

Cleber A Trujillo

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,379
citations

361413
20
h-index

501196
28
g-index

31
all docs

31
docs citations

31
times ranked

3806
citing authors

#	ARTICLE	IF	CITATIONS
1	Complex Oscillatory Waves Emerging from Cortical Organoids Model Early Human Brain Network Development. <i>Cell Stem Cell</i> , 2019, 25, 558-569.e7.	11.1	520
2	Altered proliferation and networks in neural cells derived from idiopathic autistic individuals. <i>Molecular Psychiatry</i> , 2017, 22, 820-835.	7.9	349
3	Modeling of TREX1-Dependent Autoimmune Disease using Human Stem Cells Highlights L1 Accumulation as a Source of Neuroinflammation. <i>Cell Stem Cell</i> , 2017, 21, 319-331.e8.	11.1	254
4	A human neurodevelopmental model for Williams syndrome. <i>Nature</i> , 2016, 536, 338-343.	27.8	166
5	Layered hydrogels accelerate iPSC-derived neuronal maturation and reveal migration defects caused by MeCP2 dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3185-3190.	7.1	136
6	Zika Virus Targets Glioblastoma Stem Cells through a SOX2-Integrin $\alpha 5$ Axis. <i>Cell Stem Cell</i> , 2020, 26, 187-204.e10.	11.1	126
7	Reintroduction of the archaic variant of <i>NOVA1</i> in cortical organoids alters neurodevelopment. <i>Science</i> , 2021, 371, .	12.6	96
8	Novel perspectives of neural stem cell differentiation: From neurotransmitters to therapeutics. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009, 75A, 38-53.	1.5	86
9	Brain Organoids and the Study of Neurodevelopment. <i>Trends in Molecular Medicine</i> , 2018, 24, 982-990.	6.7	83
10	Cortical organoids model early brain development disrupted by 16p11.2 copy number variants in autism. <i>Molecular Psychiatry</i> , 2021, 26, 7560-7580.	7.9	61
11	Pharmacological reversal of synaptic and network pathology in human <i>MECP2</i> α KO neurons and cortical organoids. <i>EMBO Molecular Medicine</i> , 2021, 13, e12523.	6.9	53
12	Modeling Rett Syndrome With Human Patient-Specific Forebrain Organoids. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 610427.	3.7	49
13	Kinin β 2 receptor expression and activity during differentiation of embryonic rat neurospheres. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 361-368.	1.5	46
14	Kinin-B2 Receptor Activity Determines the Differentiation Fate of Neural Stem Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 44046-44061.	3.4	41
15	Altered network and rescue of human neurons derived from individuals with early-onset genetic epilepsy. <i>Molecular Psychiatry</i> , 2021, 26, 7047-7068.	7.9	38
16	Cockayne syndrome-derived neurons display reduced synapse density and altered neural network synchrony. <i>Human Molecular Genetics</i> , 2016, 25, 1271-1280.	2.9	33
17	Interactions between the NO-Citrulline Cycle and Brain-derived Neurotrophic Factor in Differentiation of Neural Stem Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 29690-29701.	3.4	30
18	Bradykinin promotes neuron-generating division of neural progenitor cells via ERK activation. <i>Journal of Cell Science</i> , 2016, 129, 3437-48.	2.0	26

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19	Autism-linked Cullin3 germline haploinsufficiency impacts cytoskeletal dynamics and cortical neurogenesis through RhoA signaling. <i>Molecular Psychiatry</i> , 2021, 26, 3586-3613.	7.9	26
20	Generation of an expandable intermediate mesoderm restricted progenitor cell line from human pluripotent stem cells. <i>ELife</i> , 2015, 4, .	6.0	25
21	MeCP2 controls neural stem cell fate specification through miR-199a-mediated inhibition of BMP-Smad signaling. <i>Cell Reports</i> , 2021, 35, 109124.	6.4	22
22	Stem cells and modeling of autism spectrum disorders. <i>Experimental Neurology</i> , 2014, 260, 33-43.	4.1	18
23	Stem cell contributions to neurological disease modeling and personalized medicine. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 80, 54-62.	4.8	15
24	Methadone Suppresses Neuronal Function and Maturation in Human Cortical Organoids. <i>Frontiers in Neuroscience</i> , 2020, 14, 593248.	2.8	9
25	Response to Comment on "Reintroduction of the archaic variant of <i>NOVA1</i> in cortical organoids alters neurodevelopment". <i>Science</i> , 2021, 374, eabi9881.	12.6	8
26	RNA processing in neurological tissue: development, aging and disease. <i>Seminars in Cell and Developmental Biology</i> , 2021, 114, 57-67.	5.0	7
27	All-Optical Electrophysiology in hiPSC-Derived Neurons With Synthetic Voltage Sensors. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 671549.	3.7	3
28	Bradykinin promotes neuron-generating division of neural progenitor cells through ERK activation. <i>Development (Cambridge)</i> , 2016, 143, e1.1-e1.1.	2.5	0