

Ana B Sanz

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132
papers

5,795
citations

43
h-index

71
g-index

149
ext. papers

7,233
ext. citations

6.6
avg, IF

5.58
L-index

#	Paper	IF	Citations
132	Two independent pathways of regulated necrosis mediate ischemia-reperfusion injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 12024-9	11.5	391
131	NF-kappaB in renal inflammation. <i>Journal of the American Society of Nephrology: JASN</i> , 2010 , 21, 1254-62	12.7	385
130	The inflammatory cytokines TWEAK and TNF α reduce renal klotho expression through NFB. <i>Journal of the American Society of Nephrology: JASN</i> , 2011 , 22, 1315-25	12.7	257
129	Ferroptosis, but Not Necroptosis, Is Important in Nephrotoxic Folic Acid-Induced AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 218-229	12.7	199
128	Tenofovir nephrotoxicity: 2011 update. <i>AIDS Research and Treatment</i> , 2011 , 2011, 354908	2.3	168
127	Mechanisms of renal apoptosis in health and disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2008 , 19, 1634-42	12.7	168
126	The cytokine TWEAK modulates renal tubulointerstitial inflammation. <i>Journal of the American Society of Nephrology: JASN</i> , 2008 , 19, 695-703	12.7	145
125	Globotriaosylsphingosine actions on human glomerular podocytes: implications for Fabry nephropathy. <i>Nephrology Dialysis Transplantation</i> , 2011 , 26, 1797-802	4.3	138
124	Cytokine cooperation in renal tubular cell injury: the role of TWEAK. <i>Kidney International</i> , 2006 , 70, 1750-59	4.9	117
123	Unilateral ureteral obstruction: beyond obstruction. <i>International Urology and Nephrology</i> , 2014 , 46, 765-76	2.6	116
122	2017 update on the relationship between diabetes and colorectal cancer: epidemiology, potential molecular mechanisms and therapeutic implications. <i>Oncotarget</i> , 2017 , 8, 18456-18485	3.3	84
121	Targeting inflammation in diabetic nephropathy: a tale of hope. <i>Expert Opinion on Investigational Drugs</i> , 2018 , 27, 917-930	5.9	84
120	The MIF receptor CD74 in diabetic podocyte injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 353-62	12.7	81
119	Myocardial fibrosis and apoptosis, but not inflammation, are present in long-term experimental diabetes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 297, H2109-19	5.2	79
118	TWEAK and the progression of renal disease: clinical translation. <i>Nephrology Dialysis Transplantation</i> , 2014 , 29 Suppl 1, i54-i62	4.3	78
117	Lyso-Gb3 activates Notch1 in human podocytes. <i>Human Molecular Genetics</i> , 2015 , 24, 5720-32	5.6	77
116	TWEAK activates the non-canonical NFkappaB pathway in murine renal tubular cells: modulation of CCL21. <i>PLoS ONE</i> , 2010 , 5, e8955	3.7	77

115	TWEAK, a multifunctional cytokine in kidney injury. <i>Kidney International</i> , 2011 , 80, 708-18	9.9	76
114	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. <i>Lancet Diabetes and Endocrinology</i> , 2020 , 8, 301-312	18.1	75
113	The inflammatory cytokine TWEAK decreases PGC-1 β expression and mitochondrial function in acute kidney injury. <i>Kidney International</i> , 2016 , 89, 399-410	9.9	74
112	Tumor necrosis factor-like weak inducer of apoptosis (TWEAK) enhances vascular and renal damage induced by hyperlipidemic diet in ApoE-knockout mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 2061-8	9.4	74
111	Tweak induces proliferation in renal tubular epithelium: a role in uninephrectomy induced renal hyperplasia. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 3329-42	5.6	74
110	3,4-Dideoxyglucosone-3-ene induces apoptosis in renal tubular epithelial cells. <i>Diabetes</i> , 2005 , 54, 2424-8	9.9	73
109	Curcumin reduces renal damage associated with rhabdomyolysis by decreasing ferroptosis-mediated cell death. <i>FASEB Journal</i> , 2019 , 33, 8961-8975	0.9	72
108	The CWI Pathway: Regulation of the Transcriptional Adaptive Response to Cell Wall Stress in Yeast. <i>Journal of Fungi (Basel, Switzerland)</i> , 2017 , 4,	5.6	68
107	p-cresyl sulphate has pro-inflammatory and cytotoxic actions on human proximal tubular epithelial cells. <i>Nephrology Dialysis Transplantation</i> , 2014 , 29, 56-64	4.3	65
106	TWEAK and RIPK1 mediate a second wave of cell death during AKI. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 4182-4187	11.5	64
105	Histone lysine crotonylation during acute kidney injury in mice. <i>DMM Disease Models and Mechanisms</i> , 2016 , 9, 633-45	4.1	64
104	BASP1 promotes apoptosis in diabetic nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2010 , 21, 610-21	12.7	63
103	TNF superfamily: a growing saga of kidney injury modulators. <i>Mediators of Inflammation</i> , 2010 ,	4.3	63
102	Klotho, phosphate and inflammation/ageing in chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2012 , 27 Suppl 4, iv6-10	4.3	63
101	Impact of Altered Intestinal Microbiota on Chronic Kidney Disease Progression. <i>Toxins</i> , 2018 , 10,	4.9	62
100	Strengthening the fungal cell wall through chitin-glucan cross-links: effects on morphogenesis and cell integrity. <i>Cellular Microbiology</i> , 2016 , 18, 1239-50	3.9	59
99	Targeting epigenetic DNA and histone modifications to treat kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, 1875-1886	4.3	58
98	TWEAK (tumor necrosis factor-like weak inducer of apoptosis) activates CXCL16 expression during renal tubulointerstitial inflammation. <i>Kidney International</i> , 2012 , 81, 1098-107	9.9	55

97	Translational value of animal models of kidney failure. <i>European Journal of Pharmacology</i> , 2015 , 759, 205-20	5.3	52
96	Targeting inflammation in diabetic kidney disease: early clinical trials. <i>Expert Opinion on Investigational Drugs</i> , 2016 , 25, 1045-58	5.9	52
95	Albumin downregulates Klotho in tubular cells. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, 1712-1722	4.3	50
94	Functional and genomic analyses of blocked protein O-mannosylation in baker's yeast. <i>Molecular Microbiology</i> , 2011 , 79, 1529-46	4.1	50
93	Nutrients Turned into Toxins: Microbiota Modulation of Nutrient Properties in Chronic Kidney Disease. <i>Nutrients</i> , 2017 , 9,	6.7	48
92	HSP27/HSPB1 as an adaptive podocyte antiapoptotic protein activated by high glucose and angiotensin II. <i>Laboratory Investigation</i> , 2012 , 92, 32-45	5.9	47
91	Horizon 2020 in Diabetic Kidney Disease: The Clinical Trial Pipeline for Add-On Therapies on Top of Renin Angiotensin System Blockade. <i>Journal of Clinical Medicine</i> , 2015 , 4, 1325-47	5.1	44
90	Pathogenic Pathways and Therapeutic Approaches Targeting Inflammation in Diabetic Nephropathy. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	43
89	Inflammatory Cytokines as Uremic Toxins: "Ni Son Todos Los Que Estan, Ni Estan Todos Los Que Son". <i>Toxins</i> , 2017 , 9,	4.9	43
88	The Role of PGC-1 α and Mitochondrial Biogenesis in Kidney Diseases. <i>Biomolecules</i> , 2020 , 10,	5.9	42
87	DNA demethylation and histone H3K9 acetylation determine the active transcription of the NKG2D gene in human CD8 ⁺ T and NK cells. <i>Epigenetics</i> , 2013 , 8, 66-78	5.7	42
86	TWEAK transactivation of the epidermal growth factor receptor mediates renal inflammation. <i>Journal of Pathology</i> , 2013 , 231, 480-94	9.4	42
85	Considering TWEAK as a target for therapy in renal and vascular injury. <i>Cytokine and Growth Factor Reviews</i> , 2009 , 20, 251-8	17.9	42
84	PGC-1 α deficiency causes spontaneous kidney inflammation and increases the severity of nephrotoxic AKI. <i>Journal of Pathology</i> , 2019 , 249, 65-78	9.4	41
83	Fn14 in podocytes and proteinuric kidney disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013 , 1832, 2232-43	6.9	41
82	Downregulation of kidney protective factors by inflammation: role of transcription factors and epigenetic mechanisms. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 311, F1329-F1340	4.3	40
81	Inhibition of Bromodomain and Extraterminal Domain Family Proteins Ameliorates Experimental Renal Damage. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 504-519	12.7	39
80	MXRA5 is a TGF- β -regulated human protein with anti-inflammatory and anti-fibrotic properties. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 154-164	5.6	37

79	TWEAK/Fn14 and Non-Canonical NF-kappaB Signaling in Kidney Disease. <i>Frontiers in Immunology</i> , 2013 , 4, 447	8.4	37
78	Targeting local vascular and systemic consequences of inflammation on vascular and cardiac valve calcification. <i>Expert Opinion on Therapeutic Targets</i> , 2016 , 20, 89-105	6.4	33
77	MIF, CD74 and other partners in kidney disease: tales of a promiscuous couple. <i>Cytokine and Growth Factor Reviews</i> , 2013 , 24, 23-40	17.9	32
76	Role of Bcl-xL in paracetamol-induced tubular epithelial cell death. <i>Kidney International</i> , 2005 , 67, 592-601	19	32
75	TWEAK favors phosphate-induced calcification of vascular smooth muscle cells through canonical and non-canonical activation of NFB. <i>Cell Death and Disease</i> , 2016 , 7, e2305	9.8	31
74	Phenytoin inhibits necroptosis. <i>Cell Death and Disease</i> , 2018 , 9, 359	9.8	30
73	Kidney Injury Marker 1 and Neutrophil Gelatinase-Associated Lipocalin in Chronic Kidney Disease. <i>Nephron</i> , 2017 , 136, 263-267	3.3	29
72	Albumin-induced apoptosis of tubular cells is modulated by BASP1. <i>Cell Death and Disease</i> , 2015 , 6, e16448	4.8	28
71	Bcl3: a regulator of NF- κ B inducible by TWEAK in acute kidney injury with anti-inflammatory and antiapoptotic properties in tubular cells. <i>Experimental and Molecular Medicine</i> , 2017 , 49, e352	12.8	28
70	Progress in the development of animal models of acute kidney injury and its impact on drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2013 , 8, 879-95	6.2	26
69	Rlm1 mediates positive autoregulatory transcriptional feedback that is essential for Slt2-dependent gene expression. <i>Journal of Cell Science</i> , 2016 , 129, 1649-60	5.3	25
68	Designing drugs that combat kidney damage. <i>Expert Opinion on Drug Discovery</i> , 2015 , 10, 541-56	6.2	24
67	Targeting of regulated necrosis in kidney disease. <i>Nefrologia</i> , 2018 , 38, 125-135	1.5	23
66	Non-canonical NFB activation promotes chemokine expression in podocytes. <i>Scientific Reports</i> , 2016 , 6, 28857	4.9	23
65	Atrasentan for the treatment of diabetic nephropathy. <i>Expert Opinion on Investigational Drugs</i> , 2017 , 26, 741-750	5.9	22
64	Cooperation between SAGA and SWI/SNF complexes is required for efficient transcriptional responses regulated by the yeast MAPK Slt2. <i>Nucleic Acids Research</i> , 2016 , 44, 7159-72	20.1	22
63	Out of the TWEAKlight: Elucidating the Role of Fn14 and TWEAK in Acute Kidney Injury. <i>Seminars in Nephrology</i> , 2016 , 36, 189-98	4.8	22
62	Mitogen-Activated Protein Kinase 14 Promotes AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 823-836	12.7	22

61	Lesinurad: what the nephrologist should know. <i>CKJ: Clinical Kidney Journal</i> , 2017 , 10, 679-687	4.5	21
60	Structural and functional analysis of yeast Crh1 and Crh2 transglycosylases. <i>FEBS Journal</i> , 2015 , 282, 715-31	5.7	21
59	Modulation of renal tubular cell survival: where is the evidence?. <i>Current Medicinal Chemistry</i> , 2006 , 13, 449-54	4.3	20
58	NFBiz protein downregulation in acute kidney injury: Modulation of inflammation and survival in tubular cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016 , 1862, 635-646	6.9	19
57	Deferasirox-induced iron depletion promotes BclxL downregulation and death of proximal tubular cells. <i>Scientific Reports</i> , 2017 , 7, 41510	4.9	17
56	Epigenetic Modifiers as Potential Therapeutic Targets in Diabetic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	17
55	A slit in podocyte death. <i>Current Medicinal Chemistry</i> , 2008 , 15, 1645-54	4.3	17
54	3,4-DGE is important for side effects in peritoneal dialysis what about its role in diabetes. <i>Current Medicinal Chemistry</i> , 2006 , 13, 2695-702	4.3	17
53	TWEAK promotes peritoneal inflammation. <i>PLoS ONE</i> , 2014 , 9, e90399	3.7	17
52	PCSK9 in diabetic kidney disease. <i>European Journal of Clinical Investigation</i> , 2016 , 46, 779-86	4.6	16
51	Circulating CXCL16 in Diabetic Kidney Disease. <i>Kidney and Blood Pressure Research</i> , 2016 , 41, 663-671	3.1	16
50	Effective Nephroprotection Against Acute Kidney Injury with a Star-Shaped Polyglutamate-Curcuminoid Conjugate. <i>Scientific Reports</i> , 2020 , 10, 2056	4.9	15
49	3,4-DGE is cytotoxic and decreases HSP27/HSPB1 in podocytes. <i>Archives of Toxicology</i> , 2014 , 88, 597-608	5.8	15
48	Inflammatory cytokines and survival factors from serum modulate tweak-induced apoptosis in PC-3 prostate cancer cells. <i>PLoS ONE</i> , 2012 , 7, e47440	3.7	15
47	Parathyroid hormone-related protein protects renal tubuloepithelial cells from apoptosis by activating transcription factor Runx2. <i>Kidney International</i> , 2013 , 83, 825-34	9.9	15
46	Signal Integration and Transcriptional Regulation of the Inflammatory Response Mediated by the GM-/M-CSF Signaling Axis in Human Monocytes. <i>Cell Reports</i> , 2019 , 29, 860-872.e5	10.6	14
45	CD74 in Kidney Disease. <i>Frontiers in Immunology</i> , 2015 , 6, 483	8.4	14
44	NIK as a Druggable Mediator of Tissue Injury. <i>Trends in Molecular Medicine</i> , 2019 , 25, 341-360	11.5	13

43	Ferroptosis and kidney disease. <i>Nefrologia</i> , 2020 , 40, 384-394	1.5	13
42	Translational science in chronic kidney disease. <i>Clinical Science</i> , 2017 , 131, 1617-1629	6.5	13
41	The Contribution of Histone Crotonylation to Tissue Health and Disease: Focus on Kidney Health. <i>Frontiers in Pharmacology</i> , 2020 , 11, 393	5.6	13
40	Molecular pathways driving omeprazole nephrotoxicity. <i>Redox Biology</i> , 2020 , 32, 101464	11.3	12
39	Clinical proteomics in kidney disease as an exponential technology: heading towards the disruptive phase. <i>CKJ: Clinical Kidney Journal</i> , 2017 , 10, 188-191	4.5	12
38	Macrophages and recently identified forms of cell death. <i>International Reviews of Immunology</i> , 2014 , 33, 9-22	4.6	12
37	Advances in understanding the role of angiotensin-regulated proteins in kidney diseases. <i>Expert Review of Proteomics</i> , 2019 , 16, 77-92	4.2	12
36	Loss of NLRP6 expression increases the severity of acute kidney injury. <i>Nephrology Dialysis Transplantation</i> , 2020 , 35, 587-598	4.3	12
35	Targeting of regulated necrosis in kidney disease. <i>Nefrologia</i> , 2018 , 38, 125-135	0.4	11
34	TWEAK increases CD74 expression and sensitizes to DDT proinflammatory actions in tubular cells. <i>PLoS ONE</i> , 2018 , 13, e0199391	3.7	11
33	Dietary Care for ADPKD Patients: Current Status and Future Directions. <i>Nutrients</i> , 2019 , 11,	6.7	11
32	Chronicity following ischaemia-reperfusion injury depends on tubular-macrophage crosstalk involving two tubular cell-derived CSF-1R activators: CSF-1 and IL-34. <i>Nephrology Dialysis Transplantation</i> , 2016 , 31, 1409-16	4.3	11
31	MAGE genes in the kidney: identification of MAGED2 as upregulated during kidney injury and in stressed tubular cells. <i>Nephrology Dialysis Transplantation</i> , 2019 , 34, 1498-1507	4.3	11
30	Slr2 MAPK association with chromatin is required for transcriptional activation of Rlm1 dependent genes upon cell wall stress. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018 , 1861, 1029-1039 ¹¹	6	11
29	MAP3K kinases and kidney injury. <i>Nefrologia</i> , 2019 , 39, 568-580	1.5	10
28	Acute kidney injury transcriptomics unveils a relationship between inflammation and ageing. <i>Nefrologia</i> , 2012 , 32, 715-23	1.5	10
27	Cell death-based approaches in treatment of the urinary tract-associated diseases: a fight for survival in the killing fields. <i>Cell Death and Disease</i> , 2018 , 9, 118	9.8	9
26	TWEAKing renal injury. <i>Frontiers in Bioscience - Landmark</i> , 2008 , 13, 580-9	2.8	9

25	Apoptosis inducing factor (AIF) mediates lethal redox stress induced by menadione. <i>Oncotarget</i> , 2016 , 7, 76496-76507	3.3	9
24	Molecular evidence of field cancerization initiated by diabetes in colon cancer patients. <i>Molecular Oncology</i> , 2019 , 13, 857-872	7.9	8
23	Lethal activity of FADD death domain in renal tubular epithelial cells. <i>Kidney International</i> , 2006 , 69, 2205-21	5.1	8
22	Correction of hypocalcemia allows optimal recruitment of FGF-23-dependent phosphaturic mechanisms in acute hyperphosphatemia post-phosphate enema. <i>Journal of Bone and Mineral Metabolism</i> , 2013 , 31, 703-7	2.9	7
21	Urinary Growth Differentiation Factor-15 (GDF15) levels as a biomarker of adverse outcomes and biopsy findings in chronic kidney disease. <i>Journal of Nephrology</i> , 2021 , 34, 1819-1832	4.8	7
20	Role of Macrophages and Related Cytokines in Kidney Disease. <i>Frontiers in Medicine</i> , 2021 , 8, 688060	4.9	7
19	The meaning of urinary creatinine concentration. <i>Kidney International</i> , 2011 , 79, 791	9.9	6
18	Tacrolimus Prevents TWEAK-Induced PLA2R Expression in Cultured Human Podocytes. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	6
17	Renin-angiotensin system and inflammation update. <i>Molecular and Cellular Endocrinology</i> , 2021 , 529, 111254	4.4	6
16	Diabetes-mediated promotion of colon mucosa carcinogenesis is associated with mitochondrial dysfunction. <i>Molecular Oncology</i> , 2019 , 13, 1887-1897	7.9	5
15	Ferroptosis and kidney disease. <i>Nefrologia</i> , 2020 , 40, 384-394	0.4	5
14	TRAF3 Modulation: Novel Mechanism for the Anti-inflammatory Effects of the Vitamin D Receptor Agonist Paricalcitol in Renal Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2020 , 31, 2026-2042	12.7	5
13	Colon cancer modulation by a diabetic environment: A single institutional experience. <i>PLoS ONE</i> , 2017 , 12, e0172300	3.7	5
12	Chronodisruption: A Poorly Recognized Feature of CKD. <i>Toxins</i> , 2020 , 12,	4.9	4
11	Design and optimization strategies for the development of new drugs that treat chronic kidney disease. <i>Expert Opinion on Drug Discovery</i> , 2020 , 15, 101-115	6.2	4
10	Acute Kidney Injury is Aggravated in Aged Mice by the Exacerbation of Proinflammatory Processes. <i>Frontiers in Pharmacology</i> , 2021 , 12, 662020	5.6	4
9	TWEAK and the kidney: the dual role of a multifunctional cytokine. <i>Advances in Experimental Medicine and Biology</i> , 2011 , 691, 323-35	3.6	4
8	TWEAK Signaling Pathway Blockade Slows Cyst Growth and Disease Progression in Autosomal Dominant Polycystic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 , 32, 1913-1932	12.7	3

7	MAP3K kinases and kidney injury. <i>Nefrologia</i> , 2019 , 39, 568-580	0.4	3
6	Urinary Cyclophilin A as Marker of Tubular Cell Death and Kidney Injury. <i>Biomedicines</i> , 2021 , 9,	4.8	3
5	Gender, Albuminuria and Chronic Kidney Disease Progression in Treated Diabetic Kidney Disease. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
4	Nephrotoxicity 2018 , 169-184		2
3	Taming Apoptosis in Peritoneal Dialysis. <i>Peritoneal Dialysis International</i> , 2009 , 29, 45-48	2.8	2
2	Growth differentiation factor-15 preserves Klotho expression in acute kidney injury and kidney fibrosis.. <i>Kidney International</i> , 2022 ,	9.9	2
1	TWEAK-Fn14 as a common pathway in the heart and the kidneys in cardiorenal syndrome. <i>Journal of Pathology</i> , 2021 , 254, 5-19	9.4	0