

M Catarina Silva

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/201487/publications.pdf>

Version: 2024-02-01

19
papers

1,201
citations

623734

14
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

2011
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted degradation of aberrant tau in frontotemporal dementia patient-derived neuronal cell models. <i>ELife</i> , 2019, 8, .	6.0	184
2	Inhibition of p25/Cdk5 Attenuates Tauopathy in Mouse and iPSC Models of Frontotemporal Dementia. <i>Journal of Neuroscience</i> , 2017, 37, 9917-9924.	3.6	117
3	A Genetic Screening Strategy Identifies Novel Regulators of the Proteostasis Network. <i>PLoS Genetics</i> , 2011, 7, e1002438.	3.5	104
4	Neuronal signaling modulates protein homeostasis in <i>Caenorhabditis elegans</i> post-synaptic muscle cells. <i>Genes and Development</i> , 2007, 21, 3006-3016.	5.9	99
5	An inhibitor of the proteasomal deubiquitinating enzyme USP14 induces tau elimination in cultured neurons. <i>Journal of Biological Chemistry</i> , 2017, 292, 19209-19225.	3.4	98
6	Prolonged tau clearance and stress vulnerability rescue by pharmacological activation of autophagy in tauopathy neurons. <i>Nature Communications</i> , 2020, 11, 3258.	12.8	96
7	Human iPSC-Derived Neuronal Model of Tau-A152T Frontotemporal Dementia Reveals Tau-Mediated Mechanisms of Neuronal Vulnerability. <i>Stem Cell Reports</i> , 2016, 7, 325-340.	4.8	92
8	ELAVL4, splicing, and glutamatergic dysfunction precede neuron loss in MAPT mutation cerebral organoids. <i>Cell</i> , 2021, 184, 4547-4563.e17.	28.9	73
9	A Comprehensive Resource for Induced Pluripotent Stem Cells from Patients with Primary Tauopathies. <i>Stem Cell Reports</i> , 2019, 13, 939-955.	4.8	62
10	Human pluripotent stem cell-derived models and drug screening in CNS precision medicine. <i>Annals of the New York Academy of Sciences</i> , 2020, 1471, 18-56.	3.8	54
11	Tauopathies: Deciphering Disease Mechanisms to Develop Effective Therapies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8948.	4.1	53
12	Advancing drug discovery for neuropsychiatric disorders using patient-specific stem cell models. <i>Molecular and Cellular Neurosciences</i> , 2016, 73, 104-115.	2.2	49
13	Neuronal Reprogramming of Protein Homeostasis by Calcium-Dependent Regulation of the Heat Shock Response. <i>PLoS Genetics</i> , 2013, 9, e1003711.	3.5	28
14	Dynamic Imaging by Fluorescence Correlation Spectroscopy Identifies Diverse Populations of Polyglutamine Oligomers Formed in Vivo. <i>Journal of Biological Chemistry</i> , 2012, 287, 26136-26145.	3.4	26
15	Targeting Tau Mitigates Mitochondrial Fragmentation and Oxidative Stress in Amyotrophic Lateral Sclerosis. <i>Molecular Neurobiology</i> , 2022, 59, 683-702.	4.0	18
16	Exifone Is a Potent HDAC1 Activator with Neuroprotective Activity in Human Neuronal Models of Neurodegeneration. <i>ACS Chemical Neuroscience</i> , 2021, 12, 271-284.	3.5	14
17	Discovery and Optimization of Tau Targeted Protein Degradators Enabled by Patient Induced Pluripotent Stem Cells-Derived Neuronal Models of Tauopathy. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 801179.	3.7	14
18	High-content image-based analysis and proteomic profiling identifies Tau phosphorylation inhibitors in a human iPSC-derived glutamatergic neuronal model of tauopathy. <i>Scientific Reports</i> , 2021, 11, 17029.	3.3	8

#	ARTICLE	IF	CITATIONS
19	Differentiation of Human Induced Pluripotent Stem Cells into Cortical Neurons to Advance Precision Medicine. <i>Methods in Molecular Biology</i> , 2022, 2429, 143-174.	0.9	2