

Sergio Gascón

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1799985/publications.pdf>

Version: 2024-02-01

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 | Ferroptosis: A Regulated Cell Death Nexus Linking Metabolism, Redox Biology, and Disease. <i>Cell</i> , 2017, 171, 273-285. | 28.9 | 4,081 |
| 2 | Directing Astroglia from the Cerebral Cortex into Subtype Specific Functional Neurons. <i>PLoS Biology</i> , 2010, 8, e1000373. | 5.6 | 447 |
| 3 | Adult generation of glutamatergic olfactory bulb interneurons. <i>Nature Neuroscience</i> , 2009, 12, 1524-1533. | 14.8 | 325 |
| 4 | Identification and Successful Negotiation of a Metabolic Checkpoint in Direct Neuronal Reprogramming. <i>Cell Stem Cell</i> , 2016, 18, 396-409. | 11.1 | 307 |
| 5 | Reprogramming of Pericyte-Derived Cells of the Adult Human Brain into Induced Neuronal Cells. <i>Cell Stem Cell</i> , 2012, 11, 471-476. | 11.1 | 282 |
| 6 | Sox2-Mediated Conversion of NG2 Glia into Induced Neurons in the Injured Adult Cerebral Cortex. <i>Stem Cell Reports</i> , 2014, 3, 1000-1014. | 4.8 | 274 |
| 7 | Adult Neural Stem Cells from the Subventricular Zone Give Rise to Reactive Astrocytes in the Cortex after Stroke. <i>Cell Stem Cell</i> , 2015, 17, 624-634. | 11.1 | 235 |
| 8 | Oligodendroglial and neurogenic adult subependymal zone neural stem cells constitute distinct lineages and exhibit differential responsiveness to Wnt signalling. <i>Nature Cell Biology</i> , 2013, 15, 602-613. | 10.3 | 211 |
| 9 | Direct Neuronal Reprogramming: Achievements, Hurdles, and New Roads to Success. <i>Cell Stem Cell</i> , 2017, 21, 18-34. | 11.1 | 147 |
| 10 | Generation of subtype-specific neurons from postnatal astroglia of the mouse cerebral cortex. <i>Nature Protocols</i> , 2011, 6, 214-228. | 12.0 | 126 |
| 11 | Direct neuronal reprogramming: learning from and for development. <i>Development (Cambridge)</i> , 2016, 143, 2494-2510. | 2.5 | 112 |
| 12 | Astrocyte reactivity after brain injury: The role of galectins 1 and 3. <i>Glia</i> , 2015, 63, 2340-2361. | 4.9 | 107 |
| 13 | 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. <i>Molecular Psychiatry</i> , 2008, 13, 99-114. | 7.9 | 106 |
| 14 | Imbalance of neurotrophin receptor isoforms TrkB-FL/TrkB-T1 induces neuronal death in excitotoxicity. <i>Cell Death and Disease</i> , 2012, 3, e256-e256. | 6.3 | 86 |
| 15 | Dual-promoter lentiviral vectors for constitutive and regulated gene expression in neurons. <i>Journal of Neuroscience Methods</i> , 2008, 168, 104-112. | 2.5 | 76 |
| 16 | Transcription of the NR1 Subunit of the N-Methyl-d-aspartate Receptor Is Down-regulated by Excitotoxic Stimulation and Cerebral Ischemia. <i>Journal of Biological Chemistry</i> , 2005, 280, 35018-35027. | 3.4 | 71 |
| 17 | Kidins220/ARMS downregulation by excitotoxic activation of NMDARs reveals its involvement in neuronal survival and death pathways. <i>Journal of Cell Science</i> , 2009, 122, 3554-3565. | 2.0 | 57 |
| 18 | Neuronal LRP4 regulates synapse formation in the developing CNS. <i>Development (Cambridge)</i> , 2017, 144, 4604-4615. | 2.5 | 25 |

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|----|--|-----|-----------|
| 19 | Transient CREB-mediated transcription is key in direct neuronal reprogramming. <i>Neurogenesis (Austin, TX)</i> 10, 784-791. doi:10.1093/engage/10.10.784 | 1.5 | 16 |
| 20 | 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. <i>Journal of Neuroscience Research</i> , 2007, 85, 1713-1723. | 2.9 | 10 |
| 21 | Live Imaging Followed by Single Cell Tracking to Monitor Cell Biology and the Lineage Progression of Multiple Neural Populations. <i>Journal of Visualized Experiments</i> , 2017, , . | 0.3 | 8 |
| 22 | Time-Lapse Video Microscopy and Single Cell Tracking to Study Neural Cell Behavior In Vitro. <i>Methods in Molecular Biology</i> , 2019, 2150, 183-194. | 0.9 | 8 |
| 23 | Bcl-2-Assisted Reprogramming of Mouse Astrocytes and Human Fibroblasts into Induced Neurons. <i>Methods in Molecular Biology</i> , 2021, 2352, 57-71. | 0.9 | 3 |