Jenny Hsieh

List of Publications by Year
in descending order

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59 papers	7,117 citations	147801 31 h-index	155660 55 g-index
62 all docs	62 docs citations	62 times ranked	9320 citing authors

#	Article	IF	Citations
1	Histone deacetylase inhibition-mediated neuronal differentiation of multipotent adult neural progenitor cells. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16659-16664.	7.1	656
2	Wnt-mediated activation of NeuroD1 and retro-elements during adult neurogenesis. Nature Neuroscience, 2009, 12, 1097-1105.	14.8	584
3	HDAC1 and HDAC2 regulate oligodendrocyte differentiation by disrupting the Î²-cateninâ€“TCF interaction. Nature Neuroscience, 2009, 12, 829-838.	14.8	517
4	A Small Modulatory dsRNA Specifies the Fate of Adult Neural Stem Cells. Cell, 2004, 116, 779-793.	28.9	428
5	Neurod1 is essential for the survival and maturation of adult-born neurons. Nature Neuroscience, 2009, 12, 1090-1092.	14.8	394
6	Aberrant hippocampal neurogenesis contributes to epilepsy and associated cognitive decline. Nature Communications, 2015, 6, 6606.	12.8	333
7	Epigenetic Modulation of Seizure-Induced Neurogenesis and Cognitive Decline. Journal of Neuroscience, 2007, 27, 5967-5975.	3.6	316
8	Discovery of a Proneurogenic, Neuroprotective Chemical. Cell, 2010, 142, 39-51.	28.9	304
9	IGF-I instructs multipotent adult neural progenitor cells to become oligodendrocytes. Journal of Cell Biology, 2004, 164, 111-122.	5.2	294
10	Histone deacetylases 1 and 2 control the progression of neural precursors to neurons during brain development. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7876-7881.	7.1	278
11	The oligodendrocyte-specific G proteinâ€“coupled receptor GPR17 is a cell-intrinsic timer of myelination. Nature Neuroscience, 2009, 12, 1398-1406.	14.8	277
12	Notch1 Is Required for Maintenance of the Reservoir of Adult Hippocampal Stem Cells. Journal of Neuroscience, 2010, 30, 10484-10492.	3.6	266
13	The Master Negative Regulator REST/NRSF Controls Adult Neurogenesis by Restraining the Neurogenic Program in Quiescent Stem Cells. Journal of Neuroscience, 2011, 31, 9772-9786.	3.6	230
14	Epigenetic control of neural stem cell fate. Current Opinion in Genetics and Development, 2004, 14, 461-469.	3.3	204
15	Chromatin remodeling in neural development and plasticity. Current Opinion in Cell Biology, 2005, 17, 664-671.	5.4	198
16	MicroRNA Regulation of Neural Stem Cells and Neurogenesis: Figure 1.. Journal of Neuroscience, 2010, 30, 14931-14936.	3.6	197
17	Orchestrating transcriptional control of adult neurogenesis. Genes and Development, 2012, 26, 1010-1021.	5.9	175
18	Small-molecule activation of neuronal cell fate. Nature Chemical Biology, 2008, 4, 408-410.	8.0	134

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19	Epigenetics, hippocampal neurogenesis, and neuropsychiatric disorders: Unraveling the genome to understand the mind. Neurobiology of Disease, 2010, 39, 73-84.	4.4	132
20	Cardiogenic small molecules that enhance myocardial repair by stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6063-6068.	7.1	114
21	NEUROD1 Instructs Neuronal Conversion in Non-Reactive Astrocytes. Stem Cell Reports, 2017, 8, 1506-1515.	4.8	106
22	Recognition and Silencing of Repeated DNA. Annual Review of Genetics, 2000, 34, 187-204.	7.6	99
23	Epigenetic regulation of neural cell differentiation plasticity in the adult mammalian brain. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18012-18017.	7.1	79
24	Suppression of Adult Neurogenesis Increases the Acute Effects of Kainic Acid. Experimental Neurology, 2015, 264, 135-149.	4.1	79
25	SARS-CoV-2 targets glial cells in human cortical organoids. Stem Cell Reports, 2021, 16, 1156-1164.	4.8	73
26	Functional and mechanistic exploration of an adult neurogenesisâ€promoting small molecule. FASEB Journal, 2012, 26, 3148-3162.	0.5	66
27	Genetics and Epigenetics in Adult Neurogenesis. Cold Spring Harbor Perspectives in Biology, 2016, 8, a018911.	5.5	64
28	The REST remodeling complex protects genomic integrity during embryonic neurogenesis. ELife, 2016, 5, e09584.	6.0	61
29	HDAC3 controls gap 2/mitosis progression in adult neural stem/progenitor cells by regulating CDK1 levels. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13541-13546.	7.1	58
30	REST regulation of gene networks in adult neural stem cells. Nature Communications, 2016, 7, 13360.	12.8	54
31	A critical period of neuronal activity results in aberrant neurogenesis rewiring hippocampal circuitry in a mouse model of epilepsy. Nature Communications, 2021, 12, 1423.	12.8	46
32	RB controls growth, survival, and neuronal migration in human cerebral organoids. Development (Cambridge), 2017, 144, 1025-1034.	2.5	31
33	Mice with conditional NeuroD1 knockout display reduced aberrant hippocampal neurogenesis but no change in epileptic seizures. Experimental Neurology, 2017, 293, 190-198.	4.1	31
34	Small-molecule blocks malignant astrocyte proliferation and induces neuronal gene expression. Differentiation, 2011, 81, 233-242.	1.9	29
35	Targeting Seizure-Induced Neurogenesis in a Clinically Relevant Time Period Leads to Transient But Not Persistent Seizure Reduction. Journal of Neuroscience, 2019, 39, 7019-7028.	3.6	24
36	Inducible knockout of Mef2a, â€c, and â€d from nestinâ€expressing stem/progenitor cells and their progeny unexpectedly uncouples neurogenesis and dendritogenesis in vivo. FASEB Journal, 2015, 29, 5059-5071.	0.5	23

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37	Role of RB1 in human embryonic stem cell-derived retinal organoids. Developmental Biology, 2020, 462, 197-207.	2.0	22
38	Neural stem cells and epilepsy: functional roles and disease-in-a-dish models. Cell and Tissue Research, 2018, 371, 47-54.	2.9	20
39	Human Brain Organoid Models of Developmental Epilepsies. Epilepsy Currents, 2020, 20, 282-290.	0.8	17
40	Novel Targets of SARS-CoV-2 Spike Protein in Human Fetal Brain Development Suggest Early Pregnancy Vulnerability. Frontiers in Neuroscience, 2020, 14, 614680.	2.8	15
41	Neural Stem Cells, Excited. Science, 2013, 339, 1534-1535.	12.6	13
42	Circuit Integration Initiation of New Hippocampal Neurons in the Adult Brain. Cell Reports, 2020, 30, 959-968.e3.	6.4	12
43	The lncRNA Pnky in the Brain. Cell Stem Cell, 2015, 16, 344-345.	11.1	10
44	Stem cells: A path towards improved epilepsy therapies. Neuropharmacology, 2020, 168, 107781.	4.1	9
45	You Have Brains in Your Head, You Have Organoids in Your Dish, you Can Steer Yourself in any Direction you Wish. Epilepsy Currents, 2017, 17, 311-313.	0.8	8
46	CHD2: One Gene, Many Roles. Neuron, 2018, 100, 1014-1016.	8.1	8
47	Microglial TLR9: Guardians of Homeostatic Hippocampal Neurogenesis. Epilepsy Currents, 2016, 16, 39-40.	0.8	5
48	One-Hit Wonders and 2-Hit Tubers: A Second-Hit to TSC2 Causes Tuber-Like Cells in Spheroids. Epilepsy Currents, 2019, 19, 49-50.	0.8	5
49	HDAC1 Regulates Neuronal Differentiation. Frontiers in Molecular Neuroscience, 2021, 14, 815808.	2.9	5
50	Gestational Buprenorphine Exposure Disrupts Dopamine Neuron Activity and Related Behaviors in Adulthood. ENeuro, 2022, 9, ENEURO.0499-21.2022.	1.9	5
51	Harnessing adult neurogenesis by cracking the epigenetic code. Future Neurology, 2012, 7, 65-79.	0.5	3
52	Retinoblastoma protein controls growth, survival and neuronal migration in human cerebral organoids. Journal of Cell Science, 2017, 130, e1.1-e1.1.	2.0	2
53	GABAergic Interneurons-in-a-Dish: High Five for Epilepsy. Epilepsy Currents, 2016, 16, 177-178.	0.8	1
54	Genome-Wide Identification of Transcription Factor-Binding Sites in Quiescent Adult Neural Stem Cells. Methods in Molecular Biology, 2018, 1686, 265-286.	0.9	1

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55	Rise and Fall of the Empire: Conquering Alzheimerâ€™s Disease by Targeting Adult Neurogenesis. Epilepsy Currents, 2019, 19, 411-413.	0.8	1
56	Charactering hESCs Organoids from Electrical Signals with Machine Learning. , 2019, , .		1
57	On Your (Methyl) Mark, Get TET1, Go!. Cell Stem Cell, 2013, 13, 133-134.	11.1	0
58	Heterozygous STXBP1 Mutations Associated with Ohtahara Syndrome: Two Littles Make a Lot. Epilepsy Currents, 2016, 16, 330-332.	0.8	0
59	Deep Blue â€œSeqâ€• Fishing for Epilepsy Genes. Epilepsy Currents, 2016, 16, 110-111.	0.8	0