Julia Ladewig

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5240572/publications.pdf

Version: 2024-02-01

28	2,634	471509 17	477307 29
papers	citations	h-index	g-index

29	29	29	4403
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A rosette-type, self-renewing human ES cell-derived neural stem cell with potential for in vitro instruction and synaptic integration. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3225-3230.	7.1	456
2	Small molecules enable highly efficient neuronal conversion of human fibroblasts. Nature Methods, 2012, 9, 575-578.	19.0	288
3	Excitation-induced ataxin-3 aggregation in neurons from patients with Machadoâ€“Joseph disease. Nature, 2011, 480, 543-546.	27.8	282
4	Human-Induced Pluripotent Stem Cells form Functional Neurons and Improve Recovery After Grafting in Stroke-Damaged Brain. Stem Cells, 2012, 30, 1120-1133.	3.2	264
5	Capture of Neuroepithelial-Like Stem Cells from Pluripotent Stem Cells Provides a Versatile System for In Vitro Production of Human Neurons. PLoS ONE, 2012, 7, e29597.	2.5	254
6	An Organoid-Based Model of Cortical Development Identifies Non-Cell-Autonomous Defects in Wnt Signaling Contributing to Miller-Dieker Syndrome. Cell Reports, 2017, 19, 50-59.	6.4	223
7	Leveling Waddington: the emergence of direct programming and the loss of cell fate hierarchies. Nature Reviews Molecular Cell Biology, 2013, 14, 225-236.	37.0	200
8	Analysis of short tandem repeat expansions and their methylation state with nanopore sequencing. Nature Biotechnology, 2019, 37, 1478-1481.	17.5	117
9	Presenilin-1 L166P Mutant Human Pluripotent Stem Cellâ€“Derived Neurons Exhibit Partial Loss of Î³-Secretase Activity in Endogenous Amyloid-Î² Generation. American Journal of Pathology, 2012, 180, 2404-2416.	3.8	104
10	Genes and Mechanisms Involved in the Generation and Amplification of Basal Radial Glial Cells. Frontiers in Cellular Neuroscience, 2019, 13, 381.	3.7	65
11	APP Processing in Human Pluripotent Stem Cell-Derived Neurons Is Resistant to NSAID-Based Î³-Secretase Modulation. Stem Cell Reports, 2013, 1, 491-498.	4.8	58
12	Widespread occurrence of serpin genes with multiple reactive centre-containing exon cassettes in insects and nematodes. Gene, 2002, 293, 97-105.	2.2	52
13	Arylsulfatase A Overexpressing Human iPSC-derived Neural Cells Reduce CNS Sulfatide Storage in a Mouse Model of Metachromatic Leukodystrophy. Molecular Therapy, 2015, 23, 1519-1531.	8.2	44
14	Lineage Selection of Functional and Cryopreservable Human Embryonic Stem Cell-Derived Neurons. Stem Cells, 2008, 26, 1705-1712.	3.2	37
15	Embryonic Stem Cellâ€“Based Modeling of Tau Pathology in Human Neurons. American Journal of Pathology, 2013, 182, 1769-1779.	3.8	35
16	Auto-attraction of neural precursors and their neuronal progeny impairs neuronal migration. Nature Neuroscience, 2014, 17, 24-26.	14.8	35
17	Mutations in the Heterotopia Gene Eml1/EML1 Severely Disrupt the Formation of Primary Cilia. Cell Reports, 2019, 28, 1596-1611.e10.	6.4	28
18	Human cerebral organoids reveal progenitor pathology in EML1â€linked cortical malformation. EMBO Reports, 2022, , e54027.	4.5	19

#	Article	IF	Citations
19	Leveling Waddington: the emergence of direct programming and the loss of cell fate hierarchies. Nature Reviews Molecular Cell Biology, 2013, 14, 225-36.	37.0	18
20	Cortical organoids: why all this hype?. Current Opinion in Genetics and Development, 2018, 52, 22-28.	3.3	13
21	Drug discovery in psychopharmacology: from 2D models to cerebral organoids. Dialogues in Clinical Neuroscience, 2019, 21, 203-224.	3.7	9
22	Genome Editing in Neuroepithelial Stem Cells to Generate Human Neurons with High Adenosine-Releasing Capacity. Stem Cells Translational Medicine, 2018, 7, 477-486.	3.3	8
23	In Vitro Recapitulation of Developmental Transitions in Human Neural Stem Cells. Stem Cells, 2019, 37, 1429-1440.	3.2	6
24	Cerebral organoids to unravel the mechanisms underlying malformations of human cortical development. Seminars in Cell and Developmental Biology, 2021, 111, 15-22.	5.0	5
25	Asymmetric Notch activity by differential inheritance of lysosomes in human neural stem cells. Science Advances, 2022, 8, eabl5792.	10.3	5
26	Voltammetric Approach for Characterizing the Biophysical and Chemical Functionality of Human Induced Pluripotent Stem Cell-Derived Serotonin Neurons. Analytical Chemistry, 2022, 94, 8847-8856.	6.5	3
27	Modeling CNS Development and Disease. Stem Cells International, 2016, 2016, 1-2.	2.5	2
28	A Little Bit of Guidance: Mini Brains on Their Route to Adolescence. Cell Stem Cell, 2017, 21, 157-158.	11.1	1