

Hector R Mendez-Gomez

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

709
citations

687363

13
h-index

839539

18
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docs citations

18
times ranked

1343
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulation of the PI 3-kinase–Akt signalling pathway by IGF-I and PTEN regulates the differentiation of neural stem/precursor cells. <i>Journal of Cell Science</i> , 2006, 119, 2739-2748.	2.0	128
2	Impeding Transcription of Expanded Microsatellite Repeats by Deactivated Cas9. <i>Molecular Cell</i> , 2017, 68, 479-490.e5.	9.7	99
3	Dendritic Cell-Activating Magnetic Nanoparticles Enable Early Prediction of Antitumor Response with Magnetic Resonance Imaging. <i>ACS Nano</i> , 2019, 13, 13884-13898.	14.6	66
4	Direct Head-to-Head Evaluation of Recombinant Adeno-associated Viral Vectors Manufactured in Human versus Insect Cells. <i>Molecular Therapy</i> , 2017, 25, 2661-2675.	8.2	59
5	Personalized Tumor RNA Loaded Lipid-Nanoparticles Prime the Systemic and Intratumoral Milieu for Response to Cancer Immunotherapy. <i>Nano Letters</i> , 2018, 18, 6195-6206.	9.1	58
6	Maintenance of Undifferentiated State and Self-Renewal of Embryonic Neural Stem Cells by Polycomb Protein Ring1B. <i>Stem Cells</i> , 2009, 27, 1559-1570.	3.2	57
7	The T-box brain 1 (Tbr1) transcription factor inhibits astrocyte formation in the olfactory bulb and regulates neural stem cell fate. <i>Molecular and Cellular Neurosciences</i> , 2011, 46, 108-121.	2.2	47
8	In Vitro Evaluation of Biocompatibility of Uncoated Thermally Reduced Graphene and Carbon Nanotube-Loaded PVDF Membranes with Adult Neural Stem Cell-Derived Neurons and Glia. <i>Frontiers in Bioengineering and Biotechnology</i> , 2016, 4, 94.	4.1	29
9	Nolz1 promotes striatal neurogenesis through the regulation of retinoic acid signaling. <i>Neural Development</i> , 2010, 5, 21.	2.4	28
10	High-accuracy biodistribution analysis of adeno-associated virus variants by double barcode sequencing. <i>Molecular Therapy - Methods and Clinical Development</i> , 2015, 2, 15041.	4.1	27
11	Nurr1 blocks the mitogenic effect of FGF2 and EGF, inducing olfactory bulb neural stem cells to adopt dopaminergic and dopaminergic GABAergic neuronal phenotypes. <i>Developmental Neurobiology</i> , 2015, 75, 823-841.	3.0	26
12	The Homeobox Gene Gsx2 Regulates the Self-Renewal and Differentiation of Neural Stem Cells and the Cell Fate of Postnatal Progenitors. <i>PLoS ONE</i> , 2012, 7, e29799.	2.5	20
13	Role of Nurr1 in the Generation and Differentiation of Dopaminergic Neurons from Stem Cells. <i>Neurotoxicity Research</i> , 2016, 30, 14-31.	2.7	20
14	CAR T Cell Locomotion in Solid Tumor Microenvironment. <i>Cells</i> , 2022, 11, 1974.	4.1	15
15	The Lipase Activity of Phospholipase D2 is Responsible for Nigral Neurodegeneration in a Rat Model of Parkinson's Disease. <i>Neuroscience</i> , 2018, 377, 174-183.	2.3	9
16	Transcytosis in the blood–cerebrospinal fluid barrier of the mouse brain with an engineered receptor/ligand system. <i>Molecular Therapy - Methods and Clinical Development</i> , 2015, 2, 15037.	4.1	8
17	Tbr1 Misexpression Alters Neuronal Development in the Cerebral Cortex. <i>Molecular Neurobiology</i> , 2022, 59, 5750-5765.	4.0	7
18	Nanoparticles as immunomodulators and translational agents in brain tumors. <i>Journal of Neuro-Oncology</i> , 2021, 151, 29-39.	2.9	6