

# Francisco JosÃ© LÃ³pez-HernÃ¡ndez

## List of Publications by Year in descending order

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75  
papers

3,113  
citations

304368

22  
h-index

174990

52  
g-index

77  
all docs

77  
docs citations

77  
times ranked

4592  
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights into the mechanism of aminoglycoside nephrotoxicity: an integrative point of view. <i>Kidney International</i> , 2011, 79, 33-45.	2.6	497
2	Role of TGF- $\beta$ 2 in chronic kidney disease: an integration of tubular, glomerular and vascular effects. <i>Cell and Tissue Research</i> , 2012, 347, 141-154.	1.5	250
3	Glomerular nephrotoxicity of aminoglycosides. <i>Toxicology and Applied Pharmacology</i> , 2007, 223, 86-98.	1.3	208
4	An Integrative Overview on the Mechanisms Underlying the Renal Tubular Cytotoxicity of Gentamicin. <i>Toxicological Sciences</i> , 2011, 119, 245-256.	1.4	205
5	An integrative view of the pathophysiological events leading to cisplatin nephrotoxicity. <i>Critical Reviews in Toxicology</i> , 2011, 41, 803-821.	1.9	199
6	Subcellular targets of cisplatin cytotoxicity: An integrated view. , 2012, 136, 35-55.		148
7	An integrative view on the role of TGF- $\beta$ 2 in the progressive tubular deletion associated with chronic kidney disease. <i>Kidney International</i> , 2010, 77, 950-955.	2.6	131
8	Quercetin reduces cisplatin nephrotoxicity in rats without compromising its anti-tumour activity. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 3484-3495.	0.4	131
9	Common pathophysiological mechanisms of chronic kidney disease: Therapeutic perspectives. , 2010, 128, 61-81.		128
10	Nephrotoxicity of Uranium: Pathophysiological, Diagnostic and Therapeutic Perspectives. <i>Toxicological Sciences</i> , 2010, 118, 324-347.	1.4	119
11	Pathophysiological role of different tubular epithelial cell death modes in acute kidney injury. <i>CKJ: Clinical Kidney Journal</i> , 2015, 8, 548-559.	1.4	84
12	Inhibition of I $\kappa$ B Kinase by a New Class of Retinoid-Related Anticancer Agents That Induce Apoptosis. <i>Molecular and Cellular Biology</i> , 2003, 23, 1061-1074.	1.1	67
13	Differential effect of quercetin on cisplatin-induced toxicity in kidney and tumor tissues. <i>Food and Chemical Toxicology</i> , 2017, 107, 226-236.	1.8	63
14	Necrotic Concentrations of Cisplatin Activate the Apoptotic Machinery but Inhibit Effector Caspases and Interfere with the Execution of Apoptosis. <i>Toxicological Sciences</i> , 2011, 122, 73-85.	1.4	60
15	Retinoids in combination therapies for the treatment of cancer: mechanisms and perspectives. <i>Drug Resistance Updates</i> , 2002, 5, 162-175.	6.5	41
16	Sub-nephrotoxic doses of gentamicin predispose animals to developing acute kidney injury and to excrete ganglioside M2 activator protein. <i>Kidney International</i> , 2010, 78, 1006-1015.	2.6	38
17	Mechanisms of triple whammy acute kidney injury. , 2016, 167, 132-145.		38
18	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.	0.8	35

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19	Urinary levels of regenerating islet-derived protein III $\hat{I}^2$ and gelsolin differentiate gentamicin from cisplatin-induced acute kidney injury in rats. <i>Kidney International</i> , 2011, 79, 518-528.	2.6	33
20	Z-FA-fmk inhibits effector caspases but not initiator caspases 8 and 10, and demonstrates that novel anticancer retinoid-related molecules induce apoptosis via the intrinsic pathway. <i>Molecular Cancer Therapeutics</i> , 2003, 2, 255-63.	1.9	33
21	Effects of deferasirox on renal function and renal epithelial cell death. <i>Toxicology Letters</i> , 2011, 203, 154-161.	0.4	31
22	Metabolic Surgery to Treat Obesity in Diabetic Kidney Disease, Chronic Kidney Disease, and End-Stage Kidney Disease; What Are the Unanswered Questions?. <i>Frontiers in Endocrinology</i> , 2020, 11, 289.	1.5	28
23	Deferasirox-induced iron depletion promotes BclxL downregulation and death of proximal tubular cells. <i>Scientific Reports</i> , 2017, 7, 41510.	1.6	27
24	Cardiotrophin-1 Administration Prevents the Renal Toxicity of Iodinated Contrast Media in Rats. <i>Toxicological Sciences</i> , 2013, 132, 493-501.	1.4	24
25	Increased urinary excretion of albumin, hemopexin, transferrin and VDBP correlates with chronic sensitization to gentamicin nephrotoxicity in rats. <i>Toxicology</i> , 2013, 304, 83-91.	2.0	23
26	N-acetylcysteine transforms necrosis into apoptosis and affords tailored protection from cisplatin cytotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2018, 349, 83-93.	1.3	23
27	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.	2.0	22
28	Urinary transferrin pre-emptively identifies the risk of renal damage posed by subclinical tubular alterations. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109684.	2.5	22
29	Identification of bone morphogenetic protein 9 (BMP9) as a novel profibrotic factor in vitro. <i>Cellular Signalling</i> , 2016, 28, 1252-1261.	1.7	21
30	Potential utility of PPAR $\hat{I}^{\pm}$ activation in the prevention of ischemic and drug-induced acute renal damage. <i>Kidney International</i> , 2009, 76, 1022-1024.	2.6	20
31	Cardiotrophin-1 therapy prevents gentamicin-induced nephrotoxicity in rats. <i>Pharmacological Research</i> , 2016, 107, 137-146.	3.1	20
32	A Micellar Formulation of Quercetin Prevents Cisplatin Nephrotoxicity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 729.	1.8	20
33	Sub-nephrotoxic cisplatin sensitizes rats to acute renal failure and increases urinary excretion of fumarylacetoacetase. <i>Toxicology Letters</i> , 2015, 234, 99-109.	0.4	18
34	Lamin A is involved in the development of vascular calcification induced by chronic kidney failure and phosphorus load. <i>Bone</i> , 2016, 84, 160-168.	1.4	18
35	A systematic meta-analysis on the efficacy of pre-clinically tested nephroprotectants at preventing aminoglycoside nephrotoxicity. <i>Toxicology</i> , 2017, 377, 14-24.	2.0	17
36	The Retinoid Antagonist MX781 Induces Clusterin Expression in Prostate Cancer Cells via Heat Shock Factor-1 and Activator Protein-1 Transcription Factors. <i>Cancer Research</i> , 2004, 64, 5905-5912.	0.4	16

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37	The extrinsic and intrinsic apoptotic pathways are differentially affected by temperature upstream of mitochondrial damage. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 1339-1347.	2.2	15
38	Quercetin, a Promising Clinical Candidate for The Prevention of Contrast-Induced Nephropathy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4961.	1.8	15
39	Association of VAV2 and VAV3 polymorphisms with cardiovascular risk factors. <i>Scientific Reports</i> , 2017, 7, 41875.	1.6	14
40	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.	1.4	14
41	Haemodynamic frailty â€“ A risk factor for acute kidney injury in the elderly. <i>Ageing Research Reviews</i> , 2021, 70, 101408.	5.0	12
42	Cardiotrophinâ€1 opposes renal fibrosis in mice: Potential prevention of chronic kidney disease. <i>Acta Physiologica</i> , 2019, 226, e13247.	1.8	11
43	Combined use of GM2AP and TCP1-eta urinary levels predicts recovery from intrinsic acute kidney injury. <i>Scientific Reports</i> , 2020, 10, 11599.	1.6	11
44	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.	1.9	11
45	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.	1.1	8
46	Interferon-#947; Reduces the Proliferation of Primed Human Renal Tubular Cells. <i>Nephron Extra</i> , 2014, 4, 1-7.	1.1	8
47	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.	1.4	8
48	Regression Modeling of the Antioxidant-to-Nephroprotective Relation Shows the Pivotal Role of Oxidative Stress in Cisplatin Nephrotoxicity. <i>Antioxidants</i> , 2021, 10, 1355.	2.2	8
49	Antihypertensive Action of Trandolapril and Verapamil in Spontaneously Hypertensive Rats After Unilateral Nephrectomy. <i>Journal of Cardiovascular Pharmacology</i> , 1998, 32, 284-290.	0.8	8
50	The lord of the ring: Mandatory role of the kidney in drug therapy of hypertension. , 2006, 111, 53-80.		7
51	Protective Effect of Quercetin 3-O-Glucuronide against Cisplatin Cytotoxicity in Renal Tubular Cells. <i>Molecules</i> , 2022, 27, 1319.	1.7	7
52	Determining risk factors for triple whammy acute kidney injury. <i>Mathematical Biosciences</i> , 2022, 347, 108809.	0.9	7
53	Reduced concentrations of serum enhance the antiproliferative activity of retinoid-related molecules and accelerate the onset of apoptosis. <i>Biochemical Pharmacology</i> , 2003, 65, 2021-2030.	2.0	6
54	Preventive Effect of Cardiotrophin-1 Administration before DSS-Induced Ulcerative Colitis in Mice. <i>Journal of Clinical Medicine</i> , 2019, 8, 2086.	1.0	6

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55	Pathophysiological mechanisms underlying a rat model of triple whammy acute kidney injury. <i>Laboratory Investigation</i> , 2020, 100, 1455-1464.	1.7	6
56	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.	2.2	6
57	Are Antioxidants Useful in Preventing the Progression of Chronic Kidney Disease?. <i>Antioxidants</i> , 2021, 10, 1669.	2.2	6
58	Albuminuria Pre-Emptively Identifies Cardiac Patients at Risk of Contrast-Induced Nephropathy. <i>Journal of Clinical Medicine</i> , 2021, 10, 4942.	1.0	6
59	Neural Network-Based Calculator for Rat Glomerular Filtration Rate. <i>Biomedicines</i> , 2022, 10, 610.	1.4	6
60	Cardiotrophin-1 attenuates experimental colitis in mice. <i>Clinical Science</i> , 2018, 132, 985-1001.	1.8	5
61	Biomarkers of persistent renal vulnerability after acute kidney injury recovery. <i>Scientific Reports</i> , 2021, 11, 21183.	1.6	5
62	Activation of the ALK-5 Pathway is not per se Sufficient for the Antiproliferative Effect of TGF- $\beta$ 21 on Renal Tubule Epithelial Cells. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 1231-1239.	1.1	4
63	Increased Klk9 Urinary Excretion Is Associated to Hypertension-Induced Cardiovascular Damage and Renal Alterations. <i>Medicine (United States)</i> , 2015, 94, e1617.	0.4	4
64	Cardiotrophin-1 Improves Kidney Preservation, Graft Function, and Survival in Transplanted Rats. <i>Transplantation</i> , 2018, 102, e404-e412.	0.5	4
65	Association of Alk1 and Endoglin Polymorphisms with Cardiovascular Damage. <i>Scientific Reports</i> , 2020, 10, 9383.	1.6	4
66	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.	1.4	4
67	Urinary proteomics in renal pathophysiology: Impact of proteinuria. <i>Proteomics - Clinical Applications</i> , 2015, 9, 636-640.	0.8	3
68	Antihypertensive Effect of Trandolapril and Verapamil in Rats with Induced Hypertension. <i>Journal of Cardiovascular Pharmacology</i> , 1999, 33, 748-755.	0.8	3
69	The furosemide stress test: Perspectives for acute kidney injury diagnosis. <i>Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia</i> , 2021, , .	0.4	3
70	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, .	1.6	3
71	Urinary Plasminogen Activator Inhibitor-1: A Biomarker of Acute Tubular Injury. <i>American Journal of Nephrology</i> , 2021, 52, 714-724.	1.4	2
72	The Urinary Level of Injury Biomarkers Is Not Univocally Reflective of the Extent of Toxic Renal Tubular Injury in Rats. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3494.	1.8	2

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73	Mesenteric cyclooxygenase products after combined antihypertensive treatment in uninephrectomized SHR. Cardiovascular Drugs and Therapy, 2000, 14, 41-48.	1.3	1
74	Beneficial Effects of Trandolapril in Uninephrectomized Spontaneously Hypertensive Rats: Role of Cyclooxygenase Pathway. Basic and Clinical Pharmacology and Toxicology, 2002, 91, 90-96.	0.0	1
75	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.	0.5	1