

Filippo Zambelli

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

471
citations

933447

10
h-index

940533

16
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17
all docs

17
docs citations

17
times ranked

777
citing authors

#	ARTICLE	IF	CITATIONS
1	Higher-Density Culture in Human Embryonic Stem Cells Results in DNA Damage and Genome Instability. <i>Stem Cell Reports</i> , 2016, 6, 330-341.	4.8	72
2	Stem cells in reproductive medicine: ready for the patient?: Figure 1. <i>Human Reproduction</i> , 2015, 30, 2014-2021.	0.9	58
3	Novel phospholipase C zeta 1 mutations associated with fertilization failures after ICSI. <i>Human Reproduction</i> , 2019, 34, 1494-1504.	0.9	50
4	Single human oocyte transcriptome analysis reveals distinct maturation stage-dependent pathways impacted by age. <i>Aging Cell</i> , 2021, 20, e13360.	6.7	43
5	Sodium butyrate inhibits platelet-derived growth factor-induced proliferation and migration in pulmonary artery smooth muscle cells through Akt inhibition. <i>FEBS Journal</i> , 2013, 280, 2042-2055.	4.7	41
6	Genetic and epigenetic factors which modulate differentiation propensity in human pluripotent stem cells. <i>Human Reproduction Update</i> , 2018, 24, 162-175.	10.8	39
7	Gain of 20q11.21 in Human Pluripotent Stem Cells Impairs TGF- β -Dependent Neuroectodermal Commitment. <i>Stem Cell Reports</i> , 2019, 13, 163-176.	4.8	39
8	Oxidative Stress in Reproduction: A Mitochondrial Perspective. <i>Biology</i> , 2020, 9, 269.	2.8	36
9	Dissecting histone deacetylase role in pulmonary arterial smooth muscle cell proliferation and migration. <i>Biochemical Pharmacology</i> , 2014, 91, 181-190.	4.4	24
10	Random Mutagenesis, Clonal Events, and Embryonic or Somatic Origin Determine the mtDNA Variant Type and Load in Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2018, 11, 102-114.	4.8	23
11	Accurate and comprehensive analysis of single nucleotide variants and large deletions of the human mitochondrial genome in DNA and single cells. <i>European Journal of Human Genetics</i> , 2017, 25, 1229-1236.	2.8	16
12	Uncovering low-level mosaicism in human embryonic stem cells using high throughput single cell shallow sequencing. <i>Scientific Reports</i> , 2019, 9, 14844.	3.3	12
13	Detection of Heteroplasmic Variants in the Mitochondrial Genome through Massive Parallel Sequencing. <i>Bio-protocol</i> , 2019, 9, e3283.	0.4	6
14	Trophoblast attachment to the endometrial epithelium elicits compartment-specific transcriptional waves in an in-vitro model. <i>Reproductive BioMedicine Online</i> , 2021, 42, 26-38.	2.4	5
15	Human oocyte meiotic maturation is associated with a specific profile of alternatively spliced transcript isoforms. <i>Molecular Reproduction and Development</i> , 2021, 88, 605-617.	2.0	4
16	A step forward in disease modelling for mitochondrial diseases. <i>Stem Cell Investigation</i> , 2017, 4, 89-89.	3.0	3