

Serena Barral

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

812
citations

623734

14
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1648
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrophysiological Properties of Human Cortical Organoids: Current State of the Art and Future Directions. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 839366.	2.9	3
2	Genome Editing in iPSC-Based Neural Systems: From Disease Models to Future Therapeutic Strategies. <i>Frontiers in Genome Editing</i> , 2021, 3, 630600.	5.2	22
3	Aromatic α -amino acid decarboxylase deficiency: a patient-derived neuronal model for precision therapies. <i>Brain</i> , 2021, 144, 2443-2456.	7.6	16
4	Gene therapy restores dopamine transporter expression and ameliorates pathology in iPSC and mouse models of infantile parkinsonism. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	25
5	The role of manganese dysregulation in neurological disease: emerging evidence. <i>Lancet Neurology</i> , The, 2021, 20, 956-968.	10.2	51
6	Mutations in the histone methyltransferase gene KMT2B cause complex early-onset dystonia. <i>Nature Genetics</i> , 2017, 49, 223-237.	21.4	186
7	IAP-Based Cell Sorting Results in Homogeneous Transplantable Dopaminergic Precursor Cells Derived from Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2017, 9, 1207-1220.	4.8	40
8	Utility of Induced Pluripotent Stem Cells for the Study and Treatment of Genetic Diseases: Focus on Childhood Neurological Disorders. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 78.	2.9	29
9	miR-200 family controls late steps of postnatal forebrain neurogenesis via Zeb2 inhibition. <i>Scientific Reports</i> , 2016, 6, 35729.	3.3	31
10	Phosphorylation of Histone H2AX in the Mouse Brain from Development to Senescence. <i>International Journal of Molecular Sciences</i> , 2014, 15, 1554-1573.	4.1	33
11	Efficient neuronal in vitro and in vivo differentiation after immunomagnetic purification of mESC derived neuronal precursors. <i>Stem Cell Research</i> , 2013, 10, 133-146.	0.7	12
12	Aneuploid Cells Are Differentially Susceptible to Caspase-Mediated Death during Embryonic Cerebral Cortical Development. <i>Journal of Neuroscience</i> , 2012, 32, 16213-16222.	3.6	58
13	Isolation and characterization of living primary astroglial cells using the new GLAST-specific monoclonal antibody ACSA-1. <i>Glia</i> , 2012, 60, 894-907.	4.9	61
14	Neuronal DNA content variation (DCV) with regional and individual differences in the human brain. <i>Journal of Comparative Neurology</i> , 2010, 518, 3981-4000.	1.6	88
15	A Reevaluation of Tetraploidy in the Alzheimer's Disease Brain. <i>Neurodegenerative Diseases</i> , 2009, 6, 221-229.	1.4	41
16	Aneuploid mosaicism in the developing and adult cerebellar cortex. <i>Journal of Comparative Neurology</i> , 2008, 507, 1944-1951.	1.6	77
17	Interaction Between TRPC Channel Subunits in Endothelial Cells. <i>Journal of Receptor and Signal Transduction Research</i> , 2006, 26, 225-240.	2.5	29