Ana B Sanz

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2517058/publications.pdf

Version: 2024-02-01

147 papers	8,510 citations	41344 49 h-index	53230 85 g-index
149 all docs	149 docs citations	149 times ranked	10471 citing authors

#	Article	IF	Citations
1	Two independent pathways of regulated necrosis mediate ischemiaâ€“reperfusion injury. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12024-12029.	7.1	485
2	NF-ÎºB in Renal Inflammation. Journal of the American Society of Nephrology: JASN, 2010, 21, 1254-1262.	6.1	483
3	Ferroptosis, but Not Necroptosis, Is Important in Nephrotoxic Folic Acidâ€“Induced AKI. Journal of the American Society of Nephrology: JASN, 2017, 28, 218-229.	6.1	356
4	The Inflammatory Cytokines TWEAK and TNFÎ± Reduce Renal Klotho Expression through NFÎºB. Journal of the American Society of Nephrology: JASN, 2011, 22, 1315-1325.	6.1	340
5	Tenofovir Nephrotoxicity: 2011 Update. AIDS Research and Treatment, 2011, 2011, 1-11.	0.7	210
6	Mechanisms of Renal Apoptosis in Health and Disease. Journal of the American Society of Nephrology: JASN, 2008, 19, 1634-1642.	6.1	208
7	The Cytokine TWEAK Modulates Renal Tubulointerstitial Inflammation. Journal of the American Society of Nephrology: JASN, 2008, 19, 695-703.	6.1	169
8	Globotriaosylsphingosine actions on human glomerular podocytes: implications for Fabry nephropathy. Nephrology Dialysis Transplantation, 2011, 26, 1797-1802.	0.7	169
9	Early detection of diabetic kidney disease by urinary proteomics and subsequent intervention with spironolactone to delay progression (PRIORITY): a prospective observational study and embedded randomised placebo-controlled trial. Lancet Diabetes and Endocrinology,the, 2020, 8, 301-312.	11.4	166
10	Curcumin reduces renal damage associated with rhabdomyolysis by decreasing ferroptosisâ€mediated cell death. FASEB Journal, 2019, 33, 8961-8975.	0.5	161
11	Unilateral ureteral obstruction: beyond obstruction. International Urology and Nephrology, 2014, 46, 765-776.	1.4	157
12	The CWI Pathway: Regulation of the Transcriptional Adaptive Response to Cell Wall Stress in Yeast. Journal of Fungi (Basel, Switzerland), 2018, 4, 1.	3.5	143
13	Pathogenic Pathways and Therapeutic Approaches Targeting Inflammation in Diabetic Nephropathy. International Journal of Molecular Sciences, 2020, 21, 3798.	4.1	142
14	Cytokine cooperation in renal tubular cell injury: The role of TWEAK. Kidney International, 2006, 70, 1750-1758.	5.2	139
15	2017 update on the relationship between diabetes and colorectal cancer: epidemiology, potential molecular mechanisms and therapeutic implications. Oncotarget, 2017, 8, 18456-18485.	1.8	134
16	Targeting inflammation in diabetic nephropathy: a tale of hope. Expert Opinion on Investigational Drugs, 2018, 27, 917-930.	4.1	133
17	The Role of PGC-1Î± and Mitochondrial Biogenesis in Kidney Diseases. Biomolecules, 2020, 10, 347.	4.0	118
18	TWEAK and RIPK1 mediate a second wave of cell death during AKI. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4182-4187.	7.1	112

#	Article	IF	Citations
19	TWEAK, a multifunctional cytokine in kidney injury. Kidney International, 2011, 80, 708-718.	5.2	105
20	Lyso-Gb3 activates Notch1 in human podocytes. Human Molecular Genetics, 2015, 24, 5720-5732.	2.9	105
21	The inflammatory cytokine TWEAK decreases PGC-1Î± expression and mitochondrial function in acute kidney injury. Kidney International, 2016, 89, 399-410.	5.2	103
22	Tumor Necrosis Factorâ€“Like Weak Inducer of Apoptosis (TWEAK) Enhances Vascular and Renal Damage Induced by Hyperlipidemic Diet in ApoE-Knockout Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 2061-2068.	2.4	101
23	Impact of Altered Intestinal Microbiota on Chronic Kidney Disease Progression. Toxins, 2018, 10, 300.	3.4	101
24	Myocardial fibrosis and apoptosis, but not inflammation, are present in long-term experimental diabetes. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H2109-H2119.	3.2	95
25	The MIF Receptor CD74 in Diabetic Podocyte Injury. Journal of the American Society of Nephrology: JASN, 2009, 20, 353-362.	6.1	94
26	TWEAK and the progression of renal disease: clinical translation. Nephrology Dialysis Transplantation, 2014, 29, i54-i62.	0.7	94
27	Histone lysine-crotonylation in acute kidney injury. DMM Disease Models and Mechanisms, 2016, 9, 633-45.	2.4	94
28	Tweak induces proliferation in renal tubular epithelium: a role in uninephrectomy induced renal hyperplasia. Journal of Cellular and Molecular Medicine, 2009, 13, 3329-3342.	3.6	90
29	â€˜Strengthening the fungal cell wall through chitin-glucan cross-links: effects on morphogenesis and cell integrityâ€™. Cellular Microbiology, 2016, 18, 1239-1250.	2.1	90
30	3,4-Dideoxyglucosone-3-ene Induces Apoptosis in Renal Tubular Epithelial Cells. Diabetes, 2005, 54, 2424-2429.	0.6	88
31	Klotho, phosphate and inflammation/ageing in chronic kidney disease. Nephrology Dialysis Transplantation, 2012, 27, iv6-iv10.	0.7	87
32	TWEAK Activates the Non-Canonical NFÎºB Pathway in Murine Renal Tubular Cells: Modulation of CCL21. PLoS ONE, 2010, 5, e8955.	2.5	87
33	Targeting epigenetic DNA and histone modifications to treat kidney disease. Nephrology Dialysis Transplantation, 2018, 33, 1875-1886.	0.7	83
34	BASP1 Promotes Apoptosis in Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2010, 21, 610-621.	6.1	81
35	Nutrients Turned into Toxins: Microbiota Modulation of Nutrient Properties in Chronic Kidney Disease. Nutrients, 2017, 9, 489.	4.1	80
36	Albumin downregulates Klotho in tubular cells. Nephrology Dialysis Transplantation, 2018, 33, 1712-1722.	0.7	79

#	Article	IF	Citations
37	p-Cresyl sulphate has pro-inflammatory and cytotoxic actions on human proximal tubular epithelial cells. Nephrology Dialysis Transplantation, 2014, 29, 56-64.	0.7	77
38	TNF Superfamily: A Growing Saga of Kidney Injury Modulators. Mediators of Inflammation, 2010, 2010, 1-11.	3.0	74
39	PGCâ€1Î± deficiency causes spontaneous kidney inflammation and increases the severity of nephrotoxic AKI. Journal of Pathology, 2019, 249, 65-78.	4.5	70
40	Targeting inflammation in diabetic kidney disease: early clinical trials. Expert Opinion on Investigational Drugs, 2016, 25, 1045-1058.	4.1	68
41	Translational value of animal models of kidney failure. European Journal of Pharmacology, 2015, 759, 205-220.	3.5	67
42	TWEAK (tumor necrosis factorâ€“like weak inducer of apoptosis) activates CXCL16 expression during renal tubulointerstitial inflammation. Kidney International, 2012, 81, 1098-1107.	5.2	61
43	DNA demethylation and histone H3K9 acetylation determine the active transcription of the NKG2D gene in human CD8⁺T and NK cells. Epigenetics, 2013, 8, 66-78.	2.7	60
44	<scp>MXRA</scp>5 is a <scp>TGF</scp>â€Î²1â€regulated human protein with antiâ€inflammatory and antiâ€fibrotic properties. Journal of Cellular and Molecular Medicine, 2017, 21, 154-164.	3.6	60
45	Inflammatory Cytokines as Uremic Toxins: â€œNi Son Todos Los Que Estan, Ni Estan Todos Los Que Sonâ€. Toxins, 2017, 9, 114.	3.4	58
46	Considering TWEAK as a target for therapy in renal and vascular injury. Cytokine and Growth Factor Reviews, 2009, 20, 251-258.	7.2	57
47	Inhibition of Bromodomain and Extraterminal Domain Family Proteins Ameliorates Experimental Renal Damage. Journal of the American Society of Nephrology: JASN, 2017, 28, 504-519.	6.1	56
48	Functional and genomic analyses of blocked protein Oâ€mannosylation in baker's yeast. Molecular Microbiology, 2011, 79, 1529-1546.	2.5	55
49	HSP27/HSPB1 as an adaptive podocyte antiapoptotic protein activated by high glucose and angiotensin II. Laboratory Investigation, 2012, 92, 32-45.	3.7	55
50	MIF, CD74 and other partners in kidney disease: Tales of a promiscuous couple. Cytokine and Growth Factor Reviews, 2013, 24, 23-40.	7.2	52
51	Downregulation of kidney protective factors by inflammation: role of transcription factors and epigenetic mechanisms. American Journal of Physiology - Renal Physiology, 2016, 311, F1329-F1340.	2.7	52
52	Fn14 in podocytes and proteinuric kidney disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 2232-2243.	3.8	50
53	Horizon 2020 in Diabetic Kidney Disease: The Clinical Trial Pipeline for Add-On Therapies on Top of Renin Angiotensin System Blockade. Journal of Clinical Medicine, 2015, 4, 1325-1347.	2.4	50
54	Phenytoin inhibits necroptosis. Cell Death and Disease, 2018, 9, 359.	6.3	50

#	Article	IF	Citations
55	<scp>TWEAK</scp> transactivation of the epidermal growth factor receptor mediates renal inflammation. Journal of Pathology, 2013, 231, 480-494.	4.5	48
56	Targeting local vascular and systemic consequences of inflammation on vascular and cardiac valve calcification. Expert Opinion on Therapeutic Targets, 2016, 20, 89-105.	3.4	47
57	TWEAK/Fn14 and Non-Canonical NF-kappaB Signaling in Kidney Disease. Frontiers in Immunology, 2013, 4, 447.	4.8	46
58	Ferroptosis and kidney disease. Nefrologia, 2020, 40, 384-394.	0.4	45
59	RICORS2040: the need for collaborative research in chronic kidney disease. CKJ: Clinical Kidney Journal, 2022, 15, 372-387.	2.9	45
60	Bcl3: a regulator of NF-Î¹B inducible by TWEAK in acute kidney injury with anti-inflammatory and antiapoptotic properties in tubular cells. Experimental and Molecular Medicine, 2017, 49, e352-e352.	7.7	42
61	Renin-angiotensin system and inflammation update. Molecular and Cellular Endocrinology, 2021, 529, 111254.	3.2	42
62	Kidney Injury Marker 1 and Neutrophil Gelatinase-Associated Lipocalin in Chronic Kidney Disease. Nephron, 2017, 136, 263-267.	1.8	41
63	Role of Macrophages and Related Cytokines in Kidney Disease. Frontiers in Medicine, 2021, 8, 688060.	2.6	40
64	Role of Bcl-xL in paracetamol-induced tubular epithelial cell death. Kidney International, 2005, 67, 592-601.	5.2	39
65	Mitogen-Activated Protein Kinase 14 Promotes AKI. Journal of the American Society of Nephrology: JASN, 2017, 28, 823-836.	6.1	38
66	Out of the TWEAKlight: Elucidating the Role of Fn14 and TWEAK in Acute Kidney Injury. Seminars in Nephrology, 2016, 36, 189-198.	1.6	37
67	Epigenetic Modifiers as Potential Therapeutic Targets in Diabetic Kidney Disease. International Journal of Molecular Sciences, 2020, 21, 4113.	4.1	37
68	TWEAK favors phosphate-induced calcification of vascular smooth muscle cells through canonical and non-canonical activation of NFÎ¹B. Cell Death and Disease, 2016, 7, e2305-e2305.	6.3	36
69	Molecular pathways driving omeprazole nephrotoxicity. Redox Biology, 2020, 32, 101464.	9.0	36
70	Klotho to Treat Kidney Fibrosis. Journal of the American Society of Nephrology: JASN, 2013, 24, 687-689.	6.1	35
71	Cooperation between SAGA and SWI/SNF complexes is required for efficient transcriptional responses regulated by the yeast MAPK Slt2. Nucleic Acids Research, 2016, 44, gkw324.	14.5	35
72	Targeting of regulated necrosis in kidney disease. Nefrologia, 2018, 38, 125-135.	0.4	35

#	Article	IF	Citations
73	Albumin-induced apoptosis of tubular cells is modulated by BASP1. Cell Death and Disease, 2015, 6, e1644-e1644.	6.3	34
74	Atrasentan for the treatment of diabetic nephropathy. Expert Opinion on Investigational Drugs, 2017, 26, 741-750.	4.1	34
75	Rlm1 mediates a positive autoregulatory transcriptional feedback essential for Slt2 MAPK dependent gene expression. Journal of Cell Science, 2016, 129, 1649-60.	2.0	33
76	Signal Integration and Transcriptional Regulation of the Inflammatory Response Mediated by the GM-/M-CSF Signaling Axis in Human Monocytes. Cell Reports, 2019, 29, 860-872.e5.	6.4	29
77	Molecular Mechanisms of Kidney Injury and Repair. International Journal of Molecular Sciences, 2022, 23, 1542.	4.1	29
78	Progress in the development of animal models of acute kidney injury and its impact on drug discovery. Expert Opinion on Drug Discovery, 2013, 8, 879-895.	5.0	28
79	Non-canonical NFÎºB activation promotes chemokine expression in podocytes. Scientific Reports, 2016, 6, 28857.	3.3	28
80	Lesinurad: what the nephrologist should know. CKJ: Clinical Kidney Journal, 2017, 10, 679-687.	2.9	28
81	NIK as a Druggable Mediator of Tissue Injury. Trends in Molecular Medicine, 2019, 25, 341-360.	6.7	28
82	Deferasirox-induced iron depletion promotes BclxL downregulation and death of proximal tubular cells. Scientific Reports, 2017, 7, 41510.	3.3	27
83	Dietary Care for ADPKD Patients: Current Status and Future Directions. Nutrients, 2019, 11, 1576.	4.1	27
84	Tubular Mitochondrial Dysfunction, Oxidative Stress, and Progression of Chronic Kidney Disease. Antioxidants, 2022, 11, 1356.	5.1	27
85	Designing drugs that combat kidney damage. Expert Opinion on Drug Discovery, 2015, 10, 541-556.	5.0	26
86	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.	3.8	26
87	Loss of NLRP6 expression increases the severity of acute kidney injury. Nephrology Dialysis Transplantation, 2020, 35, 587-598.	0.7	26
88	Modulation of Renal Tubular Cell Survival: Where is the Evidence?. Current Medicinal Chemistry, 2006, 13, 449-454.	2.4	24
89	CD74 in Kidney Disease. Frontiers in Immunology, 2015, 6, 483.	4.8	24
90	Structural and functional analysis of yeast Crh1 and Crh2 transglycosylases. FEBS Journal, 2015, 282, 715-731.	4.7	24

#	Article	IF	Citations
91	Effective Nephroprotection Against Acute Kidney Injury with a Star-Shaped Polyglutamate-Curcuminoid Conjugate. Scientific Reports, 2020, 10, 2056.	3.3	24
92	The Contribution of Histone Crotonylation to Tissue Health and Disease: Focus on Kidney Health. Frontiers in Pharmacology, 2020, 11, 393.	3.5	24
93	Cell death-based approaches in treatment of the urinary tract-associated diseases: a fight for survival in the killing fields. Cell Death and Disease, 2018, 9, 118.	6.3	23
94	Growth differentiation factor-15 preserves Klotho expression in acute kidney injury and kidney fibrosis. Kidney International, 2022, 101, 1200-1215.	5.2	23
95	Clinical proteomics in kidney disease as an exponential technology: heading towards the disruptive phase. CKJ: Clinical Kidney Journal, 2017, 10, 188-191.	2.9	22
96	Advances in understanding the role of angiotensin-regulated proteins in kidney diseases. Expert Review of Proteomics, 2019, 16, 77-92.	3.0	22
97	A Slit in Podocyte Death. Current Medicinal Chemistry, 2008, 15, 1645-1654.	2.4	21
98	3,4-DGE is cytotoxic and decreases HSP27/HSPB1 in podocytes. Archives of Toxicology, 2013, 88, 597-608.	4.2	21
99	<scp>PCSK</scp>9 in diabetic kidney disease. European Journal of Clinical Investigation, 2016, 46, 779-786.	3.4	21
100	TWEAK Promotes Peritoneal Inflammation. PLoS ONE, 2014, 9, e90399.	2.5	21
101	Acute Kidney Injury is Aggravated in Aged Mice by the Exacerbation of Proinflammatory Processes. Frontiers in Pharmacology, 2021, 12, 662020.	3.5	20
102	3,4-DGE is Important for Side Effects in Peritoneal Dialysis What About its Role in Diabetes. Current Medicinal Chemistry, 2006, 13, 2695-2702.	2.4	19
103	Chronicity following ischaemia-reperfusion injury depends on tubular-macrophage crosstalk involving two tubular cell-derived CSF-1R activators: CSF-1 and IL-34. Nephrology Dialysis Transplantation, 2016, 31, 1409-1416.	0.7	19
104	Circulating CXCL16 in Diabetic Kidney Disease. Kidney and Blood Pressure Research, 2016, 41, 663-671.	2.0	19
105	Urinary Growth Differentiation Factor-15 (GDF15) levels as a biomarker of adverse outcomes and biopsy findings in chronic kidney disease. Journal of Nephrology, 2021, 34, 1819-1832.	2.0	19
106	Inflammatory Cytokines and Survival Factors from Serum Modulate Tweak-Induced Apoptosis in PC-3 Prostate Cancer Cells. PLoS ONE, 2012, 7, e47440.	2.5	18
107	Parathyroid hormoneâ€“related protein protects renal tubuloepithelial cells from apoptosis by activating transcription factor Runx2. Kidney International, 2013, 83, 825-834.	5.2	18
108	Chronodisruption: A Poorly Recognized Feature of CKD. Toxins, 2020, 12, 151.	3.4	18

#	Article	IF	Citations
109	TWEAK Signaling Pathway Blockade Slows Cyst Growth and Disease Progression in Autosomal Dominant Polycystic Kidney Disease. Journal of the American Society of Nephrology: JASN, 2021, 32, 1913-1932.	6.1	18
110	Bone Marrowâ€"Derived RIPK3 Mediates Kidney Inflammation in Acute Kidney Injury. Journal of the American Society of Nephrology: JASN, 2022, 33, 357-373.	6.1	18
111	MAP3K kinases and kidney injury. Nefrologia, 2019, 39, 568-580.	0.4	17
112	Apoptosis inducing factor (AIF) mediates lethal redox stress induced by menadione. Oncotarget, 2016, 7, 76496-76507.	1.8	16
113	Targeting of regulated necrosis in kidney disease. Nefrologia, 2018, 38, 125-135.	0.4	16
114	Slt2 MAPK association with chromatin is required for transcriptional activation of Rlm1 dependent genes upon cell wall stress. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2018, 1861, 1029-1039.	1.9	16
115	MAGE genes in the kidney: identification of MAGED2 as upregulated during kidney injury and in stressed tubular cells. Nephrology Dialysis Transplantation, 2019, 34, 1498-1507.	0.7	16
116	Translational science in chronic kidney disease. Clinical Science, 2017, 131, 1617-1629.	4.3	15
117	Macrophages and Recently Identified Forms of Cell Death. International Reviews of Immunology, 2014, 33, 9-22.	3.3	14
118	Gender, Albuminuria and Chronic Kidney Disease Progression in Treated Diabetic Kidney Disease. Journal of Clinical Medicine, 2020, 9, 1611.	2.4	14
119	Molecular evidence of field cancerization initiated by diabetes in colon cancer patients. Molecular Oncology, 2019, 13, 857-872.	4.6	13
120	Design and optimization strategies for the development of new drugs that treat chronic kidney disease. Expert Opinion on Drug Discovery, 2020, 15, 101-115.	5.0	13
121	Ferroptosis and kidney disease. Nefrologia, 2020, 40, 384-394.	0.4	13
122	Acute kidney injury transcriptomics unveils a relationship between inflammation and ageing. Nefrologia, 2012, 32, 715-23.	0.4	13
123	Ferrostatinâ€1 modulates dysregulated kidney lipids in acute kidney injury. Journal of Pathology, 2022, 257, 285-299.	4.5	13
124	Nicotinamide and acute kidney injury. CKJ: Clinical Kidney Journal, 2021, 14, 2453-2462.	2.9	12
125	TWEAK increases CD74 expression and sensitizes to DDT proinflammatory actions in tubular cells. PLoS ONE, 2018, 13, e0199391.	2.5	11
126	TWEAKing renal injury. Frontiers in Bioscience - Landmark, 2008, 13, 580.	3.0	11

#	Article	IF	Citations
127	Lethal activity of FADD death domain in renal tubular epithelial cells. Kidney International, 2006, 69, 2205-2211.	5.2	9
128	The meaning of urinary creatinine concentration. Kidney International, 2011, 79, 791.	5.2	9
129	Diabetesâ€mediated promotion of colon mucosa carcinogenesis is associated with mitochondrial dysfunction. Molecular Oncology, 2019, 13, 1887-1897.	4.6	9
130	Urinary Cyclophilin A as Marker of Tubular Cell Death and Kidney Injury. Biomedicines, 2021, 9, 217.	3.2	9
131	Correction of hypocalcemia allows optimal recruitment of FGF-23-dependent phosphaturic mechanisms in acute hyperphosphatemia post-phosphate enema. Journal of Bone and Mineral Metabolism, 2013, 31, 703-707.	2.7	8
132	Tacrolimus Prevents TWEAK-Induced PLA2R Expression in Cultured Human Podocytes. Journal of Clinical Medicine, 2020, 9, 2178.	2.4	8
133	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.	6.1	8
134	Uromodulin, Inflammasomes, and Pyroptosis. Journal of the American Society of Nephrology: JASN, 2012, 23, 1761-1763.	6.1	7
135	<scp>TWEAKâ€“Fn14</scp> as a common pathway in the heart and the kidneys in cardiorenal syndrome. Journal of Pathology, 2021, 254, 5-19.	4.5	7
136	Caspase-12 and Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2010, 21, 886-888.	6.1	5
137	MAP3K kinases and kidney injury. Nefrologia, 2019, 39, 568-580.	0.4	5
138	Colon cancer modulation by a diabetic environment: A single institutional experience. PLoS ONE, 2017, 12, e0172300.	2.5	5
139	Taming Apoptosis in Peritoneal Dialysis. Peritoneal Dialysis International, 2009, 29, 45-48.	2.3	4
140	TWEAK and the Kidney: the Dual Role of a Multifunctional Cytokine. Advances in Experimental Medicine and Biology, 2011, 691, 323-335.	1.6	4
141	nrip1 (Nuclear Receptor-Interacting Protein 1). , 2012, , 1268-1274.		0
142	NR1B1. , 2012, , 1261-1261.		0
143	NCAM1. , 2012, , 1183-1187.		0
144	NF-Îºb Family. , 2016, , 1-10.		0

#	Article	IF	Citations
145	Fn14. , 2016, , 1-11.		0
146	NF-Î²B Family. , 2018, , 3466-3475.		0
147	Fn14. , 2018, , 1790-1800.		0