

Jennifer A Erwin

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

4,164
citations

430754

18
h-index

580701

25
g-index

32
all docs

32
docs citations

32
times ranked

7135
citing authors

#	ARTICLE	IF	CITATIONS
1	Polycomb Proteins Targeted by a Short Repeat RNA to the Mouse X Chromosome. <i>Science</i> , 2008, 322, 750-756.	6.0	1,477
2	Derivation of Pre-X Inactivation Human Embryonic Stem Cells under Physiological Oxygen Concentrations. <i>Cell</i> , 2010, 141, 872-883.	13.5	367
3	Using single nuclei for RNA-seq to capture the transcriptome of postmortem neurons. <i>Nature Protocols</i> , 2016, 11, 499-524.	5.5	358
4	Nuclear RNA-seq of single neurons reveals molecular signatures of activation. <i>Nature Communications</i> , 2016, 7, 11022.	5.8	343
5	Mobile DNA elements in the generation of diversity and complexity in the brain. <i>Nature Reviews Neuroscience</i> , 2014, 15, 497-506.	4.9	230
6	Intersection of diverse neuronal genomes and neuropsychiatric disease: The Brain Somatic Mosaicism Network. <i>Science</i> , 2017, 356, .	6.0	206
7	L1-associated genomic regions are deleted in somatic cells of the healthy human brain. <i>Nature Neuroscience</i> , 2016, 19, 1583-1591.	7.1	159
8	Locus-Specific Targeting to the X Chromosome Revealed by the RNA Interactome of CTCF. <i>Molecular Cell</i> , 2015, 57, 361-375.	4.5	153
9	Male and female mice derived from the same embryonic stem cell clone by tetraploid embryo complementation. <i>Nature Biotechnology</i> , 2002, 20, 455-459.	9.4	137
10	Predicting the functional states of human iPSC-derived neurons with single-cell RNA-seq and electrophysiology. <i>Molecular Psychiatry</i> , 2016, 21, 1573-1588.	4.1	136
11	Efficient Generation of CA3 Neurons from Human Pluripotent Stem Cells Enables Modeling of Hippocampal Connectivity In Vitro. <i>Cell Stem Cell</i> , 2018, 22, 684-697.e9.	5.2	118
12	The DXPas34 Repeat Regulates Random and Imprinted X Inactivation. <i>Developmental Cell</i> , 2007, 12, 57-71.	3.1	81
13	Developmental excitation-inhibition imbalance underlying psychoses revealed by single-cell analyses of discordant twins-derived cerebral organoids. <i>Molecular Psychiatry</i> , 2020, 25, 2695-2711.	4.1	73
14	The landscape of somatic mutation in cerebral cortex of autistic and neurotypical individuals revealed by ultra-deep whole-genome sequencing. <i>Nature Neuroscience</i> , 2021, 24, 176-185.	7.1	73
15	New twists in X-chromosome inactivation. <i>Current Opinion in Cell Biology</i> , 2008, 20, 349-355.	2.6	52
16	Insights into the role of somatic mosaicism in the brain. <i>Current Opinion in Systems Biology</i> , 2017, 1, 90-94.	1.3	43
17	Patch-Seq Protocol to Analyze the Electrophysiology, Morphology and Transcriptome of Whole Single Neurons Derived From Human Pluripotent Stem Cells. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 261.	1.4	37
18	Cytoplasmic synthesis of endogenous <i>Alu</i> complementary DNA via reverse transcription and implications in age-related macular degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	36

#	ARTICLE	IF	CITATIONS
19	Machine learning reveals bilateral distribution of somatic L1 insertions in human neurons and glia. Nature Neuroscience, 2021, 24, 186-196.	7.1	22
20	Characterization of X-Chromosome Inactivation Status in Human Pluripotent Stem Cells. , 2010, Chapter 1, Unit 1B.6.		20
21	An <i>ex Vivo</i> Model for Imprinting: Mutually Exclusive Binding of Cdx2 and Oct4 as a Switch for Imprinted and Random X-Inactivation. Genetics, 2012, 192, 857-868.	1.2	19
22	Generation of four postmortem dura-derived iPS cell lines from four control individuals with genotypic and brain-region-specific transcriptomic data available through the BrainSEQ consortium.. Stem Cell Research, 2020, 46, 101806.	0.3	4
23	To Model Developmental Risk in a Dish. American Journal of Psychiatry, 2022, 179, 319-321.	4.0	2
24	Single-Cell Whole Genome Amplification and Sequencing to Study Neuronal Mosaicism and Diversity. Neuromethods, 2017, , 253-268.	0.2	0