

# Carlos S MartÃ-nez-Salgado

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9403441/publications.pdf>

Version: 2024-02-01

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	Glomerular nephrotoxicity of aminoglycosides. <i>Toxicology and Applied Pharmacology</i> , 2007, 223, 86-98.	2.8	208
2	The ion channel ASIC1 contributes to visceral but not cutaneous mechanoreceptor function. <i>Gastroenterology</i> , 2004, 127, 1739-1747.	1.3	138
3	A T-type calcium channel required for normal function of a mammalian mechanoreceptor. <i>Nature Neuroscience</i> , 2003, 6, 724-730.	14.8	136
4	Common pathophysiological mechanisms of chronic kidney disease: Therapeutic perspectives. , 2010, 128, 61-81.		128
5	Etiopathology of chronic tubular, glomerular and renovascular nephropathies: Clinical implications. <i>Journal of Translational Medicine</i> , 2011, 9, 13.	4.4	126
6	Direct inhibition of osteoblastic Wnt pathway by fibroblast growth factor 23 contributes to bone loss in chronic kidney disease. <i>Kidney International</i> , 2016, 90, 77-89.	5.2	120
7	Increased plasma soluble endoglin levels as an indicator of cardiovascular alterations in hypertensive and diabetic patients. <i>BMC Medicine</i> , 2010, 8, 86.	5.5	93
8	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> , 2013, 1832, 1744-1755.	3.8	88
9	TGF- $\beta$ 2/BMP proteins as therapeutic targets in renal fibrosis. Where have we arrived after 25 years of trials and tribulations?. , 2015, 156, 44-58.		72
10	Role of T-Type Calcium Current in Identified D-Hair Mechanoreceptor Neurons Studied In Vitro. <i>Journal of Neuroscience</i> , 2004, 24, 8480-8484.	3.6	66
11	Involvement of reactive oxygen species on gentamicin-induced mesangial cell activation. <i>Kidney International</i> , 2002, 62, 1682-1692.	5.2	61
12	Deletion of H-Ras decreases renal fibrosis and myofibroblast activation following ureteral obstruction in mice. <i>Kidney International</i> , 2010, 77, 509-518.	5.2	56
13	Pulse pressure and nocturnal fall in blood pressure are predictors of vascular, cardiac and renal target organ damage in hypertensive patients (LOD-RISK study). <i>Blood Pressure Monitoring</i> , 2009, 14, 145-151.	0.8	54
14	Gentamicin treatment induces simultaneous mesangial proliferation and apoptosis in rats. <i>Kidney International</i> , 2004, 65, 2161-2171.	5.2	53
15	Influence of Body Mass Index on the Association of Weight Changes with Mortality in Hemodialysis Patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013, 8, 1725-1733.	4.5	49
16	Stomatin domain protein interactions with acid-sensing ion channels modulate nociceptor mechanosensitivity. <i>Journal of Physiology</i> , 2013, 591, 5555-5574.	2.9	45
17	Involvement of H- and N-Ras isoforms in transforming growth factor- $\beta$ 1-induced proliferation and in collagen and fibronectin synthesis. <i>Experimental Cell Research</i> , 2006, 312, 2093-2106.	2.6	44
18	Stomatin and Sensory Neuron Mechanotransduction. <i>Journal of Neurophysiology</i> , 2007, 98, 3802-3808.	1.8	44

#	ARTICLE	IF	CITATIONS
19	Osteoprotegerin is associated with cardiovascular risk in hypertension and/or diabetes. <i>European Journal of Clinical Investigation</i> , 2012, 42, 548-556.	3.4	40
20	Regulation of miR-29b and miR-30c by vitamin D receptor activators contributes to attenuate uraemia-induced cardiac fibrosis. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, 1831-1840.	0.7	40
21	Mechanisms of triple whammy acute kidney injury. , 2016, 167, 132-145.		38
22	Association between different risk factors and vascular accelerated ageing (EVA study): study protocol for a cross-sectional, descriptive observational study. <i>BMJ Open</i> , 2016, 6, e011031.	1.9	37
23	Serum Superoxide Dismutase Is Associated with Vascular Structure and Function in Hypertensive and Diabetic Patients. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-8.	4.0	35
24	Systematic review and meta-analysis of the efficacy of clinically tested protectants of cisplatin nephrotoxicity. <i>European Journal of Clinical Pharmacology</i> , 2020, 76, 23-33.	1.9	35
25	Involvement of small Ras GTPases and their effectors in chronic renal disease. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 477-492.	5.4	31
26	Plasma Cardiotrophin-1 as a Marker of Hypertension and Diabetes-Induced Target Organ Damage and Cardiovascular Risk. <i>Medicine (United States)</i> , 2015, 94, e1218.	1.0	31
27	ALK1 heterozygosity increases extracellular matrix protein expression, proliferation and migration in fibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1111-1122.	4.1	25
28	H-Ras isoform modulates extracellular matrix synthesis, proliferation, and migration in fibroblasts. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C686-C697.	4.6	23
29	L-Endoglin Overexpression Increases Renal Fibrosis after Unilateral Ureteral Obstruction. <i>PLoS ONE</i> , 2014, 9, e110365.	2.5	23
30	N -acetylcysteine transforms necrosis into apoptosis and affords tailored protection from cisplatin cytotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2018, 349, 83-93.	2.8	23
31	Mechanisms Involved in the Genesis of Diabetic Nephropathy. <i>Current Diabetes Reviews</i> , 2010, 6, 68-87.	1.3	22
32	Osteoprotegerin and Diabetes-Associated Pathologies. <i>Current Molecular Medicine</i> , 2011, 11, 401-416.	1.3	22
33	Key role of oxidative stress in animal models of aminoglycoside nephrotoxicity revealed by a systematic analysis of the antioxidant-to-nephroprotective correlation. <i>Toxicology</i> , 2017, 385, 10-17.	4.2	22
34	Urinary transferrin pre-emptively identifies the risk of renal damage posed by subclinical tubular alterations. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109684.	5.6	22
35	Identification of bone morphogenetic protein 9 (BMP9) as a novel profibrotic factor in vitro. <i>Cellular Signalling</i> , 2016, 28, 1252-1261.	3.6	21
36	Effect of Cyclosporin A on Rat Smooth-Muscle Cell Proliferation. <i>Journal of Cardiovascular Pharmacology</i> , 1998, 31, 46-49.	1.9	21

#	ARTICLE	IF	CITATIONS
37	Adenosine Activates Mesangial Cell Proliferation. <i>Cellular Signalling</i> , 1997, 9, 59-63.	3.6	20
38	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> , 2014, 85, 319-332.	5.2	20
39	Valores de referencia de parámetros de rigidez arterial y su relación con los factores de riesgo cardiovascular en población española. <i>Estudio EVA. Revista Espanola De Cardiologia</i> , 2020, 73, 43-52.	1.2	20
40	Analysis of K-Ras Nuclear Expression in Fibroblasts and Mesangial Cells. <i>PLoS ONE</i> , 2010, 5, e8703.	2.5	17
41	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. <i>The Vaso risk study. BMC Public Health</i> , 2011, 11, 266.	2.9	17
42	The small GTPase N-Ras regulates extracellular matrix synthesis, proliferation and migration in fibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 2734-2744.	4.1	16
43	Barley- $\beta$ -glucans reduce systemic inflammation, renal injury and aortic calcification through ADAM17 and neutral-sphingomyelinase2 inhibition. <i>Scientific Reports</i> , 2019, 9, 17810.	3.3	16
44	Association of VAV2 and VAV3 polymorphisms with cardiovascular risk factors. <i>Scientific Reports</i> , 2017, 7, 41875.	3.3	14
45	Impaired Tubular Reabsorption Is the Main Mechanism Explaining Increases in Urinary NGAL Excretion Following Acute Kidney Injury in Rats. <i>Toxicological Sciences</i> , 2020, 175, 75-86.	3.1	14
46	Nitric Oxide Is Involved in Apoptosis Induced by Thapsigargin in Rat Mesangial Cells. <i>Cellular Physiology and Biochemistry</i> , 1999, 9, 285-296.	1.6	12
47	Absence of K-Ras Reduces Proliferation and Migration But Increases Extracellular Matrix Synthesis in Fibroblasts. <i>Journal of Cellular Physiology</i> , 2016, 231, 2224-2235.	4.1	12
48	Haemodynamic frailty – A risk factor for acute kidney injury in the elderly. <i>Ageing Research Reviews</i> , 2021, 70, 101408.	10.9	12
49	Cardiotrophin-1 opposes renal fibrosis in mice: Potential prevention of chronic kidney disease. <i>Acta Physiologica</i> , 2019, 226, e13247.	3.8	11
50	Combined use of GM2AP and TCP1-eta urinary levels predicts recovery from intrinsic acute kidney injury. <i>Scientific Reports</i> , 2020, 10, 11599.	3.3	11
51	A meta-analysis of preclinical studies using antioxidants for the prevention of cisplatin nephrotoxicity: implications for clinical application. <i>Critical Reviews in Toxicology</i> , 2020, 50, 780-800.	3.9	11
52	Gentamicin induces Jun-AP1 expression and JNK activation in renal glomeruli and cultured mesangial cells. <i>Life Sciences</i> , 2005, 77, 2285-2298.	4.3	9
53	Hypertension and Hyperglycemia Synergize to Cause Incipient Renal Tubular Alterations Resulting in Increased NGAL Urinary Excretion in Rats. <i>PLoS ONE</i> , 2014, 9, e105988.	2.5	8
54	Urinary TCP1-eta: A Cortical Damage Marker for the Pathophysiological Diagnosis and Prognosis of Acute Kidney Injury. <i>Toxicological Sciences</i> , 2020, 174, 3-15.	3.1	8

#	ARTICLE	IF	CITATIONS
55	Effect of Hypothalamic-Hypophysary Inhibitory Factor on Mesangial Cell Activation. <i>Hypertension</i> , 1995, 26, 905-911.	2.7	8
56	Effect of adenosine in extracellular matrix synthesis in human and rat mesangial cells. <i>Molecular and Cellular Biochemistry</i> , 2007, 305, 163-169.	3.1	7
57	Therapeutic implications of selecting the SCORE (European) versus the D'AGOSTINO (American) risk charts for cardiovascular risk assessment in hypertensive patients. <i>BMC Cardiovascular Disorders</i> , 2009, 9, 17.	1.7	7
58	Effect of different antihypertensive treatments on Ras, MAPK and Akt activation in hypertension and diabetes. <i>Clinical Science</i> , 2009, 116, 165-173.	4.3	7
59	Dissecting the Involvement of Ras GTPases in Kidney Fibrosis. <i>Genes</i> , 2021, 12, 800.	2.4	7
60	Pathophysiological mechanisms underlying a rat model of triple whammy acute kidney injury. <i>Laboratory Investigation</i> , 2020, 100, 1455-1464.	3.7	6
61	The furosemide stress test and computational modeling identify renal damage sites associated with predisposition to acute kidney injury in rats. <i>Translational Research</i> , 2021, 231, 76-91.	5.0	6
62	Sos1 Modulates Extracellular Matrix Synthesis, Proliferation, and Migration in Fibroblasts. <i>Frontiers in Physiology</i> , 2021, 12, 645044.	2.8	6
63	Albuminuria Pre-Emptively Identifies Cardiac Patients at Risk of Contrast-Induced Nephropathy. <i>Journal of Clinical Medicine</i> , 2021, 10, 4942.	2.4	6
64	Neural Network-Based Calculator for Rat Glomerular Filtration Rate. <i>Biomedicines</i> , 2022, 10, 610.	3.2	6
65	Cyclosporin Effect on Rat Aorta $\beta$ 1-Adrenoceptors and Their Transduction Mechanisms. <i>Journal of Cardiovascular Pharmacology</i> , 2002, 40, 181-188.	1.9	5
66	Biomarkers of persistent renal vulnerability after acute kidney injury recovery. <i>Scientific Reports</i> , 2021, 11, 21183.	3.3	5
67	Perindopril Stimulates Cultured Mesangial Cell Activation via Bradykinin Accumulation. <i>Cellular Physiology and Biochemistry</i> , 1997, 7, 69-80.	1.6	4
68	Functional specific roles of $\epsilon$ ras and $\delta$ ras. A proteomic approach using knockout cell lines. <i>Electrophoresis</i> , 2012, 33, 1385-1396.	2.4	4
69	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 case-control study protocol (LOD-Hipertensi <sup>3</sup> n). <i>BMJ Open</i> , 2014, 4, e005112.	1.9	4
70	Increased Klk9 Urinary Excretion Is Associated to Hypertension-Induced Cardiovascular Damage and Renal Alterations. <i>Medicine (United States)</i> , 2015, 94, e1617.	1.0	4
71	Association of Alk1 and Endoglin Polymorphisms with Cardiovascular Damage. <i>Scientific Reports</i> , 2020, 10, 9383.	3.3	4
72	Urinary KIM-1 Correlates with the Subclinical Sequelae of Tubular Damage Persisting after the Apparent Functional Recovery from Intrinsic Acute Kidney Injury. <i>Biomedicines</i> , 2022, 10, 1106.	3.2	4

#	ARTICLE	IF	CITATIONS
73	Risk of hospitalization associated with body mass index and weight changes among prevalent haemodialysis patients. <i>Nefrologia</i> , 2018, 38, 520-527.	0.4	3
74	Risk of hospitalization associated with body mass index and weight changes among prevalent haemodialysis patients. <i>Nefrologia</i> , 2018, 38, 520-527.	0.4	3
75	Endothelial Activin Receptor-Like Kinase 1 (ALK1) Regulates Myofibroblast Emergence and Peritubular Capillary Stability in the Early Stages of Kidney Fibrosis. <i>Frontiers in Pharmacology</i> , 0, 13, .	3.5	3
76	Influence Of Angiogenic Mediators And Bone Remodelling In Paget's Disease Of Bone. <i>International Journal of Medical Sciences</i> , 2018, 15, 1210-1216.	2.5	2
77	Acute tubular necrosis: An old term in search for a new meaning within the evolving concept of acute kidney injury. <i>European Journal of Molecular and Clinical Medicine</i> , 2017, 2, 110.	0.1	1
78	FP328SERUM CREATININE NON-LINEARITY PREDICTS PROGRESSION TO END STAGE RENAL DISEASE. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i141-i141.	0.7	0