Carlos S MartÃ-nez-Salgado

List of Publications by Year
in descending order

78 papers	2,454 citations	279798 23 h-index	233421 45 g-index
81 all docs	81 docs citations	81 times ranked	3605 citing authors

#	Article	IF	Citations
1	Neural Network-Based Calculator for Rat Glomerular Filtration Rate. Biomedicines, 2022, 10, 610.	3.2	6
2	Urinary KIM-1 Correlates with the Subclinical Sequelae of Tubular Damage Persisting after the Apparent Functional Recovery from Intrinsic Acute Kidney Injury. Biomedicines, 2022, 10, 1106.	3.2	4
3	The furosemide stress test and computational modeling identify renal damage sites associated with predisposition to acute kidney injury in rats. Translational Research, 2021, 231, 76-91.	5.0	6
4	Sos1 Modulates Extracellular Matrix Synthesis, Proliferation, and Migration in Fibroblasts. Frontiers in Physiology, 2021, 12, 645044.	2.8	6
5	Dissecting the Involvement of Ras GTPases in Kidney Fibrosis. Genes, 2021, 12, 800.	2.4	7
6	Haemodynamic frailty â€“ A risk factor for acute kidney injury in the elderly. Ageing Research Reviews, 2021, 70, 101408.	10.9	12
7	Biomarkers of persistent renal vulnerability after acute kidney injury recovery. Scientific Reports, 2021, 11, 21183.	3.3	5
8	Albuminuria Pre-Emptively Identifies Cardiac Patients at Risk of Contrast-Induced Nephropathy. Journal of Clinical Medicine, 2021, 10, 4942.	2.4	6
9	Systematic review and meta-analysis of the efficacy of clinically tested protectants of cisplatin nephrotoxicity. European Journal of Clinical Pharmacology, 2020, 76, 23-33.	1.9	35
10	Valores de referencia de parÃ¡metros de rigidez arterial y su relaciÃ³n con los factores de riesgo cardiovascular en poblaciÃ³n espaÃ±ola. Estudio EVA. Revista Espanola De Cardiologia, 2020, 73, 43-52.	1.2	20
11	Urinary transferrin pre-emptively identifies the risk of renal damage posed by subclinical tubular alterations. Biomedicine and Pharmacotherapy, 2020, 121, 109684.	5.6	22
12	Urinary TCP1-eta: A Cortical Damage Marker for the Pathophysiological Diagnosis and Prognosis of Acute Kidney Injury. Toxicological Sciences, 2020, 174, 3-15.	3.1	8
13	Combined use of GM2AP and TCP1-eta urinary levels predicts recovery from intrinsic acute kidney injury. Scientific Reports, 2020, 10, 11599.	3.3	11
14	Association of Alk1 and Endoglin Polymorphisms with Cardiovascular Damage. Scientific Reports, 2020, 10, 9383.	3.3	4
15	A meta-analysis of preclinical studies using antioxidants for the prevention of cisplatin nephrotoxicity: implications for clinical application. Critical Reviews in Toxicology, 2020, 50, 780-800.	3.9	11
16	Pathophysiological mechanisms underlying a rat model of triple whammy acute kidney injury. Laboratory Investigation, 2020, 100, 1455-1464.	3.7	6
17	Impaired Tubular Reabsorption Is the Main Mechanism Explaining Increases in Urinary NGAL Excretion Following Acute Kidney Injury in Rats. Toxicological Sciences, 2020, 175, 75-86.	3.1	14
18	Barley-ÃŸ-glucans reduce systemic inflammation, renal injury and aortic calcification through ADAM17 and neutral-sphingomyelinase2 inhibition. Scientific Reports, 2019, 9, 17810.	3.3	16

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19	Cardiotrophinâ€1 opposes renal fibrosis in mice: Potential prevention of chronic kidney disease. Acta Physiologica, 2019, 226, e13247.	3.8	11
20	N -acetylcysteine transforms necrosis into apoptosis and affords tailored protection from cisplatin cytotoxicity. Toxicology and Applied Pharmacology, 2018, 349, 83-93.	2.8	23
21	FP328SERUM CREATININE NON-LINEARITY PREDICTS PROGRESSION TO END STAGE RENAL DISEASE. Nephrology Dialysis Transplantation, 2018, 33, i141-i141.	0.7	0
22	Risk of hospitalization associated with body mass index and weight changes among prevalent haemodialysis patients. Nefrologia, 2018, 38, 520-527.	0.4	3
23	Influence Of Angiogenic Mediators And Bone Remodelling In PagetÂ´s Disease Of Bone. International Journal of Medical Sciences, 2018, 15, 1210-1216.	2.5	2
24	Risk of hospitalization associated with body mass index and weight changes among prevalent haemodialysis patients. Nefrologia, 2018, 38, 520-527.	0.4	3
25	Acute tubular necrosis: An old term in search for a new meaning within the evolving concept of acute kidney injury. European Journal of Molecular and Clinical Medicine, 2017, 2, 110.	0.1	1
26	Association of VAV2 and VAV3 polymorphisms with cardiovascular risk factors. Scientific Reports, 2017, 7, 41875.	3.3	14
27	Regulation of miR-29b and miR-30c by vitamin D receptor activators contributes to attenuate uraemia-induced cardiac fibrosis. Nephrology Dialysis Transplantation, 2017, 32, 1831-1840.	0.7	40
28	Key role of oxidative stress in animal models of aminoglycoside nephrotoxicity revealed by a systematic analysis of the antioxidant-to-nephroprotective correlation. Toxicology, 2017, 385, 10-17.	4.2	22
29	Serum Superoxide Dismutase Is Associated with Vascular Structure and Function in Hypertensive and Diabetic Patients. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-8.	4.0	35
30	Absence of Kâ€Ras Reduces Proliferation and Migration But Increases Extracellular Matrix Synthesis in Fibroblasts. Journal of Cellular Physiology, 2016, 231, 2224-2235.	4.1	12
31	Association between different risk factors and vascular accelerated ageing (EVA study): study protocol for a cross-sectional, descriptive observational study. BMJ Open, 2016, 6, e011031.	1.9	37
32	Direct inhibition of osteoblastic Wnt pathway byÂfibroblast growth factor 23 contributes toÂboneÂloss in chronic kidney disease. Kidney International, 2016, 90, 77-89.	5.2	120
33	Mechanisms of triple whammy acute kidney injury. , 2016, 167, 132-145.		38
34	Identification of bone morphogenetic protein 9 (BMP9) as a novel profibrotic factor in vitro. Cellular Signalling, 2016, 28, 1252-1261.	3.6	21
35	Plasma Cardiotrophin-1 as a Marker of Hypertension and Diabetes-Induced Target Organ Damage and Cardiovascular Risk. Medicine (United States), 2015, 94, e1218.	1.0	31
36	Increased Klk9 Urinary Excretion Is Associated to Hypertension-Induced Cardiovascular Damage and Renal Alterations. Medicine (United States), 2015, 94, e1617.	1.0	4

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37	TGF-Î²/BMP proteins as therapeutic targets in renal fibrosis. Where have we arrived after 25years of trials and tribulations?. , 2015, 156, 44-58.		72
38	Hypertension and Hyperglycemia Synergize to Cause Incipient Renal Tubular Alterations Resulting in Increased NGAL Urinary Excretion in Rats. PLoS ONE, 2014, 9, e105988.	2.5	8
39	L-Endoglin Overexpression Increases Renal Fibrosis after Unilateral Ureteral Obstruction. PLoS ONE, 2014, 9, e110365.	2.5	23
40	Heterozygous disruption of activin receptorâ€“like kinase 1 is associated with increased renal fibrosis in a mouse model of obstructive nephropathy. Kidney International, 2014, 85, 319-332.	5.2	20
41	Relationship between target organ damage and blood pressure, retinal vessel calibre, oxidative stress and polymorphisms in VAV-2 and VAV-3 genes in patients with hypertension: a caseâ€“control study protocol (LOD-HipertensiÃ³n). BMJ Open, 2014, 4, e005112.	1.9	4
42	ALK1 heterozygosity increases extracellular matrix protein expression, proliferation and migration in fibroblasts. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 1111-1122.	4.1	25
43	The small GTPase N-Ras regulates extracellular matrix synthesis, proliferation and migration in fibroblasts. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 2734-2744.	4.1	16
44	TNF-related weak inducer of apoptosis (TWEAK) promotes kidney fibrosis and Ras-dependent proliferation of cultured renal fibroblast. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 1744-1755.	3.8	88
45	Influence of Body Mass Index on the Association of Weight Changes with Mortality in Hemodialysis Patients. Clinical Journal of the American Society of Nephrology: CJASN, 2013, 8, 1725-1733.	4.5	49
46	Stomatinâ€domain protein interactions with acidâ€sensing ion channels modulate nociceptor mechanosensitivity. Journal of Physiology, 2013, 591, 5555-5574.	2.9	45
47	H-Ras isoform modulates extracellular matrix synthesis, proliferation, and migration in fibroblasts. American Journal of Physiology - Cell Physiology, 2012, 302, C686-C697.	4.6	23
48	Functional specific roles of <scp>H</scp>â€ras and <scp>N</scp>â€ras. A proteomic approach using knockout cell lines. Electrophoresis, 2012, 33, 1385-1396.	2.4	4
49	Osteoprotegerin is associated with cardiovascular risk in hypertension and/or diabetes. European Journal of Clinical Investigation, 2012, 42, 548-556.	3.4	40
50	Peripheral and central arterial pressure and its relationship to vascular target organ damage in carotid artery, retina and arterial stiffness. Development and validation of a tool. The Vaso risk study. BMC Public Health, 2011, 11, 266.	2.9	17
51	Etiopathology of chronic tubular, glomerular and renovascular nephropathies: Clinical implications. Journal of Translational Medicine, 2011, 9, 13.	4.4	126
52	Osteoprotegerin and Diabetes-Associated Pathologies. Current Molecular Medicine, 2011, 11, 401-416.	1.3	22
53	Mechanisms Involved in the Genesis of Diabetic Nephropathy. Current Diabetes Reviews, 2010, 6, 68-87.	1.3	22
54	Common pathophysiological mechanisms of chronic kidney disease: Therapeutic perspectives. , 2010, 128, 61-81.		128

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55	Increased plasma soluble endoglin levels as an indicator of cardiovascular alterations in hypertensive and diabetic patients. BMC Medicine, 2010, 8, 86.	5.5	93
56	Analysis of K-Ras Nuclear Expression in Fibroblasts and Mesangial Cells. PLoS ONE, 2010, 5, e8703.	2.5	17
57	Deletion of H-Ras decreases renal fibrosis and myofibroblast activation following ureteral obstruction in mice. Kidney International, 2010, 77, 509-518.	5.2	56
58	Therapeutic implications of selecting the SCORE (European) versus the D'AGOSTINO (American) risk charts for cardiovascular risk assessment in hypertensive patients. BMC Cardiovascular Disorders, 2009, 9, 17.	1.7	7
59	Pulse pressure and nocturnal fall in blood pressure are predictors of vascular, cardiac and renal target organ damage in hypertensive patients (LOD-RISK study). Blood Pressure Monitoring, 2009, 14, 145-151.	0.8	54
60	Effect of different antihypertensive treatments on Ras, MAPK and Akt activation in hypertension and diabetes. Clinical Science, 2009, 116, 165-173.	4.3	7
61	Involvement of small Ras GTPases and their effectors in chronic renal disease. Cellular and Molecular Life Sciences, 2008, 65, 477-492.	5.4	31
62	Stomatin and Sensory Neuron Mechanotransduction. Journal of Neurophysiology, 2007, 98, 3802-3808.	1.8	44
63	Glomerular nephrotoxicity of aminoglycosides. Toxicology and Applied Pharmacology, 2007, 223, 86-98.	2.8	208
64	Effect of adenosine in extracellular matrix synthesis in human and rat mesangial cells. Molecular and Cellular Biochemistry, 2007, 305, 163-169.	3.1	7
65	Involvement of H- and N-Ras isoforms in transforming growth factor-Î²1-induced proliferation and in collagen and fibronectin synthesis. Experimental Cell Research, 2006, 312, 2093-2106.	2.6	44
66	Gentamicin induces Jun-AP1 expression and JNK activation in renal glomeruli and cultured mesangial cells. Life Sciences, 2005, 77, 2285-2298.	4.3	9
67	Role of T-Type Calcium Current in Identified D-Hair Mechanoreceptor Neurons Studied In Vitro. Journal of Neuroscience, 2004, 24, 8480-8484.	3.6	66
68	Gentamicin treatment induces simultaneous mesangial proliferation and apoptosis in rats. Kidney International, 2004, 65, 2161-2171.	5.2	53
69	The ion channel ASIC1 contributes to visceral but not cutaneous mechanoreceptor function. Gastroenterology, 2004, 127, 1739-1747.	1.3	138
70	A T-type calcium channel required for normal function of a mammalian mechanoreceptor. Nature Neuroscience, 2003, 6, 724-730.	14.8	136
71	Cyclosporin Effect on Rat Aorta Î±1-Adrenoceptors and Their Transduction Mechanisms. Journal of Cardiovascular Pharmacology, 2002, 40, 181-188.	1.9	5
72	Involvement of reactive oxygen species on gentamicin-induced mesangial cell activation. Kidney International, 2002, 62, 1682-1692.	5.2	61

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73	Nitric Oxide Is Involved in Apoptosis Induced by Thapsigargin in Rat Mesangial Cells. Cellular Physiology and Biochemistry, 1999, 9, 285-296.	1.6	12
74	Effect of Cyclosporin A on Rat Smooth-Muscle Cell Proliferation. Journal of Cardiovascular Pharmacology, 1998, 31, 46-49.	1.9	21
75	Perindopril Stimulates Cultured Mesangial Cell Activation via Bradykinin Accumulation. Cellular Physiology and Biochemistry, 1997, 7, 69-80.	1.6	4
76	Adenosine Activates Mesangial Cell Proliferation. Cellular Signalling, 1997, 9, 59-63.	3.6	20
77	Effect of Hypothalamic-Hypophysary Inhibitory Factor on Mesangial Cell Activation. Hypertension, 1995, 26, 905-911.	2.7	8
78	Endothelial Activin Receptor-Like Kinase 1 (ALK1) Regulates Myofibroblast Emergence and Peritubular Capillary Stability in the Early Stages of Kidney Fibrosis. Frontiers in Pharmacology, 0, 13, .	3.5	3