

# Jos M Lopez-Novoa

## List of Publications by Citations

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167  
papers

7,005  
citations

45  
h-index

78  
g-index

173  
ext. papers

7,809  
ext. citations

6.5  
avg, IF

5.84  
L-index

#	Paper	IF	Citations
167	Snail1-induced partial epithelial-to-mesenchymal transition drives renal fibrosis in mice and can be targeted to reverse established disease. <i>Nature Medicine</i> , <b>2015</b> , 21, 989-97	50.5	445
166	New insights into the mechanism of aminoglycoside nephrotoxicity: an integrative point of view. <i>Kidney International</i> , <b>2011</b> , 79, 33-45	9.9	374
165	Role of TGF- $\beta$ in chronic kidney disease: an integration of tubular, glomerular and vascular effects. <i>Cell and Tissue Research</i> , <b>2012</b> , 347, 141-54	4.2	215
164	Fibroblast activation and myofibroblast generation in obstructive nephropathy. <i>Nature Reviews Nephrology</i> , <b>2009</b> , 5, 319-28	14.9	209
163	Metformin prevents experimental gentamicin-induced nephropathy by a mitochondria-dependent pathway. <i>Kidney International</i> , <b>2010</b> , 77, 861-9	9.9	188
162	The emerging role of TGF-beta superfamily coreceptors in cancer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2009</b> , 1792, 954-73	6.9	186
161	An integrative view of the pathophysiological events leading to cisplatin nephrotoxicity. <i>Critical Reviews in Toxicology</i> , <b>2011</b> , 41, 803-21	5.7	167
160	Glomerular nephrotoxicity of aminoglycosides. <i>Toxicology and Applied Pharmacology</i> , <b>2007</b> , 223, 86-98	4.6	166
159	An integrative overview on the mechanisms underlying the renal tubular cytotoxicity of gentamicin. <i>Toxicological Sciences</i> , <b>2011</b> , 119, 245-56	4.4	160
158	The physiological role of endoglin in the cardiovascular system. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2010</b> , 299, H959-74	5.2	142
157	CD105 prevents apoptosis in hypoxic endothelial cells. <i>Journal of Cell Science</i> , <b>2003</b> , 116, 2677-85	5.3	133
156	Subcellular targets of cisplatin cytotoxicity: an integrated view. <i>Pharmacology &amp; Therapeutics</i> , <b>2012</b> , 136, 35-55	13.9	125
155	An integrative view on the role of TGF-beta in the progressive tubular deletion associated with chronic kidney disease. <i>Kidney International</i> , <b>2010</b> , 77, 950-5	9.9	113
154	Quercetin reduces cisplatin nephrotoxicity in rats without compromising its anti-tumour activity. <i>Nephrology Dialysis Transplantation</i> , <b>2011</b> , 26, 3484-95	4.3	102
153	Role of inflammation in tubulo-interstitial damage associated to obstructive nephropathy. <i>Journal of Inflammation</i> , <b>2010</b> , 7, 19	6.7	102
152	Endothelial endoglin is involved in inflammation: role in leukocyte adhesion and transmigration. <i>Blood</i> , <b>2013</b> , 121, 403-15	2.2	100
151	Etiopathology of chronic tubular, glomerular and renovascular nephropathies: clinical implications. <i>Journal of Translational Medicine</i> , <b>2011</b> , 9, 13	8.5	100

150	Common pathophysiological mechanisms of chronic kidney disease: therapeutic perspectives. <i>Pharmacology &amp; Therapeutics</i> , <b>2010</b> , 128, 61-81	13.9	100
149	Vav3 proto-oncogene deficiency leads to sympathetic hyperactivity and cardiovascular dysfunction. <i>Nature Medicine</i> , <b>2006</b> , 12, 841-5	50.5	98
148	Endoglin increases eNOS expression by modulating Smad2 protein levels and Smad2-dependent TGF-beta signaling. <i>Journal of Cellular Physiology</i> , <b>2007</b> , 210, 456-68	7	94
147	Effect of quercetin on metallothionein, nitric oxide synthases and cyclooxygenase-2 expression on experimental chronic cadmium nephrotoxicity in rats. <i>Toxicology and Applied Pharmacology</i> , <b>2006</b> , 210, 128-35	4.6	91
146	Reduced angiogenic responses in adult Endoglin heterozygous mice. <i>Cardiovascular Research</i> , <b>2006</b> , 69, 845-54	9.9	90
145	Presence of platelet-activating factor in blood from humans and experimental animals. Its absence in anephric individuals. <i>Biochemical and Biophysical Research Communications</i> , <b>1984</b> , 120, 789-96	3.4	89
144	L- and S-endoglin differentially modulate TGFbeta1 signaling mediated by ALK1 and ALK5 in L6E9 myoblasts. <i>Journal of Cell Science</i> , <b>2008</b> , 121, 913-9	5.3	86
143	Mice deficient in telomerase activity develop hypertension because of an excess of endothelin production. <i>Circulation</i> , <b>2006</b> , 114, 309-17	16.7	83
142	Effect of volume expansion on hemodynamics, capillary permeability and renal function in conscious, cirrhotic rats. <i>Hepatology</i> , <b>1986</b> , 6, 129-34	11.2	80
141	Increased plasma soluble endoglin levels as an indicator of cardiovascular alterations in hypertensive and diabetic patients. <i>BMC Medicine</i> , <b>2010</b> , 8, 86	11.4	76
140	TNF-related weak inducer of apoptosis (TWEAK) promotes kidney fibrosis and Ras-dependent proliferation of cultured renal fibroblast. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2013</b> , 1832, 1744-55	6.9	71
139	Oxysterol-induced soluble endoglin release and its involvement in hypertension. <i>Circulation</i> , <b>2012</b> , 126, 2612-24	16.7	71
138	S-endoglin expression is induced in senescent endothelial cells and contributes to vascular pathology. <i>Circulation Research</i> , <b>2008</b> , 103, 1383-92	15.7	70
137	Activation of Erk1/2 and Akt following unilateral ureteral obstruction. <i>Kidney International</i> , <b>2008</b> , 74, 196-209	9.9	66
136	Pathophysiological role of different tubular epithelial cell death modes in acute kidney injury. <i>CKJ: Clinical Kidney Journal</i> , <b>2015</b> , 8, 548-59	4.5	64
135	Endoglin upregulation during experimental renal interstitial fibrosis in mice. <i>Hypertension</i> , <b>2002</b> , 40, 713-20	13.9	61
134	TGF- $\beta$ /BMP proteins as therapeutic targets in renal fibrosis. Where have we arrived after 25 years of trials and tribulations?. <i>Pharmacology &amp; Therapeutics</i> , <b>2015</b> , 156, 44-58	13.9	60
133	Potential role of platelet activating factor in acute renal failure. <i>Kidney International</i> , <b>1999</b> , 55, 1672-82	9.9	60

132	Endoglin modulation of TGF-beta1-induced collagen synthesis is dependent on ERK1/2 MAPK activation. <i>Cellular Physiology and Biochemistry</i> , <b>2006</b> , 18, 135-42	3.9	58
131	Actions of cyclosporin A on cultured rat mesangial cells. <i>Kidney International</i> , <b>1989</b> , 35, 632-7	9.9	58
130	Adenosine induces mesangial cell contraction by an A1-type receptor. <i>Kidney International</i> , <b>1989</b> , 35, 1300-5	9.9	55
129	Loss of Vav2 proto-oncogene causes tachycardia and cardiovascular disease in mice. <i>Molecular Biology of the Cell</i> , <b>2007</b> , 18, 943-52	3.5	53
128	Protective effect of trans-resveratrol on gentamicin-induced nephrotoxicity. <i>Antioxidants and Redox Signaling</i> , <b>2002</b> , 4, 893-8	8.4	53
127	Translational value of animal models of kidney failure. <i>European Journal of Pharmacology</i> , <b>2015</b> , 759, 205-20	5.3	52
126	Endoglin regulates mural cell adhesion in the circulatory system. <i>Cellular and Molecular Life Sciences</i> , <b>2016</b> , 73, 1715-39	10.3	51
125	Necrotic concentrations of cisplatin activate the apoptotic machinery but inhibit effector caspases and interfere with the execution of apoptosis. <i>Toxicological Sciences</i> , <b>2011</b> , 122, 73-85	4.4	49
124	Deletion of H-Ras decreases renal fibrosis and myofibroblast activation following ureteral obstruction in mice. <i>Kidney International</i> , <b>2010</b> , 77, 509-18	9.9	48
123	Involvement of reactive oxygen species on gentamicin-induced mesangial cell activation. <i>Kidney International</i> , <b>2002</b> , 62, 1682-92	9.9	48
122	ALK1-Smad1/5 signaling pathway in fibrosis development: friend or foe?. <i>Cytokine and Growth Factor Reviews</i> , <b>2013</b> , 24, 523-37	17.9	45
121	Renal effects and mesangial cell contraction induced by endothelin are mediated by PAF. <i>Kidney International</i> , <b>1991</b> , 39, 624-30	9.9	45
120	Reduced tumor growth and angiogenesis in endoglin-haploinsufficient mice. <i>Tumor Biology</i> , <b>2007</b> , 28, 1-8	2.9	44
119	The role of endoglin in post-ischemic revascularization. <i>Angiogenesis</i> , <b>2017</b> , 20, 1-24	10.6	43
118	The ALK-1/Smad1 pathway in cardiovascular physiopathology. A new target for therapy?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2013</b> , 1832, 1492-510	6.9	43
117	Gentamicin treatment induces simultaneous mesangial proliferation and apoptosis in rats. <i>Kidney International</i> , <b>2004</b> , 65, 2161-71	9.9	43
116	Endoglin expression in human and rat mesangial cells and its upregulation by TGF-beta1. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 282, 142-7	3.4	43
115	Endoglin expression regulates basal and TGF-beta1-induced extracellular matrix synthesis in cultured L6E9 myoblasts. <i>Cellular Physiology and Biochemistry</i> , <b>2004</b> , 14, 301-10	3.9	42

114	Endoglin regulates cyclooxygenase-2 expression and activity. <i>Circulation Research</i> , <b>2006</b> , 99, 248-56	15.7	41
113	Gene expression fingerprinting for human hereditary hemorrhagic telangiectasia. <i>Human Molecular Genetics</i> , <b>2007</b> , 16, 1515-33	5.6	41
112	Involvement of H- and N-Ras isoforms in transforming growth factor-beta1-induced proliferation and in collagen and fibronectin synthesis. <i>Experimental Cell Research</i> , <b>2006</b> , 312, 2093-106	4.2	40
111	Differential effect of quercetin on cisplatin-induced toxicity in kidney and tumor tissues. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 107, 226-236	4.7	39
110	Interrelation between the inhibition of glycolytic flux by silibinin and the lowering of mitochondrial ROS production in perfused rat hepatocytes. <i>Life Sciences</i> , <b>2008</b> , 82, 1070-6	6.8	39
109	The flavonoid silibinin decreases glucose-6-phosphate hydrolysis in perfused rat hepatocytes by an inhibitory effect on glucose-6-phosphatase. <i>Cellular Physiology and Biochemistry</i> , <b>2007</b> , 20, 925-34	3.9	39
108	Endoglin regulates renal ischaemia-reperfusion injury. <i>Nephrology Dialysis Transplantation</i> , <b>2006</b> , 21, 2106-19	4.3	36
107	Intrarenal administration of molsidomine, a molecule releasing nitric oxide, reduces renal ischemia-reperfusion injury in rats. <i>American Journal of Transplantation</i> , <b>2004</b> , 4, 1605-13	8.7	33
106	Glomeruli from ischemic rat kidneys produce increased amounts of platelet activating factor. <i>Biochemical and Biophysical Research Communications</i> , <b>1988</b> , 152, 129-35	3.4	33
105	Glomerular cell proliferation and apoptosis in uninephrectomized spontaneously hypertensive rats. <i>Kidney International</i> , <b>1998</b> , 68, S36-40	9.9	32
104	Identification of serum endoglin as a novel prognostic marker after acute myocardial infarction. <i>Journal of Cellular and Molecular Medicine</i> , <b>2008</b> , 12, 955-61	5.6	32
103	Osteoprotegerin is associated with cardiovascular risk in hypertension and/or diabetes. <i>European Journal of Clinical Investigation</i> , <b>2012</b> , 42, 548-56	4.6	31
102	Urinary levels of regenerating islet-derived protein III and gelsolin differentiate gentamicin from cisplatin-induced acute kidney injury in rats. <i>Kidney International</i> , <b>2011</b> , 79, 518-28	9.9	29
101	Therapeutical relevance of MAP-kinase inhibitors in renal diseases: current knowledge and future clinical perspectives. <i>Current Medicinal Chemistry</i> , <b>2008</b> , 15, 2054-70	4.3	28
100	Endoglin involvement in integrin-mediated cell adhesion as a putative pathogenic mechanism in hereditary hemorrhagic telangiectasia type 1 (HHT1). <i>Frontiers in Genetics</i> , <b>2014</b> , 5, 457	4.5	27
99	Sub-nephrotoxic doses of gentamicin predispose animals to developing acute kidney injury and to excrete ganglioside M2 activator protein. <i>Kidney International</i> , <b>2010</b> , 78, 1006-15	9.9	27
98	Telomerase deficiency promotes oxidative stress by reducing catalase activity. <i>Free Radical Biology and Medicine</i> , <b>2008</b> , 45, 1243-51	7.8	27
97	Renal ischemia in the rat stimulates glomerular nitric oxide synthesis. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2001</b> , 280, R771-9	3.2	27

96	Increased oxidative stress, the renin-angiotensin system, and sympathetic overactivation induce hypertension in kidney androgen-regulated protein transgenic mice. <i>Free Radical Biology and Medicine</i> , <b>2011</b> , 51, 1831-41	7.8	26
95	Soluble endoglin is an accurate predictor and a pathogenic molecule in pre-eclampsia. <i>Nephrology Dialysis Transplantation</i> , <b>2007</b> , 22, 712-4	4.3	26
94	Long-term nebivolol administration reduces renal fibrosis and prevents endothelial dysfunction in rats with hypertension induced by renal mass reduction. <i>Journal of Hypertension</i> , <b>2007</b> , 25, 2486-96	1.9	26
93	Effect of adenosine and adenosine analogues on cyclic AMP accumulation in cultured mesangial cells and isolated glomeruli of the rat. <i>British Journal of Pharmacology</i> , <b>1992</b> , 107, 341-6	8.6	26
92	Delayed mTOR inhibition with low dose of everolimus reduces TGF $\beta$ expression, attenuates proteinuria and renal damage in the renal mass reduction model. <i>PLoS ONE</i> , <b>2012</b> , 7, e32516	3.7	25
91	Effects of deferasirox on renal function and renal epithelial cell death. <i>Toxicology Letters</i> , <b>2011</b> , 203, 154-61	4.4	24
90	Effects of chronic nitric oxide activation or inhibition on early hepatic fibrosis in rats with bile duct ligation. <i>Clinical Science</i> , <b>1999</b> , 96, 297	6.5	24
89	Cardiotrophin-1 administration prevents the renal toxicity of iodinated contrast media in rats. <i>Toxicological Sciences</i> , <b>2013</b> , 132, 493-501	4.4	22
88	The mitogen-activated protein kinase Erk5 mediates human mesangial cell activation. <i>Nephrology Dialysis Transplantation</i> , <b>2008</b> , 23, 3403-11	4.3	22
87	H-Ras isoform modulates extracellular matrix synthesis, proliferation, and migration in fibroblasts. <i>American Journal of Physiology - Cell Physiology</i> , <b>2012</b> , 302, C686-97	5.4	21
86	Immunosuppression-Independent Role of Regulatory T Cells against Hypertension-Driven Renal Dysfunctions. <i>Molecular and Cellular Biology</i> , <b>2015</b> , 35, 3528-46	4.8	20
85	Endoglin-based biological therapy in the treatment of angiogenesis-dependent pathologies. <i>Expert Opinion on Biological Therapy</i> , <b>2017</b> , 17, 1053-1063	5.4	20
84	Mechanisms involved in the genesis of diabetic nephropathy. <i>Current Diabetes Reviews</i> , <b>2010</b> , 6, 68-87	2.7	20
83	Exogenous nitric oxide modulates the systemic inflammatory response and improves kidney function after risk-situation abdominal aortic surgery. <i>Journal of Vascular Surgery</i> , <b>2005</b> , 42, 129-39	3.5	20
82	Gentamicin activates rat mesangial cells. A role for platelet activating factor. <i>Kidney International</i> , <b>1995</b> , 47, 1346-53	9.9	20
81	Platelet-activating factor mediates pancreatic function derangement in caerulein-induced pancreatitis in rats. <i>Clinical Science</i> , <b>1994</b> , 87, 85-90	6.5	20
80	ALK1 heterozygosity increases extracellular matrix protein expression, proliferation and migration in fibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2014</b> , 1843, 1111-22	4.9	19
79	Cardiotrophin-1 administration protects from ischemia-reperfusion renal injury and inflammation. <i>Transplantation</i> , <b>2013</b> , 96, 1034-42	1.8	19

78	Endoglin haploinsufficiency promotes fibroblast accumulation during wound healing through Akt activation. <i>PLoS ONE</i> , <b>2013</b> , 8, e54687	3.7	19
77	Transforming growth factor-beta1 (TGF-beta1): a potential recovery signal in the post-ischemic kidney. <i>Renal Failure</i> , <b>2002</b> , 24, 391-406	2.9	19
76	N-acetylcysteine transforms necrosis into apoptosis and affords tailored protection from cisplatin cytotoxicity. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 349, 83-93	4.6	18
75	Identification of bone morphogenetic protein 9 (BMP9) as a novel profibrotic factor in vitro. <i>Cellular Signalling</i> , <b>2016</b> , 28, 1252-61	4.9	18
74	High soluble endoglin levels do not induce endothelial dysfunction in mouse aorta. <i>PLoS ONE</i> , <b>2015</b> , 10, e0119665	3.7	18
73	Adenosine activates mesangial cell proliferation. <i>Cellular Signalling</i> , <b>1997</b> , 9, 59-63	4.9	18
72	Resveratrol inhibits gentamicin-induced mesangial cell contraction. <i>Life Sciences</i> , <b>2006</b> , 78, 2373-7	6.8	18
71	Sequential changes in redox status and nitric oxide synthases expression in the liver after bile duct ligation. <i>Life Sciences</i> , <b>2004</b> , 75, 717-32	6.8	18
70	Effect of the long-term treatment with trandolapril on endoglin expression in rats with experimental renal fibrosis induced by renal mass reduction. <i>Kidney and Blood Pressure Research</i> , <b>2005</b> , 28, 32-40	3.1	18
69	Beneficial effect of the long-term treatment with the combination of an ACE inhibitor and a calcium channel blocker on renal injury in rats with 5/6 nephrectomy. <i>Nephron Experimental Nephrology</i> , <b>1998</b> , 6, 39-49		18
68	Mechanisms of the impaired diuretic and natriuretic responses to a sustained and moderate saline infusion in rats with experimental cirrhosis. <i>Hepatology</i> , <b>1984</b> , 4, 419-23	11.2	18
67	The role of endoglin in kidney fibrosis. <i>Expert Reviews in Molecular Medicine</i> , <b>2014</b> , 16, e18	6.7	17
66	Endoglin is expressed in the chicken vasculature and is involved in angiogenesis. <i>FEBS Letters</i> , <b>1999</b> , 459, 249-54	3.8	17
65	Continuous endoglin (CD105) overexpression disrupts angiogenesis and facilitates tumor cell metastasis. <i>Angiogenesis</i> , <b>2020</b> , 23, 231-247	10.6	17
64	Heterozygous disruption of activin receptor-like kinase 1 is associated with increased renal fibrosis in a mouse model of obstructive nephropathy. <i>Kidney International</i> , <b>2014</b> , 85, 319-32	9.9	16
63	Analysis of k-ras nuclear expression in fibroblasts and mesangial cells. <i>PLoS ONE</i> , <b>2010</b> , 5, e8703	3.7	16
62	Potential utility of PPARalpha activation in the prevention of ischemic and drug-induced acute renal damage. <i>Kidney International</i> , <b>2009</b> , 76, 1022-4	9.9	16
61	L-Endoglin overexpression increases renal fibrosis after unilateral ureteral obstruction. <i>PLoS ONE</i> , <b>2014</b> , 9, e110365	3.7	15

60	Impaired wound repair in adult endoglin heterozygous mice associated with lower NO bioavailability. <i>Journal of Investigative Dermatology</i> , <b>2014</b> , 134, 247-255	4.3	15
59	Cardiotrophin-1 therapy prevents gentamicin-induced nephrotoxicity in rats. <i>Pharmacological Research</i> , <b>2016</b> , 107, 137-146	10.2	15
58	High Levels of Soluble Endoglin Induce a Proinflammatory and Oxidative-Stress Phenotype Associated with Preserved NO-Dependent Vasodilatation in Aortas from Mice Fed a High-Fat Diet. <i>Journal of Vascular Research</i> , <b>2016</b> , 53, 149-162	1.9	15
57	The small GTPase N-Ras regulates extracellular matrix synthesis, proliferation and migration in fibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2013</b> , 1833, 2734-2744	4.9	14
56	Activation of small GTPase Ras and renal fibrosis. <i>Journal of Nephrology</i> , <b>2005</b> , 18, 341-9	4.8	14
55	Renal fibrosis in diabetic and aortic-constricted hypertensive rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2001</b> , 280, R1823-9	3.2	13
54	Association of VAV2 and VAV3 polymorphisms with cardiovascular risk factors. <i>Scientific Reports</i> , <b>2017</b> , 7, 41875	4.9	12
53	Nitric oxide is involved in apoptosis induced by thapsigargin in rat mesangial cells. <i>Cellular Physiology and Biochemistry</i> , <b>1999</b> , 9, 285-96	3.9	12
52	Effect of angiotensin II and small GTPase Ras signaling pathway inhibition on early renal changes in a murine model of obstructive nephropathy. <i>BioMed Research International</i> , <b>2014</b> , 2014, 124902	3	11
51	Impaired erythropoietin synthesis in chronic kidney disease is caused by alterations in extracellular matrix composition. <i>Journal of Cellular and Molecular Medicine</i> , <b>2018</b> , 22, 302-314	5.6	10
50	Overexpression of the short endoglin isoform reduces renal fibrosis and inflammation after unilateral ureteral obstruction. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2016</b> , 1862, 1801-14	6.9	10
49	Effects of captopril, losartan, and nifedipine on cell hypertrophy of cultured vascular smooth muscle from hypertensive Ren-2 transgenic rats. <i>British Journal of Pharmacology</i> , <b>1997</b> , 121, 1438-44	8.6	10
48	Increased renal glomerular endothelin-1 release in gentamicin-induced nephrotoxicity. <i>International Journal of Experimental Pathology</i> , <b>1999</b> , 80, 265-70	2.8	10
47	Targeted genomic disruption of H-ras and N-ras has no effect on early renal changes after unilateral ureteral ligation. <i>World Journal of Urology</i> , <b>2009</b> , 27, 787-97	4	9
46	Heterozygous deficiency of endoglin decreases insulin and hepatic triglyceride levels during high fat diet. <i>PLoS ONE</i> , <b>2013</b> , 8, e54591	3.7	9
45	Potential Role of Circulating Endoglin in Hypertension via the Upregulated Expression of BMP4. <i>Cells</i> , <b>2020</b> , 9,	7.9	9
44	Concerted action of ANP and dopamine D1-receptor to regulate sodium homeostasis in nephrotic syndrome. <i>BioMed Research International</i> , <b>2013</b> , 2013, 397391	3	8
43	Protective effect of new nitrosothiols on the early inflammatory response to kidney ischemia/reperfusion and transplantation in rats. <i>Journal of Interferon and Cytokine Research</i> , <b>2009</b> , 29, 441-50	3.5	8



42	Gentamicin induces Jun-AP1 expression and JNK activation in renal glomeruli and cultured mesangial cells. <i>Life Sciences</i> , <b>2005</b> , 77, 2285-98	6.8	8
41	Increased apoptosis susceptibility in mesangial cells from spontaneously hypertensive rats. <i>Microvascular Research</i> , <b>2000</b> , 59, 80-7	3.7	8
40	Comparative effects of dopexamine and dopamine on glycerol-induced acute renal failure in rats. <i>Renal Failure</i> , <b>1996</b> , 18, 59-68	2.9	8
39	Absence of K-Ras Reduces Proliferation and Migration But Increases Extracellular Matrix Synthesis in Fibroblasts. <i>Journal of Cellular Physiology</i> , <b>2016</b> , 231, 2224-35	7	8
38	Endogenous angiotensin II and cell hypertrophy in vascular smooth muscle cultures from hypertensive Ren-2 transgenic rats. <i>Cellular Physiology and Biochemistry</i> , <b>1998</b> , 8, 106-16	3.9	7
37	Effect of atrial natriuretic peptide and calcium antagonists on platelet-activating factor-induced contraction and intracellular calcium mobilization in rat mesangial cells. <i>Journal of Cardiovascular Pharmacology</i> , <b>1994</b> , 24, 388-93	3.1	7
36	Effect of dietary sodium intake on the pressor reactivity to angiotensin II in rats with experimental cirrhosis of the liver. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>1989</b> , 67, 1506-11	2.4	7
35	Pregnancy-Induced High Plasma Levels of Soluble Endoglin in Mice Lead to Preeclampsia Symptoms and Placental Abnormalities. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 22,	6.3	7
34	Effect of adenosine in extracellular matrix synthesis in human and rat mesangial cells. <i>Molecular and Cellular Biochemistry</i> , <b>2007</b> , 305, 163-9	4.2	6
33	The lord of the ring: mandatory role of the kidney in drug therapy of hypertension <b>2006</b> , 111, 53-80		6
32	Hemodynamic effects of somatostatin in the rat: relationship with plasma glucagon levels. <i>Heart and Vessels</i> , <b>1990</b> , 5, 219-23	2.1	6
31	Heterozygous disruption of activin receptor-like kinase 1 is associated with increased arterial pressure in mice. <i>DMM Disease Models and Mechanisms</i> , <b>2015</b> , 8, 1427-39	4.1	5
30	Evaluation of oxidant-antioxidant balance in patients on maintenance haemodialysis: a comparative study of dialyzers membranes. <i>Nephron Clinical Practice</i> , <b>2010</b> , 114, c67-73		5
29	Effect of different antihypertensive treatments on Ras, MAPK and Akt activation in hypertension and diabetes. <i>Clinical Science</i> , <b>2009</b> , 116, 165-73	6.5	5
28	Cellular basis of diabetic nephropathy: V. Endoglin expression levels and diabetic nephropathy risk in patients with Type 1 diabetes. <i>Journal of Diabetes and Its Complications</i> , <b>2010</b> , 24, 242-9	3.2	5
27	Prostanoid production in post-gastrectomy gastritis. Influence of sucralfate. <i>American Journal of Medicine</i> , <b>1989</b> , 86, 17-20	2.4	5
26	Progressive renovascular hypertension by increasing aortic constriction in rats. <i>European Journal of Clinical Investigation</i> , <b>1984</b> , 14, 262-7	4.6	5
25	Cardiotrophin-1 opposes renal fibrosis in mice: Potential prevention of chronic kidney disease. <i>Acta Physiologica</i> , <b>2019</b> , 226, e13247	5.6	5

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