Alicia Rodriguez-Barbero

List of Publications by Year
in descending order

72 papers	2,042 citations	236925 25 h-index	254184 43 g-index
73 all docs	73 docs citations	73 times ranked	2100 citing authors

#	Article	IF	Citations
1	Oral fluoxetine treatment changes serotonergic sympatho-regulation in experimental type 1 diabetes. Life Sciences, 2022, 293, 120335.	4.3	4
2	Endoglin and Activin Receptor-like Kinase 1 (Alk1) Modify Adrenomedullin Expression in an Organ-Specific Manner in Mice. Biology, 2022, 11, 358.	2.8	4
3	Functional Alterations Involved in Increased Bleeding in Hereditary Hemorrhagic Telangiectasia Mouse Models. Frontiers in Medicine, 2022, 9, .	2.6	3
4	Influence of elevated sleep-time blood pressure on vascular risk and hypertension-mediated organ damage. Chronobiology International, 2021, 38, 367-377.	2.0	1
5	Pregnancy-Induced High Plasma Levels of Soluble Endoglin in Mice Lead to Preeclampsia Symptoms and Placental Abnormalities. International Journal of Molecular Sciences, 2021, 22, 165.	4.1	19
6	Continuous endoglin (CD105) overexpression disrupts angiogenesis and facilitates tumor cell metastasis. Angiogenesis, 2020, 23, 231-247.	7.2	29
7	Dopamine D4 receptor subtype activation reduces the rat cardiac parasympathetic discharge. Pflugers Archiv European Journal of Physiology, 2020, 472, 1693-1703.	2.8	4
8	Angiogenesis in cardiopulmonary dirofilariosis: does the Wolbachia surface protein have a pro- or anti-angiogenic effect?. Journal of Helminthology, 2020, 94, e162.	1.0	4
9	Angiogenic response in an in vitro model of dog microvascular endothelial cells stimulated with antigenic extracts from Dirofilaria immitis adult worms. Parasites and Vectors, 2019, 12, 315.	2.5	8
10	Hypertension exhibits 5-HT4 receptor as a modulator of sympathetic neurotransmission in the rat mesenteric vasculature. Hypertension Research, 2019, 42, 618-627.	2.7	4
11	5â€<scp>HT</scp> modulates the rat mesenteric vasopressor outflow by 5â€HT_{1D} sympatholytic receptors. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 1224-1231.	1.9	7
12	Circulating soluble endoglin modifies the inflammatory response in mice. PLoS ONE, 2017, 12, e0188204.	2.5	15
13	OS 05-07 ROLE OF SOLUBLE ENDOGLIN IN THE PHYSIOPATHOLOGY OF PREECLAMPSIA. Journal of Hypertension, 2016, 34, e59-e60.	0.5	0
14	5-HT2 receptor blockade exhibits 5-HT vasodilator effects via nitric oxide, prostacyclin and ATP-sensitive potassium channels in rat renal vasculature. Vascular Pharmacology, 2016, 79, 51-59.	2.1	5
15	P-235 RCMD patients have an abnormal angiogenesis related to endoglin. Leukemia Research, 2013, 37, S129.	0.8	0
16	Peripheral 5-HT1D and 5-HT7 serotonergic receptors modulate sympathetic neurotransmission in chronic sarpogrelate treated rats. European Journal of Pharmacology, 2013, 714, 65-73.	3.5	23
17	Alteration in Endoglin-Related Angiogenesis in Refractory Cytopenia with Multilineage Dysplasia. PLoS ONE, 2013, 8, e53624.	2.5	3
18	Endoglin Haploinsufficiency Promotes Fibroblast Accumulation during Wound Healing through Akt Activation. PLoS ONE, 2013, 8, e54687.	2.5	20

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19	Participation of cyclooxygenase pathway in the vasoconstriction induced by 5-HT in the in situ autoperfused kidney of long-term diabetic rats. European Journal of Pharmacology, 2011, 659, 37-44.	3.5	11
20	Adult Dirofilaria immitis excretory/secretory antigens upregulate the production of prostaglandin E2 and downregulate monocyte transmigration in an â€œin vitroâ€•model of vascular endothelial cell cultures. Veterinary Parasitology, 2010, 170, 331-335.	1.8	15
21	Reduced plasma levels of Ang-2 and sEng as novel biomarkers in hereditary hemorrhagic telangiectasia (HHT). Clinica Chimica Acta, 2010, 411, 494-499.	1.1	21
22	Characterization of the contractile 5-hydroxytryptamine receptor in the autoperfused kidney of L-NAME hypertensive rats. European Journal of Pharmacology, 2009, 620, 90-96.	3.5	13
23	Dirofilaria immitis and Wolbachia-derived antigens: Its effect on endothelial mammal cells. Veterinary Parasitology, 2008, 158, 223-231.	1.8	16
24	Characterization of contractile 5-hydroxytryptamine receptor subtypes in the in situ autoperfused kidney in the anaesthetized rat. European Journal of Pharmacology, 2008, 592, 133-137.	3.5	16
25	Identification of serum endoglin as a novel prognostic marker after acute myocardial infarction. Journal of Cellular and Molecular Medicine, 2008, 12, 955-961.	3.6	40
26	Vascular endothelial cell activation by adult Dirofilaria immitis antigens. Parasitology International, 2008, 57, 441-446.	1.3	20
27	L- and S-endoglin differentially modulate TGFÎ²1 signaling mediated by ALK1 and ALK5 in L6E9 myoblasts. Journal of Cell Science, 2008, 121, 913-919.	2.0	105
28	Teaching integrative physiology using the quantitative circulatory physiology model and case discussion method: evaluation of the learning experience. American Journal of Physiology - Advances in Physiology Education, 2008, 32, 304-311.	1.6	27
29	The mitogen-activated protein kinase Erk5 mediates human mesangial cell activation. Nephrology Dialysis Transplantation, 2008, 23, 3403-3411.	0.7	23
30	S-Endoglin Expression Is Induced in Senescent Endothelial Cells and Contributes to Vascular Pathology. Circulation Research, 2008, 103, 1383-1392.	4.5	80
31	Gene expression fingerprinting for human hereditary hemorrhagic telangiectasia. Human Molecular Genetics, 2007, 16, 2649-2649.	2.9	0
32	Gene expression fingerprinting for human hereditary hemorrhagic telangiectasia. Human Molecular Genetics, 2007, 16, 1515-1533.	2.9	48
33	Human recombinant erythropoietic agents do not induce changes in circulating levels of endoglin and vascular endothelial growth factor in anemic cancer patients. Cancer Letters, 2007, 255, 71-76.	7.2	1
34	Changes in the levels of eicosanoids in cats naturally and experimentally infected with Dirofilaria immitis. Veterinary Parasitology, 2007, 147, 271-275.	1.8	10
35	Resveratrol inhibits gentamicin-induced mesangial cell contraction. Life Sciences, 2006, 78, 2373-2377.	4.3	21
36	TGF-Î²1 induces COX-2 expression and PGE2 synthesis through MAPK and PI3K pathways in human mesangial cells. Kidney International, 2006, 70, 901-909.	5.2	75

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37	Endoglin Modulation of TGF-ÃŸ1-Induced Collagen Synthesis is Dependent on ERK1/2 MAPK Activation. Cellular Physiology and Biochemistry, 2006, 18, 135-142.	1.6	65
38	Endoglin Regulates Cyclooxygenase-2 Expression and Activity. Circulation Research, 2006, 99, 248-256.	4.5	47
39	Reduced angiogenic responses in adult endoglin heterozygous mice. Cardiovascular Research, 2006, 69, 845-854.	3.8	105
40	High Levels of Serum Thromboxane B2 Are Generated during Human Pulmonary Dirofilariosis. Vaccine Journal, 2006, 13, 1175-1176.	3.1	10
41	Role of Vascular Nitric Oxide in Experimental Liver Cirrhosis. Current Vascular Pharmacology, 2005, 3, 81-85.	1.7	11
42	Matrix metalloproteinase 13 mediates nitric oxide activation of endothelial cell migration. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3685-3690.	7.1	80
43	Gentamicin induces Jun-AP1 expression and JNK activation in renal glomeruli and cultured mesangial cells. Life Sciences, 2005, 77, 2285-2298.	4.3	9
44	Endoglin Expression Regulates Basal and TGF-Î²1-induced Extracellular Matrix Synthesis in Cultured L₆E₉ Myoblasts. Cellular Physiology and Biochemistry, 2004, 14, 301-310.	1.6	46
45	Relative roles of endothelin-1 and angiotensin II in experimental post-ischaemic acute renal failure. Nephrology Dialysis Transplantation, 2004, 19, 83-94.	0.7	43
46	Endoglin regulates nitric oxideâ€dependent vasodilatation. FASEB Journal, 2004, 18, 609-611.	0.5	163
47	Induction of DNA synthesis by ligation of the CD53 tetraspanin antigen in primary cultures of mesangial cells. Kidney International, 2003, 63, 534-542.	5.2	8
48	Transforming growth factor-Î²1 induces collagen synthesis and accumulation via p38 mitogen-activated protein kinase (MAPK) pathway in cultured L6E9myoblasts. FEBS Letters, 2002, 513, 282-288.	2.8	59
49	Expression of endoglin in human mesangial cells: modulation of extracellular matrix synthesis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2002, 1587, 36-44.	3.8	66
50	Involvement of reactive oxygen species on gentamicin-induced mesangial cell activation. Kidney International, 2002, 62, 1682-1692.	5.2	61
51	Endoglin Expression in Human and Rat Mesangial Cells and Its Upregulation by TGF-Î²1. Biochemical and Biophysical Research Communications, 2001, 282, 142-147.	2.1	46
52	Role of Calcium in Gentamicin-Induced Mesangial Cell Activation. Cellular Physiology and Biochemistry, 2000, 10, 65-72.	1.6	20
53	F-actin fiber distribution in glomerular cells: Structural and functional implications. Kidney International, 2000, 58, 2452-2461.	5.2	74
54	Potential use of isolated glomeruli and cultured mesangial cells as in vitro models to assess nephrotoxicity. Cell Biology and Toxicology, 2000, 16, 145-153.	5.3	49

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55	Characterization of the rat mesangial cell type 2 sulfonylurea receptor. Kidney International, 1999, 55, 2289-2298.	5.2	9
56	Effects of oral antihyperglycemic agents on extracellular matrix synthesis by mesangial cells. Kidney International, 1998, 54, 1985-1998.	5.2	27
57	Three-Dimensional Microcomputed Tomography of Renal Vasculature in Rats. Hypertension, 1998, 31, 440-444.	2.7	126
58	Mechanical strain- and high glucose-induced alterations in mesangial cell collagen metabolism. Journal of the American Society of Nephrology: JASN, 1998, 9, 827-836.	6.1	69
59	Perindopril Stimulates Cultured Mesangial Cell Activation via Bradykinin Accumulation. Cellular Physiology and Biochemistry, 1997, 7, 69-80.	1.6	4
60	Involvement of phospholipase A2 in gentamicin-induced rat mesangial cell activation. American Journal of Physiology - Renal Physiology, 1997, 273, F60-F66.	2.7	8
61	The Role of Platelet-Activating Factor and the Effect of PAF Blocking Receptors on the Outcome of ARF. Renal Failure, 1996, 18, 489-499.	2.1	1
62	Effect of Verapamil on Endothelin-1-Induced Proliferation in Cultured Rat Mesangial Cells. Cellular Physiology and Biochemistry, 1995, 5, 155-166.	1.6	9
63	Gentamicin activates rat mesangial cells. A role for platelet activating factor. Kidney International, 1995, 47, 1346-1353.	5.2	26
64	Effect of N^G-Nitro-<i>L</i>Â·Arginine Methyl Ester on Nephrotoxicity Induced by Gentamicin in Rats. Nephron, 1995, 71, 203-207.	1.8	20
65	Effect of Felodipine on Systemic Hemodynamics of Spontaneous Mild-Hypertensive Aged Rats. Archives of Physiology and Biochemistry, 1995, 103, 87-90.	2.1	1
66	Effect of Hypothalamic-Hypophysary Inhibitory Factor on Mesangial Cell Activation. Hypertension, 1995, 26, 905-911.	2.7	8
67	Effect of Atrial Natriuretic Peptide and Calcium Antagonists on Platelet-Activating Factor-Induced Contraction and Intracellular Calcium Mobilization in Rat Mesangial Cells. Journal of Cardiovascular Pharmacology, 1994, 24, 388-393.	1.9	11
68	A role for platelet-activating factor in endothelin-1-induced rat mesangial cell proliferation. European Journal of Pharmacology, 1993, 243, 235-240.	3.5	28
69	Effect of gentamicin treatment on glutamine and lactate metabolism by the renal cortex of the rat. Archives Internationales De Physiologie, De Biochimie Et De Biophysique, 1993, 101, 193-196.	0.1	5
70	Gentamicin nephrotoxicity in rats is not modified by verapamil. Archives Internationales De Physiologie, De Biochimie Et De Biophysique, 1993, 101, 395-397.	0.1	4
71	Effect of Ouabain and Hypothalamic, Hypophysary Inhibitory Factor on Rat Mesangial Cell Proliferation. Journal of Cardiovascular Pharmacology, 1993, 22, S35-S37.	1.9	11
72	Effect of platelet activating factor antagonist treatment on gentamicin nephrotoxicity. Mediators of Inflammation, 1992, 1, 23-26.	3.0	18