

Diego Balboa

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,266
citations

430874

18
h-index

526287

27
g-index

34
all docs

34
docs citations

34
times ranked

1958
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR activation enables high-fidelity reprogramming into human pluripotent stem cells. <i>Stem Cell Reports</i> , 2022, 17, 413-426.	4.8	13
2	Functional, metabolic and transcriptional maturation of human pancreatic islets derived from stem cells. <i>Nature Biotechnology</i> , 2022, 40, 1042-1055.	17.5	135
3	Loss of MANF Causes Childhood-Onset Syndromic Diabetes Due to Increased Endoplasmic Reticulum Stress. <i>Diabetes</i> , 2021, 70, 1006-1018.	0.6	37
4	SUR1-mutant iPSC cell-derived islets recapitulate the pathophysiology of congenital hyperinsulinism. <i>Diabetologia</i> , 2021, 64, 630-640.	6.3	25
5	Human Pluripotent Stem Cells to Model Islet Defects in Diabetes. <i>Frontiers in Endocrinology</i> , 2021, 12, 642152.	3.5	24
6	Kaposi's Sarcoma-Associated Herpesvirus Reactivation by Targeting of a dCas9-Based Transcription Activator to the ORF50 Promoter. <i>Viruses</i> , 2020, 12, 952.	3.3	3
7	Characterization of the human GnRH neuron developmental transcriptome using a <i>GnRH1</i>-TdTomato reporter line in human pluripotent stem cells. <i>DMM Disease Models and Mechanisms</i> , 2020, 13, .	2.4	20
8	Genome editing of human pancreatic beta cell models: problems, possibilities and outlook. <i>Diabetologia</i> , 2019, 62, 1329-1336.	6.3	20
9	Pharmacological reactivation of MYC-dependent apoptosis induces susceptibility to anti-PD-1 immunotherapy. <i>Nature Communications</i> , 2019, 10, 620.	12.8	60
10	Concise Review: Human Pluripotent Stem Cells for the Modeling of Pancreatic β -Cell Pathology. <i>Stem Cells</i> , 2019, 37, 33-41.	3.2	45
11	A complex genomic locus drives mt DNA replicase POLG expression to its disease-related nervous system regions. <i>EMBO Molecular Medicine</i> , 2018, 10, 13-21.	6.9	8
12	Pancreatic β -cell tRNA hypomethylation and fragmentation link TRMT10A deficiency with diabetes. <i>Nucleic Acids Research</i> , 2018, 46, 10302-10318.	14.5	93
13	Transcription Factor PROX1 Suppresses Notch Pathway Activation via the Nucleosome Remodeling and Deacetylase Complex in Colorectal Cancer Stem-like Cells. <i>Cancer Research</i> , 2018, 78, 5820-5832.	0.9	20
14	Human pluripotent reprogramming with CRISPR activators. <i>Nature Communications</i> , 2018, 9, 2643.	12.8	128
15	Redox regulation of GRPEL2 nucleotide exchange factor for mitochondrial HSP70 chaperone. <i>Redox Biology</i> , 2018, 19, 37-45.	9.0	25
16	Insulin mutations impair beta-cell development in a patient-derived iPSC model of neonatal diabetes. <i>ELife</i> , 2018, 7, .	6.0	114
17	An Activating STAT3 Mutation Causes Neonatal Diabetes through Premature Induction of Pancreatic Differentiation. <i>Cell Reports</i> , 2017, 19, 281-294.	6.4	94
18	Generation of a SOX2 reporter human induced pluripotent stem cell line using CRISPR/SaCas9. <i>Stem Cell Research</i> , 2017, 22, 16-19.	0.7	11

#	ARTICLE	IF	CITATIONS
19	p73 is required for appropriate BMP-induced mesenchymal-to-epithelial transition during somatic cell reprogramming. <i>Cell Death and Disease</i> , 2017, 8, e3034-e3034.	6.3	16
20	Generation of an OCT4 reporter human induced pluripotent stem cell line using CRISPR/SpCas9. <i>Stem Cell Research</i> , 2017, 23, 105-108.	0.7	4
21	A Strong Contractile Actin Fence and Large Adhesions Direct Human Pluripotent Colony Morphology and Adhesion. <i>Stem Cell Reports</i> , 2017, 9, 67-76.	4.8	59
22	Human pluripotent stem cell based islet models for diabetes research. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2015, 29, 899-909.	4.7	25
23	Conditionally Stabilized dCas9 Activator for Controlling Gene Expression in Human Cell Reprogramming and Differentiation. <i>Stem Cell Reports</i> , 2015, 5, 448-459.	4.8	158
24	Selective MicroRNA-Offset RNA Expression in Human Embryonic Stem Cells. <i>PLoS ONE</i> , 2015, 10, e0116668.	2.5	25
25	Intestinal Commitment and Maturation of Human Pluripotent Stem Cells Is Independent of Exogenous FGF4 and R-spondin1. <i>PLoS ONE</i> , 2015, 10, e0134551.	2.5	23
26	Activin A and Wnt-dependent specification of human definitive endoderm cells. <i>Experimental Cell Research</i> , 2013, 319, 2535-2544.	2.6	60