal Neurogenesis. Annual Review of Neuroscience, 2014, 37, 243-262.	5.0	344
36	Seamless Reconstruction of Intact Adult-Born Neurons by Serial End-Block Imaging Reveals Complex Axonal Guidance and Development in the Adult Hippocampus. Journal of Neuroscience, 2013, 33, 11400-11411.	1.7	62

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37	Parvalbumin interneurons mediate neuronal circuitryâ€“neurogenesis coupling in the adult hippocampus. Nature Neuroscience, 2013, 16, 1728-1730.	7.1	191
38	Secreted Frizzled-Related Protein 3 Regulates Activity-Dependent Adult Hippocampal Neurogenesis. Cell Stem Cell, 2013, 12, 215-223.	5.2	173
39	Life or death: developing cortical interneurons make their own decision. EMBO Journal, 2012, 31, 4373-4374.	3.5	5
40	Time-dependent involvement of adult-born dentate granule cells in behavior. Behavioural Brain Research, 2012, 227, 470-479.	1.2	56
41	Interplay between DISC1 and GABA Signaling Regulates Neurogenesis in Mice and Risk for Schizophrenia. Cell, 2012, 148, 1051-1064.	13.5	196
42	Neuronal circuitry mechanism regulating adult quiescent neural stem-cell fate decision. Nature, 2012, 489, 150-154.	13.7	463
43	Modification of hippocampal circuitry by adult neurogenesis. Developmental Neurobiology, 2012, 72, 1032-1043.	1.5	113
44	Application of reprogrammed patient cells to investigate the etiology of neurological and psychiatric disorders. Frontiers in Biology, 2012, 7, 179-188.	0.7	6
45	Interaction between FEZ1 and DISC1 in Regulation of Neuronal Development and Risk for Schizophrenia. Neuron, 2011, 72, 559-571.	3.8	89
46	Cellular Reprogramming: Recent Advances in Modeling Neurological Diseases. Journal of Neuroscience, 2011, 31, 16070-16075.	1.7	25
47	Adult neurogenesis as a cellular model to study schizophrenia. Cell Cycle, 2010, 9, 636-637.	1.3	18
48	BDNF: A key regulator for protein synthesis-dependent LTP and long-term memory?. Neurobiology of Learning and Memory, 2008, 89, 312-323.	1.0	646
49	CA3 NMDA receptors are crucial for rapid and automatic representation of context memory. European Journal of Neuroscience, 2006, 24, 1771-1780.	1.2	51
50	Long-Term Storage of an Associative Memory Trace in the Cerebellum.. Behavioral Neuroscience, 2005, 119, 526-537.	0.6	60
51	Neural Substrates of Eyeblink Conditioning: Acquisition and Retention. Learning and Memory, 2003, 10, 427-455.	0.5	539