Meritxell Pons Espinal

List of Publications by Year
in descending order

15 papers	1,064 citations	933447 10 h-index	1058476 14 g-index
16 all docs	16 docs citations	16 times ranked	2550 citing authors

#	Article	IF	Citations
1	Patient-Specific iPSC-Derived Astrocytes Contribute to Non-Cell-Autonomous Neurodegeneration in Parkinson's Disease. Stem Cell Reports, 2019, 12, 213-229.	4.8	250
2	Epigallocatechin‐3‐gallate, a DYRK1A inhibitor, rescues cognitive deficits in <scp>D</scp>own syndrome mouse models and in humans. Molecular Nutrition and Food Research, 2014, 58, 278-288.	3.3	234
3	Astrocyte deletion of Bmal1 alters daily locomotor activity and cognitive functions via GABA signalling. Nature Communications, 2017, 8, 14336.	12.8	162
4	Human DNA methylomes of neurodegenerative diseases show common epigenomic patterns. Translational Psychiatry, 2016, 6, e718-e718.	4.8	137
5	Environmental enrichment rescues DYRK1A activity and hippocampal adult neurogenesis in TgDyrk1A. Neurobiology of Disease, 2013, 60, 18-31.	4.4	66
6	Circadian glucocorticoid oscillations preserve a population of adult hippocampal neural stem cells in the aging brain. Molecular Psychiatry, 2020, 25, 1382-1405.	7.9	58
7	Synergic Functions of miRNAs Determine Neuronal Fate of Adult Neural Stem Cells. Stem Cell Reports, 2017, 8, 1046-1061.	4.8	49
8	MiR-135a-5p Is Critical for Exercise-Induced Adult Neurogenesis. Stem Cell Reports, 2019, 12, 1298-1312.	4.8	37
9	A new SWATH ion library for mouse adult hippocampal neural stem cells. Data in Brief, 2018, 18, 1-8.	1.0	14
10	Functional implications of hippocampal adult neurogenesis in intellectual disabilities. Amino Acids, 2013, 45, 113-131.	2.7	13
11	Environmental Enrichment Induces Epigenomic and Genome Organization Changes Relevant for Cognition. Frontiers in Molecular Neuroscience, 2021, 14, 664912.	2.9	12
12	Parkinson's disease patient-specific neuronal networks carrying the LRRK2 G2019S mutation unveil early functional alterations that predate neurodegeneration. Npj Parkinson's Disease, 2021, 7, 55.	5.3	11
13	Long-Term Labeling of Hippocampal Neural Stem Cells by a Lentiviral Vector. Frontiers in Molecular Neuroscience, 2018, 11, 415.	2.9	9
14	Dissecting the non-neuronal cell contribution to Parkinson's disease pathogenesis using induced pluripotent stem cells. Cellular and Molecular Life Sciences, 2021, 78, 2081-2094.	5.4	8
15	Methodological Challenges in Functional Investigation and Therapeutic Use of microRNAs. , 2017, , 61-79.		0