Ana B Sanz

List of Publications by Year in Descending Order

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	Growth differentiation factor-15 preserves Klotho expression in acute kidney injury and kidney fibrosis.. *Kidney International*, **2022**,	9.9	2
131	TWEAK-Fn14 as a common pathway in the heart and the kidneys in cardiorenal syndrome. *Journal of Pathology*, **2021**, 254, 5-19	9.4	0
130	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	4.8	7
129	Renin-angiotensin system and inflammation update. *Molecular and Cellular Endocrinology*, **2021**, 529, 111254	4.4	6
128	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	12.7	3
127	Acute Kidney Injury is Aggravated in Aged Mice by the Exacerbation of Proinflammatory Processes. *Frontiers in Pharmacology*, **2021**, 12, 662020	5.6	4
126	Urinary Cyclophilin A as Marker of Tubular Cell Death and Kidney Injury. *Biomedicines*, **2021**, 9,	4.8	3
125	Role of Macrophages and Related Cytokines in Kidney Disease. *Frontiers in Medicine*, **2021**, 8, 688060	4.9	7
124	Ferroptosis and kidney disease. *Nefrologia*, **2020**, 40, 384-394	0.4	5
123	Pathogenic Pathways and Therapeutic Approaches Targeting Inflammation in Diabetic Nephropathy. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	43
122	Gender, Albuminuria and Chronic Kidney Disease Progression in Treated Diabetic Kidney Disease. *Journal of Clinical Medicine*, **2020**, 9,	5.1	2
121	Epigenetic Modifiers as Potential Therapeutic Targets in Diabetic Kidney Disease. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	17
120	Chronodisruption: A Poorly Recognized Feature of CKD. *Toxins*, **2020**, 12,	4.9	4
119	Ferroptosis and kidney disease. *Nefrologia*, **2020**, 40, 384-394	1.5	13
118	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	12.7	5
117	Effective Nephroprotection Against Acute Kidney Injury with a Star-Shaped Polyglutamate-Curcuminoid Conjugate. *Scientific Reports*, **2020**, 10, 2056	4.9	15
116	The Role of PGC-1 and Mitochondrial Biogenesis in Kidney Diseases. *Biomolecules*, **2020**, 10,	5.9	42

115	Molecular pathways driving omeprazole nephrotoxicity. *Redox Biology*, **2020**, 32, 101464	11.3	12
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. *Lancet Diabetes and Endocrinology,the*, **2020**, 8, 301-312	18.1	75
113	Design and optimization strategies for the development of new drugs that treat chronic kidney disease. *Expert Opinion on Drug Discovery*, **2020**, 15, 101-115	6.2	4
112	Tacrolimus Prevents TWEAK-Induced PLA2R Expression in Cultured Human Podocytes. *Journal of Clinical Medicine*, **2020**, 9,	5.1	6
111	Loss of NLRP6 expression increases the severity of acute kidney injury. *Nephrology Dialysis Transplantation*, **2020**, 35, 587-598	4.3	12
110	The Contribution of Histone Crotonylation to Tissue Health and Disease: Focus on Kidney Health. *Frontiers in Pharmacology*, **2020**, 11, 393	5.6	13
109	Diabetes-mediated promotion of colon mucosa carcinogenesis is associated with mitochondrial dysfunction. *Molecular Oncology*, **2019**, 13, 1887-1897	7.9	5
108	MAP3K kinases and kidney injury. *Nefrologia*, **2019**, 39, 568-580	1.5	10
107	Curcumin reduces renal damage associated with rhabdomyolysis by decreasing ferroptosis-mediated cell death. *FASEB Journal*, **2019**, 33, 8961-8975	0.9	72
106	PGC-1 deficiency causes spontaneous kidney inflammation and increases the severity of nephrotoxic AKI. *Journal of Pathology*, **2019**, 249, 65-78	9.4	41
105	NIK as a Druggable Mediator of Tissue Injury. *Trends in Molecular Medicine*, **2019**, 25, 341-360	11.5	13
104	Dietary Care for ADPKD Patients: Current Status and Future Directions. *Nutrients*, **2019**, 11,	6.7	11
103	Molecular evidence of field cancerization initiated by diabetes in colon cancer patients. *Molecular Oncology*, **2019**, 13, 857-872	7.9	8
102	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	10.6	14
101	MAP3K kinases and kidney injury. *Nefrologia*, **2019**, 39, 568-580	0.4	3
100	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	4.3	11
99	Advances in understanding the role of angiotensin-regulated proteins in kidney diseases. *Expert Review of Proteomics*, **2019**, 16, 77-92	4.2	12
98	Phenytoin inhibits necroptosis. *Cell Death and Disease*, **2018**, 9, 359	9.8	30

97	Nephrotoxicity **2018**, 169-184		2
96	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	9.8	9
95	Albumin downregulates Klotho in tubular cells. *Nephrology Dialysis Transplantation*, **2018**, 33, 1712-1722	4.3	50
94	Targeting of regulated necrosis in kidney disease. *Nefrologia*, **2018**, 38, 125-135	0.4	11
93	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	11.5	64
92	Targeting epigenetic DNA and histone modifications to treat kidney disease. *Nephrology Dialysis Transplantation*, **2018**, 33, 1875-1886	4.3	58
91	Targeting of regulated necrosis in kidney disease. *Nefrologia*, **2018**, 38, 125-135	1.5	23
90	Impact of Altered Intestinal Microbiota on Chronic Kidney Disease Progression. *Toxins*, **2018**, 10,	4.9	62
89	TWEAK increases CD74 expression and sensitizes to DDT proinflammatory actions in tubular cells. *PLoS ONE*, **2018**, 13, e0199391	3.7	11
88	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	6	11
87	Targeting inflammation in diabetic nephropathy: a tale of hope. *Expert Opinion on Investigational Drugs*, **2018**, 27, 917-930	5.9	84
86	Ferroptosis, but Not Necroptosis, Is Important in Nephrotoxic Folic Acid-Induced AKI. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 218-229	12.7	199
85	Deferasirox-induced iron depletion promotes BclxL downregulation and death of proximal tubular cells. *Scientific Reports*, **2017**, 7, 41510	4.9	17
84	Atrasentan for the treatment of diabetic nephropathy. *Expert Opinion on Investigational Drugs*, **2017**, 26, 741-750	5.9	22
83	Clinical proteomics in kidney disease as an exponential technology: heading towards the disruptive phase. *CKJ: Clinical Kidney Journal*, **2017**, 10, 188-191	4.5	12
82	The CWI Pathway: Regulation of the Transcriptional Adaptive Response to Cell Wall Stress in Yeast. *Journal of Fungi (Basel, Switzerland)*, **2017**, 4,	5.6	68
81	Bcl3: a regulator of NF-B inducible by TWEAK in acute kidney injury with anti-inflammatory and antiapoptotic properties in tubular cells. *Experimental and Molecular Medicine*, **2017**, 49, e352	12.8	28
80	Translational science in chronic kidney disease. *Clinical Science*, **2017**, 131, 1617-1629	6.5	13

79	Kidney Injury Marker 1 and Neutrophil Gelatinase-Associated Lipocalin in Chronic Kidney Disease. *Nephron*, **2017**, 136, 263-267	3.3	29
78	Inhibition of Bromodomain and Extraterminal Domain Family Proteins Ameliorates Experimental Renal Damage. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 504-519	12.7	39
77	MXRA5 is a TGF-1-regulated human protein with anti-inflammatory and anti-fibrotic properties. *Journal of Cellular and Molecular Medicine*, **2017**, 21, 154-164	5.6	37
76	Mitogen-Activated Protein Kinase 14 Promotes AKI. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 823-836	12.7	22
75	Lesinurad: what the nephrologist should know. *CKJ: Clinical Kidney Journal*, **2017**, 10, 679-687	4.5	21
74	Nutrients Turned into Toxins: Microbiota Modulation of Nutrient Properties in Chronic Kidney Disease. *Nutrients*, **2017**, 9,	6.7	48
73	Inflammatory Cytokines as Uremic Toxins: "Ni Son Todos Los Que Estan, Ni Estan Todos Los Que Son". *Toxins*, **2017**, 9,	4.9	43
72	2017 update on the relationship between diabetes and colorectal cancer: epidemiology, potential molecular mechanisms and therapeutic implications. *Oncotarget*, **2017**, 8, 18456-18485	3.3	84
71	Colon cancer modulation by a diabetic environment: A single institutional experience. *PLoS ONE*, **2017**, 12, e0172300	3.7	5
70	Targeting local vascular and systemic consequences of inflammation on vascular and cardiac valve calcification. *Expert Opinion on Therapeutic Targets*, **2016**, 20, 89-105	6.4	33
69	PCSK9 in diabetic kidney disease. *European Journal of Clinical Investigation*, **2016**, 46, 779-86	4.6	16
68	TWEAK favors phosphate-induced calcification of vascular smooth muscle cells through canonical and non-canonical activation of NFB. *Cell Death and Disease*, **2016**, 7, e2305	9.8	31
67	Non-canonical NFB activation promotes chemokine expression in podocytes. *Scientific Reports*, **2016**, 6, 28857	4.9	23
66	Circulating CXCL16 in Diabetic Kidney Disease. *Kidney and Blood Pressure Research*, **2016**, 41, 663-671	3.1	16
65	Cooperation between SAGA and SWI/SNF complexes is required for efficient transcriptional responses regulated by the yeast MAPK Slt2. *Nucleic Acids Research*, **2016**, 44, 7159-72	20.1	22
64	Out of the TWEAKlight: Elucidating the Role of Fn14 and TWEAK in Acute Kidney Injury. *Seminars in Nephrology*, **2016**, 36, 189-98	4.8	22
63	Targeting inflammation in diabetic kidney disease: early clinical trials. *Expert Opinion on Investigational Drugs*, **2016**, 25, 1045-58	5.9	52
62	NFBiz 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	6.9	19

61	The inflammatory cytokine TWEAK decreases PGC-1α expression and mitochondrial function in acute kidney injury. *Kidney International*, **2016**, 89, 399-410	9.9	74
60	Apoptosis inducing factor (AIF) mediates lethal redox stress induced by menadione. *Oncotarget*, **2016**, 7, 76496-76507	3.3	9
59	Downregulation of kidney protective factors by inflammation: role of transcription factors and epigenetic mechanisms. *American Journal of Physiology - Renal Physiology*, **2016**, 311, F1329-F1340	4.3	40
58	Rlm1 mediates positive autoregulatory transcriptional feedback that is essential for Slt2-dependent gene expression. *Journal of Cell Science*, **2016**, 129, 1649-60	5.3	25
57	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, 1409-16	4.3	11
56	Histone lysine crotonylation during acute kidney injury in mice. *DMM Disease Models and Mechanisms*, **2016**, 9, 633-45	4.1	64
55	Strengthening the fungal cell wall through chitin-glucan cross-links: effects on morphogenesis and cell integrity. *Cellular Microbiology*, **2016**, 18, 1239-50	3.9	59
54	Albumin-induced apoptosis of tubular cells is modulated by BASP1. *Cell Death and Disease*, **2015**, 6, e1648	5.8	28
53	Lyso-Gb3 activates Notch1 in human podocytes. *Human Molecular Genetics*, **2015**, 24, 5720-32	5.6	77
52	Designing drugs that combat kidney damage. *Expert Opinion on Drug Discovery*, **2015**, 10, 541-56	6.2	24
51	Translational value of animal models of kidney failure. *European Journal of Pharmacology*, **2015**, 759, 205-20	5.3	52
50	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, 1325-47	5.1	44
49	CD74 in Kidney Disease. *Frontiers in Immunology*, **2015**, 6, 483	8.4	14
48	Structural and functional analysis of yeast Crh1 and Crh2 transglycosylases. *FEBS Journal*, **2015**, 282, 715-31	5.7	21
47	Unilateral ureteral obstruction: beyond obstruction. *International Urology and Nephrology*, **2014**, 46, 765-76	2.5	116
46	3,4-DGE is cytotoxic and decreases HSP27/HSPB1 in podocytes. *Archives of Toxicology*, **2014**, 88, 597-608	5.8	15
45	TWEAK and the progression of renal disease: clinical translation. *Nephrology Dialysis Transplantation*, **2014**, 29 Suppl 1, i54-i62	4.3	78
44	p-cresyl sulphate has pro-inflammatory and cytotoxic actions on human proximal tubular epithelial cells. *Nephrology Dialysis Transplantation*, **2014**, 29, 56-64	4.3	65

43	Macrophages and recently identified forms of cell death. *International Reviews of Immunology*, **2014**, 33, 9-22	4.6	12
42	TWEAK promotes peritoneal inflammation. *PLoS ONE*, **2014**, 9, e90399	3.7	17
41	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, 703-7	2.9	7
40	Fn14 in podocytes and proteinuric kidney disease. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2013**, 1832, 2232-43	6.9	41
39	MIF, CD74 and other partners in kidney disease: tales of a promiscuous couple. *Cytokine and Growth Factor Reviews*, **2013**, 24, 23-40	17.9	32
38	Progress in the development of animal models of acute kidney injury and its impact on drug discovery. *Expert Opinion on Drug Discovery*, **2013**, 8, 879-95	6.2	26
37	TWEAK/Fn14 and Non-Canonical NF-kappaB Signaling in Kidney Disease. *Frontiers in Immunology*, **2013**, 4, 447	8.4	37
36	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	5.7	42
35	Parathyroid hormone-related protein protects renal tubuloepithelial cells from apoptosis by activating transcription factor Runx2. *Kidney International*, **2013**, 83, 825-34	9.9	15
34	TWEAK transactivation of the epidermal growth factor receptor mediates renal inflammation. *Journal of Pathology*, **2013**, 231, 480-94	9.4	42
33	Two independent pathways of regulated necrosis mediate ischemia-reperfusion injury. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 12024-9	11.5	391
32	TWEAK (tumor necrosis factor-like weak inducer of apoptosis) activates CXCL16 expression during renal tubulointerstitial inflammation. *Kidney International*, **2012**, 81, 1098-107	9.9	55
31	Inflammatory cytokines and survival factors from serum modulate tweak-induced apoptosis in PC-3 prostate cancer cells. *PLoS ONE*, **2012**, 7, e47440	3.7	15
30	HSP27/HSPB1 as an adaptive podocyte antiapoptotic protein activated by high glucose and angiotensin II. *Laboratory Investigation*, **2012**, 92, 32-45	5.9	47
29	Klotho, phosphate and inflammation/ageing in chronic kidney disease. *Nephrology Dialysis Transplantation*, **2012**, 27 Suppl 4, iv6-10	4.3	63
28	Acute kidney injury transcriptomics unveils a relationship between inflammation and ageing. *Nefrologia*, **2012**, 32, 715-23	1.5	10
27	Tenofovir nephrotoxicity: 2011 update. *AIDS Research and Treatment*, **2011**, 2011, 354908	2.3	168
26	Functional and genomic analyses of blocked protein O-mannosylation in baker's yeast. *Molecular Microbiology*, **2011**, 79, 1529-46	4.1	50

25	Globotriaosylsphingosine actions on human glomerular podocytes: implications for Fabry nephropathy. *Nephrology Dialysis Transplantation*, **2011**, 26, 1797-802	4.3	138
24	TWEAK, a multifunctional cytokine in kidney injury. *Kidney International*, **2011**, 80, 708-18	9.9	76
23	The inflammatory cytokines TWEAK and TNF reduce renal klotho expression through NFB. *Journal of the American Society of Nephrology: JASN*, **2011**, 22, 1315-25	12.7	257
22	The meaning of urinary creatinine concentration. *Kidney International*, **2011**, 79, 791	9.9	6
21	TWEAK and the kidney: the dual role of a multifunctional cytokine. *Advances in Experimental Medicine and Biology*, **2011**, 691, 323-35	3.6	4
20	NF-kappaB in renal inflammation. *Journal of the American Society of Nephrology: JASN*, **2010**, 21, 1254-62	12.7	385
19	BASP1 promotes apoptosis in diabetic nephropathy. *Journal of the American Society of Nephrology: JASN*, **2010**, 21, 610-21	12.7	63
18	TNF superfamily: a growing saga of kidney injury modulators. *Mediators of Inflammation*, **2010**, 2010,	4.3	63
17	TWEAK activates the non-canonical NFkappaB pathway in murine renal tubular cells: modulation of CCL21. *PLoS ONE*, **2010**, 5, e8955	3.7	77
16	The MIF receptor CD74 in diabetic podocyte injury. *Journal of the American Society of Nephrology: JASN*, **2009**, 20, 353-62	12.7	81
15	Myocardial fibrosis and apoptosis, but not inflammation, are present in long-term experimental diabetes. *American Journal of Physiology - Heart and Circulatory Physiology*, **2009**, 297, H2109-19	5.2	79
14	Tumor necrosis factor-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, 2061-8	9.4	74
13	Tweak induces proliferation in renal tubular epithelium: a role in uninephrectomy induced renal hyperplasia. *Journal of Cellular and Molecular Medicine*, **2009**, 13, 3329-42	5.6	74
12	Considering TWEAK as a target for therapy in renal and vascular injury. *Cytokine and Growth Factor Reviews*, **2009**, 20, 251-8	17.9	42
11	Taming Apoptosis in Peritoneal Dialysis. *Peritoneal Dialysis International*, **2009**, 29, 45-48	2.8	2
10	Mechanisms of renal apoptosis in health and disease. *Journal of the American Society of Nephrology: JASN*, **2008**, 19, 1634-42	12.7	168
9	The cytokine TWEAK modulates renal tubulointerstitial inflammation. *Journal of the American Society of Nephrology: JASN*, **2008**, 19, 695-703	12.7	145
8	A slit in podocyte death. *Current Medicinal Chemistry*, **2008**, 15, 1645-54	4.3	17

7	TWEAKing renal injury. *Frontiers in Bioscience - Landmark*, **2008**, 13, 580-9	2.8	9
6	Modulation of renal tubular cell survival: where is the evidence?. *Current Medicinal Chemistry*, **2006**, 13, 449-54	4.3	20
5	3,4-DGE is important for side effects in peritoneal dialysis what about its role in diabetes. *Current Medicinal Chemistry*, **2006**, 13, 2695-702	4.3	17
4	Lethal activity of FADD death domain in renal tubular epithelial cells. *Kidney International*, **2006**, 69, 2205-11	5.9	8
3	Cytokine cooperation in renal tubular cell injury: the role of TWEAK. *Kidney International*, **2006**, 70, 1750-8	5.9	117
2	Role of Bcl-xL in paracetamol-induced tubular epithelial cell death. *Kidney International*, **2005**, 67, 592-601	5.9	32
1	3,4-Dideoxyglucosone-3-ene induces apoptosis in renal tubular epithelial cells. *Diabetes*, **2005**, 54, 2424-9	7.9	73