Sandra Rayego-Mateos

List of Publications by Year
in descending order

46 papers	2,009 citations	257101 24 h-index	253896 43 g-index
46 all docs	46 docs citations	46 times ranked	2743 citing authors

#	Article	IF	Citations
1	Targeting the progression of chronic kidney disease. Nature Reviews Nephrology, 2020, 16, 269-288.	4.1	428
2	Pathogenic Pathways and Therapeutic Approaches Targeting Inflammation in Diabetic Nephropathy. International Journal of Molecular Sciences, 2020, 21, 3798.	1.8	142
3	CTGF Promotes Inflammatory Cell Infiltration of the Renal Interstitium by Activating NF-Î²B. Journal of the American Society of Nephrology: JASN, 2009, 20, 1513-1526.	3.0	110
4	Statins: Could an old friend help in the fight against COVIDâ€19?. British Journal of Pharmacology, 2020, 177, 4873-4886.	2.7	101
5	Role of Epidermal Growth Factor Receptor (EGFR) and Its Ligands in Kidney Inflammation and Damage. Mediators of Inflammation, 2018, 2018, 1-22.	1.4	93
6	IL-17A is a novel player in dialysis-induced peritoneal damage. Kidney International, 2014, 86, 303-315.	2.6	74
7	Bromodomain and Extraterminal Proteins as Novel Epigenetic Targets for Renal Diseases. Frontiers in Pharmacology, 2019, 10, 1315.	1.6	66
8	Statins Inhibit Angiotensin II/Smad Pathway and Related Vascular Fibrosis, by a TGF-Î²-Independent Process. PLoS ONE, 2010, 5, e14145.	1.1	58
9	Inhibition of Bromodomain and Extraterminal Domain Family Proteins Ameliorates Experimental Renal Damage. Journal of the American Society of Nephrology: JASN, 2017, 28, 504-519.	3.0	56
10	Connective tissue growth factor is a new ligand of epidermal growth factor receptor. Journal of Molecular Cell Biology, 2013, 5, 323-335.	1.5	54
11	Connective tissue growth factor induces renal fibrosis via epidermal growth factor receptor activation. Journal of Pathology, 2018, 244, 227-241.	2.1	51
12	Epigenetic Modification Mechanisms Involved in Inflammation and Fibrosis in Renal Pathology. Mediators of Inflammation, 2018, 2018, 1-14.	1.4	49
13	<scp>TWEAK</scp> transactivation of the epidermal growth factor receptor mediates renal inflammation. Journal of Pathology, 2013, 231, 480-494.	2.1	48
14	The C-terminal module IV of connective tissue growth factor is a novel immune modulator of the Th17 response. Laboratory Investigation, 2013, 93, 812-824.	1.7	42
15	Renin-angiotensin system and inflammation update. Molecular and Cellular Endocrinology, 2021, 529, 111254.	1.6	42
16	Parathyroid Hormoneâ€“Related Protein Promotes Epithelialâ€“Mesenchymal Transition. Journal of the American Society of Nephrology: JASN, 2010, 21, 237-248.	3.0	40
17	Role of Macrophages and Related Cytokines in Kidney Disease. Frontiers in Medicine, 2021, 8, 688060.	1.2	40
18	Gremlin Is a Downstream Profibrotic Mediator of Transforming Growth Factor-Beta in Cultured Renal Cells. Nephron Experimental Nephrology, 2013, 122, 62-74.	2.4	39

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19	Integrin-linked kinase plays a key role in the regulation of angiotensin II-induced renal inflammation. Clinical Science, 2014, 127, 19-31.	1.8	39
20	Angiotensin II Contributes to Renal Fibrosis Independently of Notch Pathway Activation. PLoS ONE, 2012, 7, e40490.	1.1	37
21	TNF-related weak inducer of apoptosis (TWEAK) regulates junctional proteins in tubular epithelial cells via canonical NF-Î²B pathway and ERK activation. Journal of Cellular Physiology, 2015, 230, 1580-1593.	2.0	36
22	Could IL-17A Be a Novel Therapeutic Target in Diabetic Nephropathy?. Journal of Clinical Medicine, 2020, 9, 272.	1.0	32
23	Interplay between extracellular matrix components and cellular and molecular mechanisms in kidney fibrosis. Clinical Science, 2021, 135, 1999-2029.	1.8	32
24	Gremlin Regulates Tubular Epithelial to Mesenchymal Transition via VEGFR2: Potential Role in Renal Fibrosis. Frontiers in Pharmacology, 2018, 9, 1195.	1.6	29
25	Molecular Mechanisms of Kidney Injury and Repair. International Journal of Molecular Sciences, 2022, 23, 1542.	1.8	29
26	Gremlin activates the Notch pathway linked to renal inflammation. Clinical Science, 2018, 132, 1097-1115.	1.8	28
27	NFÎºBiz protein downregulation in acute kidney injury: Modulation of inflammation and survival in tubular cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 635-646.	1.8	26
28	Angiotensin II, via angiotensin receptor type 1/nuclear factor-Îº B activation, causes a synergistic effect on interleukin-1-Î²-induced inflammatory responses in cultured mesangial cells. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2015, 16, 23-32.	1.0	23
29	Oxidative Stress and Cellular Senescence Are Involved in the Aging Kidney. Antioxidants, 2022, 11, 301.	2.2	21
30	Acute Kidney Injury is Aggravated in Aged Mice by the Exacerbation of Proinflammatory Processes. Frontiers in Pharmacology, 2021, 12, 662020.	1.6	20
31	Paricalcitol Inhibits Aldosterone-Induced Proinflammatory Factors by Modulating Epidermal Growth Factor Receptor Pathway in Cultured Tubular Epithelial Cells. BioMed Research International, 2015, 2015, 1-13.	0.9	19
32	TGF-Beta Blockade Increases Renal Inflammation Caused by the C-Terminal Module of the CCN2. Mediators of Inflammation, 2015, 2015, 1-10.	1.4	16
33	IL-17A as a Potential Therapeutic Target for Patients on Peritoneal Dialysis. Biomolecules, 2020, 10, 1361.	1.8	12
34	AnÃ¡lisis de la vÃa Notch como una posible diana terapÃ©utica en la patologÃa renal. Nefrologia, 2018, 38, 466-475.	0.2	9
35	CCN2 (Cellular Communication Network Factor 2) Deletion Alters Vascular Integrity and Function Predisposing to Aneurysm Formation. Hypertension, 2022, 79, e42-e55.	1.3	9
36	TRAF3 Modulation: Novel Mechanism for the Anti-inflammatory Effects of the Vitamin D Receptor Agonist Paricalcitol in Renal Disease. Journal of the American Society of Nephrology: JASN, 2020, 31, 2026-2042.	3.0	8

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37	Molecular Regulation of Notch Signaling by Gremlin. Advances in Experimental Medicine and Biology, 2020, 1227, 81-94.	0.8	8
38	Could the Notch signaling pathway be a potential therapeutic option in renal diseases?. Nefrologia, 2018, 38, 466-475.	0.2	7
39	Interleuquina-17A: posible mediador y diana terapÃ©utica en la hipertensiÃ³n. Nefrologia, 2021, 41, 244-257.	0.2	5
40	Interleukin-17A: Potential mediator and therapeutic target in hypertension. Nefrologia, 2021, 41, 244-257.	0.2	5
41	Deletion of deltaâ€like 1 homologue accelerates renal inflammation by modulating the Th17 immune response. FASEB Journal, 2021, 35, e21213.	0.2	5
42	Epigenetic Modulation of Gremlin-1/NOTCH Pathway in Experimental Crescentic Immune-Mediated Glomerulonephritis. Pharmaceuticals, 2022, 15, 121.	1.7	5
43	CCN2 Binds to Tubular Epithelial Cells in the Kidney. Biomolecules, 2022, 12, 252.	1.8	5
44	Inflammatory and Fibrotic Mediators in Renal Diseases. Mediators of Inflammation, 2019, 2019, 1-2.	1.4	4
45	CCN2 Increases TGF-Î² Receptor Type II Expression in Vascular Smooth Muscle Cells: Essential Role of CCN2 in the TGF-Î² Pathway Regulation. International Journal of Molecular Sciences, 2022, 23, 375.	1.8	4
46	The Increase in FGF23 Induced by Calcium Is Partially Dependent on Vitamin D Signaling. Nutrients, 2022, 14, 2576.	1.7	3