

Javier Jarazo

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,146
citations

567281

15
h-index

610901

24
g-index

29
all docs

29
docs citations

29
times ranked

1629
citing authors

#	ARTICLE	IF	CITATIONS
1	Derivation of Human Midbrain-Specific Organoids from Neuroepithelial Stem Cells. <i>Stem Cell Reports</i> , 2017, 8, 1144-1154.	4.8	321
2	3D Cultures of Parkinson's Disease-Specific Dopaminergic Neurons for High Content Phenotyping and Drug Testing. <i>Advanced Science</i> , 2019, 6, 1800927.	11.2	92
3	Automated microfluidic cell culture of stem cell derived dopaminergic neurons. <i>Scientific Reports</i> , 2019, 9, 1796.	3.3	81
4	FACS-Assisted CRISPR-Cas9 Genome Editing Facilitates Parkinson's Disease Modeling. <i>Stem Cell Reports</i> , 2017, 9, 1423-1431.	4.8	77
5	Neural Stem Cells of Parkinson's Disease Patients Exhibit Aberrant Mitochondrial Morphology and Functionality. <i>Stem Cell Reports</i> , 2019, 12, 878-889.	4.8	68
6	CRISPR/Cas9 and piggyBac-mediated footprint-free LRRK2-G2019S knock-in reveals neuronal complexity phenotypes and α -Synuclein modulation in dopaminergic neurons. <i>Stem Cell Research</i> , 2017, 24, 44-50.	0.7	60
7	Microglia integration into human midbrain organoids leads to increased neuronal maturation and functionality. <i>Glia</i> , 2022, 70, 1267-1288.	4.9	51
8	Synapse alterations precede neuronal damage and storage pathology in a human cerebral organoid model of CLN3-juvenile neuronal ceroid lipofuscinosis. <i>Acta Neuropathologica Communications</i> , 2019, 7, 222.	5.2	49
9	A unique method to produce transgenic embryos in ovine, porcine, feline, bovine and equine species. <i>Reproduction, Fertility and Development</i> , 2008, 20, 741.	0.4	45
10	Impaired mitochondrial-endoplasmic reticulum interaction and mitophagy in Miro1-mutant neurons in Parkinson's disease. <i>Human Molecular Genetics</i> , 2020, 29, 1353-1364.	2.9	37
11	Parkinson's Disease Phenotypes in Patient Neuronal Cultures and Brain Organoids Improved by β -Hydroxypropyl- β -Cyclodextrin Treatment. <i>Movement Disorders</i> , 2022, 37, 80-94.	3.9	37
12	Equine Cloning: In Vitro and In Vivo Development of Aggregated Embryos. <i>Biology of Reproduction</i> , 2012, 87, 15, 1-9.	2.7	35
13	Mitochondrial and Clearance Impairment in p.D620N VPS35 Patient-Derived Neurons. <i>Movement Disorders</i> , 2021, 36, 704-715.	3.9	32
14	State of the art: Stem cells in equine regenerative medicine. <i>Equine Veterinary Journal</i> , 2015, 47, 145-154.	1.7	31
15	PINK1 deficiency impairs adult neurogenesis of dopaminergic neurons. <i>Scientific Reports</i> , 2021, 11, 6617.	3.3	21
16	The Parkinson's disease-associated mutation LRRK2-G2019S alters dopaminergic differentiation dynamics via NR2F1. <i>Cell Reports</i> , 2021, 37, 109864.	6.4	20
17	Tiger, Bengal and Domestic Cat Embryos Produced by Homospecific and Interspecific Zona-Free Nuclear Transfer. <i>Reproduction in Domestic Animals</i> , 2015, 50, 849-857.	1.4	16
18	Automated high-throughput high-content autophagy and mitophagy analysis platform. <i>Scientific Reports</i> , 2019, 9, 9455.	3.3	13

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19	Impaired serine metabolism complements LRRK2-G2019S pathogenicity in PD patients. <i>Parkinsonism and Related Disorders</i> , 2019, 67, 48-55.	2.2	13
20	Guidelines for Fluorescent Guided Biallelic HDR Targeting Selection With PiggyBac System Removal for Gene Editing. <i>Frontiers in Genetics</i> , 2019, 10, 190.	2.3	10
21	Passive controlled flow for Parkinson's disease neuronal cell culture in 3D microfluidic devices. <i>Organs-on-a-Chip</i> , 2020, 2, 100005.	3.2	7
22	Embryo aggregation does not improve the development of interspecies somatic cell nuclear transfer embryos in the horse. <i>Theriogenology</i> , 2016, 86, 1081-1091.	2.1	6
23	Quality Control Strategy for CRISPR-Cas9-Based Gene Editing Complicated by a Pseudogene. <i>Frontiers in Genetics</i> , 2019, 10, 1297.	2.3	5
24	41 EFFICIENT STRATEGY FOR INTERSPECIFIC CLONING IN FELIDS. <i>Reproduction, Fertility and Development</i> , 2014, 26, 134.	0.4	1
25	307 TRANSGENESIS MEDIATED BY INTRACYTOPLASMIC SPERM INJECTION (ICSI) ASSISTED BY CHEMICAL ACTIVATION IN DIFFERENT DOMESTIC SPECIES. <i>Reproduction, Fertility and Development</i> , 2008, 20, 233.	0.4	0
26	Generation of isogenic control DJ-1-delP GC13 for the genetic Parkinson's disease-patient derived iPSC line DJ-1-delP (LCSBi008-A-1). <i>Stem Cell Research</i> , 2022, 62, 102815.	0.7	0