

# 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	Adipose Tissue Overexpression of Vascular Endothelial Growth Factor Protects Against Diet-Induced Obesity and Insulin Resistance. <i>Diabetes</i> , 2012, 61, 1801-1813.	0.6	270
2	FGF21 gene therapy as treatment for obesity and insulin resistance. <i>EMBO Molecular Medicine</i> , 2018, 10, .	6.9	176
3	Whole body correction of mucopolysaccharidosis IIIA by intracerebrospinal fluid gene therapy. <i>Journal of Clinical Investigation</i> , 2013, 123, 3254-3271.	8.2	176
4	The db/db Mouse: A Useful Model for the Study of Diabetic Retinal Neurodegeneration. <i>PLoS ONE</i> , 2014, 9, e97302.	2.5	156
5	Scavenger Function of Resident Autofluorescent Perivascular Macrophages and Their Contribution to the Maintenance of the Blood-Retinal Barrier. , 2009, 50, 5997.		71
6	Long-Term Retinal PEDF Overexpression Prevents Neovascularization in a Murine Adult Model of Retinopathy. <i>PLoS ONE</i> , 2012, 7, e41511.	2.5	61
7	Treatment of Diabetes and Long-Term Survival After Insulin and Glucokinase Gene Therapy. <i>Diabetes</i> , 2013, 62, 1718-1729.	0.6	59
8	CNS-directed gene therapy for the treatment of neurologic and somatic mucopolysaccharidosis type II (Hunter syndrome). <i>JCI Insight</i> , 2016, 1, e86696.	5.0	56
9	Liver Production of Sulfamidase Reverses Peripheral and Ameliorates CNS Pathology in Mucopolysaccharidosis IIIA Mice. <i>Molecular Therapy</i> , 2012, 20, 254-266.	8.2	51
10	Angiography reveals novel features of the retinal vasculature in healthy and diabetic mice. <i>Experimental Eye Research</i> , 2015, 138, 6-21.	2.6	51
11	Insulin-like Growth Factor 2 Overexpression Induces $\beta$ -Cell Dysfunction and Increases Beta-cell Susceptibility to Damage. <i>Journal of Biological Chemistry</i> , 2015, 290, 16772-16785.	3.4	50
12	Biochemical, histological and functional correction of mucopolysaccharidosis Type IIIB by intra-cerebrospinal fluid gene therapy. <i>Human Molecular Genetics</i> , 2015, 24, 2078-2095.	2.9	48
13	ALOX5AP Overexpression in Adipose Tissue Leads to LXA4 Production and Protection Against Diet-Induced Obesity and Insulin Resistance. <i>Diabetes</i> , 2016, 65, 2139-2150.	0.6	46
14	Sustained stimulation and expansion of Tregs by IL2 control autoimmunity without impairing immune responses to infection, vaccination and cancer. <i>Clinical Immunology</i> , 2014, 151, 114-126.	3.2	44
15	L-Ferritin Binding to Scara5: A New Iron Traffic Pathway Potentially Implicated in Retinopathy. <i>PLoS ONE</i> , 2014, 9, e106974.	2.5	41
16	Disease correction by AAV-mediated gene therapy in a new mouse model of mucopolysaccharidosis type IIID. <i>Human Molecular Genetics</i> , 2017, 26, 1535-1551.	2.9	39
17	Cellular Senescence Is Associated With Human Retinal Microaneurysm Formation During Aging. , 2017, 58, 2832.		35
18	The Quail Mesonephros: A New Model for Renal Senescence?. <i>Journal of Vascular Research</i> , 2006, 43, 581-586.	1.4	33

#	ARTICLE	IF	CITATIONS
19	HMGA1 overexpression in adipose tissue impairs adipogenesis and prevents diet-induced obesity and insulin resistance. <i>Scientific Reports</i> , 2015, 5, 14487.	3.3	27
20	Comparative study of human embryonic stem cells (hESC) and human induced pluripotent stem cells (hiPSC) as a treatment for retinal dystrophies. <i>Molecular Therapy - Methods and Clinical Development</i> , 2016, 3, 16010.	4.1	27
21	Intercapillary bridging cells: Immunocytochemical characteristics of cells that connect blood vessels in the retina. <i>Experimental Eye Research</i> , 2012, 98, 79-87.	2.6	25
22	Blood Vessel Basement Membrane Alterations in Human Retinal Microaneurysms During Aging. , 2017, 58, 1116.		25
23	Long-Term Efficacy and Safety of Insulin and Glucokinase Gene Therapy for Diabetes: 8-Year Follow-Up in Dogs. <i>Molecular Therapy - Methods and Clinical Development</i> , 2017, 6, 1-7.	4.1	23
24	Development and degeneration of the arterial system in the mesonephros and metanephros of chicken embryos. <i>The Anatomical Record</i> , 1995, 243, 120-128.	1.8	20
25	Morphogenesis of blood vessels in the head muscles of avian embryo: Spatial, temporal, and VEGF expression analyses. <i>Developmental Dynamics</i> , 2003, 227, 470-483.	1.8	19
26	Treatment of skeletal and non-skeletal alterations of Mucopolysaccharidosis type IVA by AAV-mediated gene therapy. <i>Nature Communications</i> , 2021, 12, 5343.	12.8	15
27	Afferent portal venous system in the mesonephros and metanephros of chick embryos: Development and degeneration. <i>The Anatomical Record</i> , 1997, 247, 63-70.	1.8	14
28	Progressive neurologic and somatic disease in a novel model of human Mucopolysaccharidosis type IIIC. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 999-1013.	2.4	14
29	Mutation in <i>Bmpr1b</i> Leads to Optic Disc Coloboma and Ventral Retinal Gliosis in Mice. , 2020, 61, 44.		11
30	Novel Use of PLGA Microspheres to Create an Animal Model of Glaucoma with Progressive Neuroretinal Degeneration. <i>Pharmaceutics</i> , 2021, 13, 237.	4.5	11
31	Pancreatic Transduction by Helper-Dependent Adenoviral Vectors via Intraductal Delivery. <i>Human Gene Therapy</i> , 2014, 25, 824-836.	2.7	9
32	Non-invasive in vivo measurement of cardiac output in C57BL/6 mice using high frequency transthoracic ultrasound: evaluation of gender and body weight effects. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 1237-1244.	1.5	9
33	β-Catenin expression during vascular development and degeneration of avian mesonephros. <i>Journal of Anatomy</i> , 2005, 206, 165-174.	1.5	8
34	TIM2 modulates retinal iron levels and is involved in blood-retinal barrier breakdown. <i>Experimental Eye Research</i> , 2021, 202, 108292.	2.6	7
35	The lack of genital ridge vascularization in the early chick embryo: Implications in the migration of the primordial germ cells. <i>The Anatomical Record</i> , 1998, 251, 398-405.	1.8	6
36	The Use of Confocal Laser Microscopy to Analyze Mouse Retinal Blood Vessels. , 2013, , .		5

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37	3-Dimensional histological reconstruction and imaging of the murine pancreas. <i>Mammalian Genome</i> , 2014, 25, 539-548.	2.2	5
38	Analysis of Parainflammation in Chronic Glaucoma Using Vitreous-OCT Imaging. <i>Biomedicines</i> , 2021, 9, 1792.	3.2	5
39	Endothelial Cell Transduction in Primary Cultures from Regressing Mesonephros. <i>Cells Tissues Organs</i> , 2010, 191, 84-95.	2.3	3
40	Vascular Interstitial Cells in Retinal Arteriolar Annuli Are Altered During Hypertension. , 2019, 60, 473.		3
41	Decreased endostatin in db/db retinas is associated with optic disc intravitreal vascularization. <i>Experimental Eye Research</i> , 2021, 212, 108801.	2.6	3
42	PATHBIO: an international training program for precision mouse phenotyping. <i>Mammalian Genome</i> , 2020, 31, 49-53.	2.2	2