Jesus Ruberte

List of Publications by Year
in descending order

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Version: 2024-02-01

42 papers	1,766 citations	361413 20 h-index	330143 37 g-index
43 all docs	43 docs citations	43 times ranked	3493 citing authors

#	Article	IF	Citations
1	TIM2 modulates retinal iron levels and is involved in blood-retinal barrier breakdown. Experimental Eye Research, 2021, 202, 108292.	2.6	7
2	Novel Use of PLGA Microspheres to Create an Animal Model of Glaucoma with Progressive Neuroretinal Degeneration. Pharmaceutics, 2021, 13, 237.	4.5	11
3	Treatment of skeletal and non-skeletal alterations of Mucopolysaccharidosis type IVA by AAV-mediated gene therapy. Nature Communications, 2021, 12, 5343.	12.8	15
4	Decreased endostatin in db/db retinas is associated with optic disc intravitreal vascularization. Experimental Eye Research, 2021, 212, 108801.	2.6	3
5	Analysis of Parainflammation in Chronic Glaucoma Using Vitreous-OCT Imaging. Biomedicines, 2021, 9, 1792.	3.2	5
6	Mutation inBmpr1bLeads to Optic Disc Coloboma and Ventral Retinal Gliosis in Mice. , 2020, 61, 44.		11
7	PATHBIO: an international training program for precision mouse phenotyping. Mammalian Genome, 2020, 31, 49-53.	2.2	2
8	Vascular Interstitial Cells in Retinal Arteriolar Annuli Are Altered During Hypertension. , 2019, 60, 473.		3
9	FGF21 gene therapy as treatment for obesity and insulin resistance. EMBO Molecular Medicine, 2018, 10, .	6.9	176
10	Long-Term Efficacy and Safety of Insulin and Glucokinase Gene Therapy for Diabetes: 8-Year Follow-Up in Dogs. Molecular Therapy - Methods and Clinical Development, 2017, 6, 1-7.	4.1	23
11	Disease correction by AAV-mediated gene therapy in a new mouse model of mucopolysaccharidosis type IIID. Human Molecular Genetics, 2017, 26, 1535-1551.	2.9	39
12	Cellular Senescence Is Associated With Human Retinal Microaneurysm Formation During Aging. , 2017, 58, 2832.		35
13	Blood Vessel Basement Membrane Alterations in Human Retinal Microaneurysms During Aging. , 2017, 58, 1116.		25
14	Progressive neurologic and somatic disease in a novel model of human Mucopolysaccharidosis type IIIC. DMM Disease Models and Mechanisms, 2016, 9, 999-1013.	2.4	14
15	ALOX5AP Overexpression in Adipose Tissue Leads to LXA4 Production and Protection Against Diet-Induced Obesity and Insulin Resistance. Diabetes, 2016, 65, 2139-2150.	0.6	46
16	Comparative study of human embryonic stem cells (hESC) and human induced pluripotent stem cells (hiPSC) as a treatment for retinal dystrophies. Molecular Therapy - Methods and Clinical Development, 2016, 3, 16010.	4.1	27
17	CNS-directed gene therapy for the treatment of neurologic and somatic mucopolysaccharidosis type II (Hunter syndrome). JCI Insight, 2016, 1, e86696.	5.0	56
18	HMGA1 overexpression in adipose tissue impairs adipogenesis and prevents diet-induced obesity and insulin resistance. Scientific Reports, 2015, 5, 14487.	3.3	27

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19	Insulin-like Growth Factor 2 Overexpression Induces Î²-Cell Dysfunction and Increases Beta-cell Susceptibility to Damage. Journal of Biological Chemistry, 2015, 290, 16772-16785.	3.4	50
20	Biochemical, histological and functional correction of mucopolysaccharidosis Type IIIB by intra-cerebrospinal fluid gene therapy. Human Molecular Genetics, 2015, 24, 2078-2095.	2.9	48
21	Angiography reveals novel features of the retinal vasculature in healthy and diabetic mice. Experimental Eye Research, 2015, 138, 6-21.	2.6	51
22	The db/db Mouse: A Useful Model for the Study of Diabetic Retinal Neurodegeneration. PLoS ONE, 2014, 9, e97302.	2.5	156
23	Pancreatic Transduction by Helper-Dependent Adenoviral Vectors via Intraductal Delivery. Human Gene Therapy, 2014, 25, 824-836.	2.7	9
24	3-Dimensional histological reconstruction and imaging of the murine pancreas. Mammalian Genome, 2014, 25, 539-548.	2.2	5
25	Non-invasive in vivo measurement of cardiac output in C57BL/6 mice using high frequency transthoracic ultrasound: evaluation of gender and body weight effects. International Journal of Cardiovascular Imaging, 2014, 30, 1237-1244.	1.5	9
26	Sustained stimulation and expansion of Tregs by IL2 control autoimmunity without impairing immune responses to infection, vaccination and cancer. Clinical Immunology, 2014, 151, 114-126.	3.2	44
27	L-Ferritin Binding to Scara5: A New Iron Traffic Pathway Potentially Implicated in Retinopathy. PLoS ONE, 2014, 9, e106974.	2.5	41
28	Treatment of Diabetes and Long-Term Survival After Insulin and Glucokinase Gene Therapy. Diabetes, 2013, 62, 1718-1729.	0.6	59
29	The Use of Confocal Laser Microscopy to Analyze Mouse Retinal Blood Vessels. , 2013, , .		5
30	Whole body correction of mucopolysaccharidosis IIIA by intracerebrospinal fluid gene therapy. Journal of Clinical Investigation, 2013, 123, 3254-3271.	8.2	176
31	Liver Production of Sulfamidase Reverses Peripheral and Ameliorates CNS Pathology in Mucopolysaccharidosis IIIA Mice. Molecular Therapy, 2012, 20, 254-266.	8.2	51
32	Adipose Tissue Overexpression of Vascular Endothelial Growth Factor Protects Against Diet-Induced Obesity and Insulin Resistance. Diabetes, 2012, 61, 1801-1813.	0.6	270
33	Intercapillary bridging cells: Immunocytochemical characteristics of cells that connect blood vessels in the retina. Experimental Eye Research, 2012, 98, 79-87.	2.6	25
34	Long-Term Retinal PEDF Overexpression Prevents Neovascularization in a Murine Adult Model of Retinopathy. PLoS ONE, 2012, 7, e41511.	2.5	61
35	Endothelial Cell Transduction in Primary Cultures from Regressing Mesonephros. Cells Tissues Organs, 2010, 191, 84-95.	2.3	3
36	Scavenger Function of Resident Autofluorescent Perivascular Macrophages and Their Contribution to the Maintenance of the Bloodâ€“Retinal Barrier. , 2009, 50, 5997.		71

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37	The Quail Mesonephros: A New Model for Renal Senescence?. Journal of Vascular Research, 2006, 43, 581-586.	1.4	33
38	Î²â€Catenin expression during vascular development and degeneration of avian mesonephros. Journal of Anatomy, 2005, 206, 165-174.	1.5	8
39	Morphogenesis of blood vessels in the head muscles of avian embryo: Spatial, temporal, and VEGF expression analyses. Developmental Dynamics, 2003, 227, 470-483.	1.8	19
40	The lack of genital ridge vascularization in the early chick embryo: Implications in the migration of the primordial germ cells. The Anatomical Record, 1998, 251, 398-405.	1.8	6
41	Afferent portal venous system in the mesonephros and metanephros of chick embryos: Development and degeneration. The Anatomical Record, 1997, 247, 63-70.	1.8	14
42	Development and degeneration of the arterial system in the mesonephros and metanephros of chicken embryos. The Anatomical Record, 1995, 243, 120-128.	1.8	20