Sergio GascÃ³n

List of Publications by Year
in descending order

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23 papers	7,120 citations	430874 18 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	9772 citing authors

#	Article	IF	Citations
1	Bcl-2-Assisted Reprogramming of Mouse Astrocytes and Human Fibroblasts into Induced Neurons. Methods in Molecular Biology, 2021, 2352, 57-71.	0.9	3
2	Time-Lapse Video Microscopy and Single Cell Tracking to Study Neural Cell Behavior In Vitro. Methods in Molecular Biology, 2019, 2150, 183-194.	0.9	8
3	Transient CREB-mediated transcription is key in direct neuronal reprogramming. Neurogenesis (Austin,) Tj ETQq1 1 0.784314 rgBT /O	1.5	16
4	Neuronal LRP4 regulates synapse formation in the developing CNS. Development (Cambridge), 2017, 144, 4604-4615.	2.5	25
5	Ferroptosis: A Regulated Cell Death Nexus Linking Metabolism, Redox Biology, and Disease. Cell, 2017, 171, 273-285.	28.9	4,081
6	Direct Neuronal Reprogramming: Achievements, Hurdles, and New Roads to Success. Cell Stem Cell, 2017, 21, 18-34.	11.1	147
7	Live Imaging Followed by Single Cell Tracking to Monitor Cell Biology and the Lineage Progression of Multiple Neural Populations. Journal of Visualized Experiments, 2017, , .	0.3	8
8	Direct neuronal reprogramming: learning from and for development. Development (Cambridge), 2016, 143, 2494-2510.	2.5	112
9	Identification and Successful Negotiation of a Metabolic Checkpoint in Direct Neuronal Reprogramming. Cell Stem Cell, 2016, 18, 396-409.	11.1	307
10	Astrocyte reactivity after brain injuryâ€": The role of galectins 1 and 3. Glia, 2015, 63, 2340-2361.	4.9	107
11	Adult Neural Stem Cells from the Subventricular Zone Give Rise to Reactive Astrocytes in the Cortex after Stroke. Cell Stem Cell, 2015, 17, 624-634.	11.1	235
12	Sox2-Mediated Conversion of NG2 Glia into Induced Neurons in the Injured Adult Cerebral Cortex. Stem Cell Reports, 2014, 3, 1000-1014.	4.8	274
13	Oligodendrogliogenic and neurogenic adult subependymal zone neural stem cells constitute distinct lineages and exhibit differential responsiveness to Wnt signalling. Nature Cell Biology, 2013, 15, 602-613.	10.3	211
14	Imbalance of neurotrophin receptor isoforms TrkB-FL/TrkB-T1 induces neuronal death in excitotoxicity. Cell Death and Disease, 2012, 3, e256-e256.	6.3	86
15	Reprogramming of Pericyte-Derived Cells of the Adult Human Brain into Induced Neuronal Cells. Cell Stem Cell, 2012, 11, 471-476.	11.1	282
16	Generation of subtype-specific neurons from postnatal astroglia of the mouse cerebral cortex. Nature Protocols, 2011, 6, 214-228.	12.0	126
17	Directing Astroglia from the Cerebral Cortex into Subtype Specific Functional Neurons. PLoS Biology, 2010, 8, e1000373.	5.6	447
18	Kidins220/ARMS downregulation by excitotoxic activation of NMDARs reveals its involvement in neuronal survival and death pathways. Journal of Cell Science, 2009, 122, 3554-3565.	2.0	57

#	Article	IF	Citations
19	Adult generation of glutamatergic olfactory bulb interneurons. Nature Neuroscience, 2009, 12, 1524-1533.	14.8	325
20	Dual-promoter lentiviral vectors for constitutive and regulated gene expression in neurons. Journal of Neuroscience Methods, 2008, 168, 104-112.	2.5	76
21	Excitotoxicity and focal cerebral ischemia induce truncation of the NR2A and NR2B subunits of the NMDA receptor and cleavage of the scaffolding protein PSD-95. Molecular Psychiatry, 2008, 13, 99-114.	7.9	106
22	Endoplasmic reticulum-associated degradation of the NR1 but not the NR2 subunits of the N-methyl-D-aspartate receptor induced by inhibition of the N-glycosylation in cortical neurons. Journal of Neuroscience Research, 2007, 85, 1713-1723.	2.9	10
23	Transcription of the NR1 Subunit of the N-Methyl-d-aspartate Receptor Is Down-regulated by Excitotoxic Stimulation and Cerebral Ischemia. Journal of Biological Chemistry, 2005, 280, 35018-35027.	3.4	71