GaÃ«l Cagnone

List of Publications by Year
in descending order

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Version: 2024-02-01

24	982	623188	676716
papers	citations	14 h-index	22 g-index

25	25	25	1587
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	H3K27M induces defective chromatin spread of PRC2-mediated repressive H3K27me2/me3 and is essential for glioma tumorigenesis. Nature Communications, 2019, 10, 1262.	5.8	215
2	Neutrophil extracellular traps target senescent vasculature for tissue remodeling in retinopathy. Science, 2020, 369, .	6.0	139
3	Combining resources to obtain a comprehensive survey of the bovine embryo transcriptome through deep sequencing and microarrays. Molecular Reproduction and Development, 2011, 78, 651-664.	1.0	91
4	Pathological angiogenesis in retinopathy engages cellular senescence and is amenable to therapeutic elimination via BCL-xL inhibition. Cell Metabolism, 2021, 33, 818-832.e7.	7.2	74
5	NOTCH1 signaling induces pathological vascular permeability in diabetic retinopathy. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4538-4547.	3.3	59
6	Dyslipidemia in retinal metabolic disorders. EMBO Molecular Medicine, 2019, 11, e10473.	3.3	51
7	The Adenosine Salvage Pathway as an Alternative to Mitochondrial Production of ATP in Maturing Mammalian Oocytes1. Biology of Reproduction, 2014, 91, 75.	1.2	50
8	The embryonic stress response to in vitro culture: insight from genomic analysis. Reproduction, 2016, 152, R247-R261.	1.1	50
9	Specialized endothelial tip cells guide neuroretina vascularization and blood-retina-barrier formation. Developmental Cell, 2021, 56, 2237-2251.e6.	3.1	46
10	MicroRNA expression profile in retina and choroid in oxygen-induced retinopathy model. PLoS ONE, 2019, 14, e0218282.	1.1	36
11	The impact of exposure to serum lipids during inÂvitro culture on the transcriptome of bovine blastocysts. Theriogenology, 2014, 81, 712-722.e3.	0.9	33
12	Vitreous metabolomics profiling of proliferative diabetic retinopathy. Diabetologia, 2021, 64, 70-82.	2.9	32
13	eNOS controls angiogenic sprouting and retinal neovascularization through the regulation of endothelial cell polarity. Cellular and Molecular Life Sciences, 2022, 79, 1.	2.4	25
14	Segregation of Naturally Occurring Mitochondrial DNA Variants in a Mini-Pig Model. Genetics, 2016, 202, 931-944.	1.2	20
15	Kinins and Their Receptors as Potential Therapeutic Targets in Retinal Pathologies. Cells, 2021, 10, 1913.	1.8	12
16	Metformin intervention prevents cardiac dysfunction in a murine model of adult congenital heart disease. Molecular Metabolism, 2019, 20, 102-114.	3.0	11
17	Intrafamilial variability of limb-girdle muscular dystrophy, LGMD1D type. European Journal of Medical Genetics, 2020, 63, 103655.	0.7	10
18	Retinal glial remodeling by FGF21 preserves retinal function during photoreceptor degeneration. IScience, 2021, 24, 102376.	1.9	9

#	Article	IF	Citations
19	Triglyceride-derived fatty acids reduce autophagy in a model of retinal angiomatous proliferation. JCI Insight, 2022, 7, .	2.3	9
20	Cardiac Left Ventricle Mitochondrial Dysfunction After Neonatal Exposure to Hyperoxia: Relevance for Cardiomyopathy After Preterm Birth. Hypertension, 2022, 79, 575-587.	1.3	4
21	Analysis of the Mitochondrial DNA and Its Replicative Capacity in Induced Pluripotent Stem Cells. Methods in Molecular Biology, 2014, 1357, 231-267.	0.4	3
22	Analysis of Mitochondrial DNA in Induced Pluripotent and Embryonic Stem Cells. Methods in Molecular Biology, 2015, 1330, 219-252.	0.4	3
23	The Adenosine Salvage Pathway as an Alternative to Mitochondrial Production of ATP in Maturing Mammalian Oocytes. Obstetrical and Gynecological Survey, 2015, 70, 30-31.	0.2	0
24	Abstract 046: Cardiac Mitochondria are Impaired After Transient Neonatal High Oxygen Exposure in a Rat Model of Prematurity-Related Condition. Hypertension, 2018, 72, .	1.3	0