Ana B Sanz

List of Publications by Year
in descending order

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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	RICORS2040: the need for collaborative research in chronic kidney disease. CKJ: Clinical Kidney Journal, 2022, 15, 372-387.	2.9	45
2	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
3	Molecular Mechanisms of Kidney Injury and Repair. International Journal of Molecular Sciences, 2022, 23, 1542.	4.1	29
4	Ferrostatinâ€1 modulates dysregulated kidney lipids in acute kidney injury. Journal of Pathology, 2022, 257, 285-299.	4.5	13
5	Growth differentiation factor-15 preserves Klotho expression in acute kidney injury and kidney fibrosis. Kidney International, 2022, 101, 1200-1215.	5.2	23
6	Tubular Mitochondrial Dysfunction, Oxidative Stress, and Progression of Chronic Kidney Disease. Antioxidants, 2022, 11, 1356.	5.1	27
7	Urinary Cyclophilin A as Marker of Tubular Cell Death and Kidney Injury. Biomedicines, 2021, 9, 217.	3.2	9
8	<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
9	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
10	Renin-angiotensin system and inflammation update. Molecular and Cellular Endocrinology, 2021, 529, 111254.	3.2	42
11	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
12	Acute Kidney Injury is Aggravated in Aged Mice by the Exacerbation of Proinflammatory Processes. Frontiers in Pharmacology, 2021, 12, 662020.	3.5	20
13	Role of Macrophages and Related Cytokines in Kidney Disease. Frontiers in Medicine, 2021, 8, 688060.	2.6	40
14	Nicotinamide and acute kidney injury. CKJ: Clinical Kidney Journal, 2021, 14, 2453-2462.	2.9	12
15	Loss of NLRP6 expression increases the severity of acute kidney injury. Nephrology Dialysis Transplantation, 2020, 35, 587-598.	0.7	26
16	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
17	Tacrolimus Prevents TWEAK-Induced PLA2R Expression in Cultured Human Podocytes. Journal of Clinical Medicine, 2020, 9, 2178.	2.4	8
18	Ferroptosis and kidney disease. Nefrologia, 2020, 40, 384-394.	0.4	13

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19	Pathogenic Pathways and Therapeutic Approaches Targeting Inflammation in Diabetic Nephropathy. International Journal of Molecular Sciences, 2020, 21, 3798.	4.1	142
20	Gender, Albuminuria and Chronic Kidney Disease Progression in Treated Diabetic Kidney Disease. Journal of Clinical Medicine, 2020, 9, 1611.	2.4	14
21	Epigenetic Modifiers as Potential Therapeutic Targets in Diabetic Kidney Disease. International Journal of Molecular Sciences, 2020, 21, 4113.	4.1	37
22	Chronodisruption: A Poorly Recognized Feature of CKD. Toxins, 2020, 12, 151.	3.4	18
23	Ferroptosis and kidney disease. Nefrologia, 2020, 40, 384-394.	0.4	45
24	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
25	Effective Nephroprotection Against Acute Kidney Injury with a Star-Shaped Polyglutamate-Curcuminoid Conjugate. Scientific Reports, 2020, 10, 2056.	3.3	24
26	The Role of PGC-1Î± and Mitochondrial Biogenesis in Kidney Diseases. Biomolecules, 2020, 10, 347.	4.0	118
27	Molecular pathways driving omeprazole nephrotoxicity. Redox Biology, 2020, 32, 101464.	9.0	36
28	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
29	The Contribution of Histone Crotonylation to Tissue Health and Disease: Focus on Kidney Health. Frontiers in Pharmacology, 2020, 11, 393.	3.5	24
30	Dietary Care for ADPKD Patients: Current Status and Future Directions. Nutrients, 2019, 11, 1576.	4.1	27
31	Molecular evidence of field cancerization initiated by diabetes in colon cancer patients. Molecular Oncology, 2019, 13, 857-872.	4.6	13
32	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
33	Diabetesâ€mediated promotion of colon mucosa carcinogenesis is associated with mitochondrial dysfunction. Molecular Oncology, 2019, 13, 1887-1897.	4.6	9
34	MAP3K kinases and kidney injury. Nefrologia, 2019, 39, 568-580.	0.4	17
35	Curcumin reduces renal damage associated with rhabdomyolysis by decreasing ferroptosisâ€mediated cell death. FASEB Journal, 2019, 33, 8961-8975.	0.5	161
36	PGCâ€1Î± deficiency causes spontaneous kidney inflammation and increases the severity of nephrotoxic AKI. Journal of Pathology, 2019, 249, 65-78.	4.5	70

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37	NIK as a Druggable Mediator of Tissue Injury. Trends in Molecular Medicine, 2019, 25, 341-360.	6.7	28
38	MAP3K kinases and kidney injury. Nefrologia, 2019, 39, 568-580.	0.4	5
39	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
40	Advances in understanding the role of angiotensin-regulated proteins in kidney diseases. Expert Review of Proteomics, 2019, 16, 77-92.	3.0	22
41	Phenytoin inhibits necroptosis. Cell Death and Disease, 2018, 9, 359.	6.3	50
42	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
43	Albumin downregulates Klotho in tubular cells. Nephrology Dialysis Transplantation, 2018, 33, 1712-1722.	0.7	79
44	Targeting of regulated necrosis in kidney disease. Nefrologia, 2018, 38, 125-135.	0.4	16
45	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
46	Targeting epigenetic DNA and histone modifications to treat kidney disease. Nephrology Dialysis Transplantation, 2018, 33, 1875-1886.	0.7	83
47	Targeting of regulated necrosis in kidney disease. Nefrologia, 2018, 38, 125-135.	0.4	35
48	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
49	Targeting inflammation in diabetic nephropathy: a tale of hope. Expert Opinion on Investigational Drugs, 2018, 27, 917-930.	4.1	133
50	Impact of Altered Intestinal Microbiota on Chronic Kidney Disease Progression. Toxins, 2018, 10, 300.	3.4	101
51	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
52	TWEAK increases CD74 expression and sensitizes to DDT proinflammatory actions in tubular cells. PLoS ONE, 2018, 13, e0199391.	2.5	11
53	NF-Î²B Family. , 2018, , 3466-3475.		0
54	Fn14. , 2018, , 1790-1800.		0

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55	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
56	Deferasirox-induced iron depletion promotes BclxL downregulation and death of proximal tubular cells. Scientific Reports, 2017, 7, 41510.	3.3	27
57	Atrasentan for the treatment of diabetic nephropathy. Expert Opinion on Investigational Drugs, 2017, 26, 741-750.	4.1	34
58	Bcl3: a regulator of NF-Î²B 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
59	Translational science in chronic kidney disease. Clinical Science, 2017, 131, 1617-1629.	4.3	15
60	Kidney Injury Marker 1 and Neutrophil Gelatinase-Associated Lipocalin in Chronic Kidney Disease. Nephron, 2017, 136, 263-267.	1.8	41
61	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
62	<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
63	Mitogen-Activated Protein Kinase 14 Promotes AKI. Journal of the American Society of Nephrology: JASN, 2017, 28, 823-836.	6.1	38
64	Lesinurad: what the nephrologist should know. CKJ: Clinical Kidney Journal, 2017, 10, 679-687.	2.9	28
65	Nutrients Turned into Toxins: Microbiota Modulation of Nutrient Properties in Chronic Kidney Disease. Nutrients, 2017, 9, 489.	4.1	80
66	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
67	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
68	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
69	Colon cancer modulation by a diabetic environment: A single institutional experience. PLoS ONE, 2017, 12, e0172300.	2.5	5
70	Apoptosis inducing factor (AIF) mediates lethal redox stress induced by menadione. Oncotarget, 2016, 7, 76496-76507.	1.8	16
71	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
72	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

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73	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
74	Histone lysine-crotonylation in acute kidney injury. DMM Disease Models and Mechanisms, 2016, 9, 633-45.	2.4	94
75	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
76	<scp>PCSK</scp>9 in diabetic kidney disease. European Journal of Clinical Investigation, 2016, 46, 779-786.	3.4	21
77	TWEAK favors phosphate-induced calcification of vascular smooth muscle cells through canonical and non-canonical activation of NFÎºB. Cell Death and Disease, 2016, 7, e2305-e2305.	6.3	36
78	Non-canonical NFÎºB activation promotes chemokine expression in podocytes. Scientific Reports, 2016, 6, 28857.	3.3	28
79	Circulating CXCL16 in Diabetic Kidney Disease. Kidney and Blood Pressure Research, 2016, 41, 663-671.	2.0	19
80	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
81	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
82	Targeting inflammation in diabetic kidney disease: early clinical trials. Expert Opinion on Investigational Drugs, 2016, 25, 1045-1058.	4.1	68
83	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
84	The inflammatory cytokine TWEAK decreases PGC-1Î± expression and mitochondrial function in acute kidney injury. Kidney International, 2016, 89, 399-410.	5.2	103
85	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
86	NF-ÎºB Family. , 2016, , 1-10.		0
87	Fn14. , 2016, , 1-11.		0
88	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
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

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91	Albumin-induced apoptosis of tubular cells is modulated by BASP1. Cell Death and Disease, 2015, 6, e1644-e1644.	6.3	34
92	Lyso-Gb3 activates Notch1 in human podocytes. Human Molecular Genetics, 2015, 24, 5720-5732.	2.9	105
93	Designing drugs that combat kidney damage. Expert Opinion on Drug Discovery, 2015, 10, 541-556.	5.0	26
94	Translational value of animal models of kidney failure. European Journal of Pharmacology, 2015, 759, 205-220.	3.5	67
95	TWEAK and the progression of renal disease: clinical translation. Nephrology Dialysis Transplantation, 2014, 29, i54-i62.	0.7	94
96	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
97	Macrophages and Recently Identified Forms of Cell Death. International Reviews of Immunology, 2014, 33, 9-22.	3.3	14
98	Unilateral ureteral obstruction: beyond obstruction. International Urology and Nephrology, 2014, 46, 765-776.	1.4	157
99	TWEAK Promotes Peritoneal Inflammation. PLoS ONE, 2014, 9, e90399.	2.5	21
100	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
101	3,4-DGE is cytotoxic and decreases HSP27/HSPB1 in podocytes. Archives of Toxicology, 2013, 88, 597-608.	4.2	21
102	Fn14 in podocytes and proteinuric kidney disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 2232-2243.	3.8	50
103	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
104	Klotho to Treat Kidney Fibrosis. Journal of the American Society of Nephrology: JASN, 2013, 24, 687-689.	6.1	35
105	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
106	TWEAK/Fn14 and Non-Canonical NF-kappaB Signaling in Kidney Disease. Frontiers in Immunology, 2013, 4, 447.	4.8	46
107	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
108	Parathyroid hormoneâ€“related protein protects renal tubuloepithelial cells from apoptosis by activating transcription factor Runx2. Kidney International, 2013, 83, 825-834.	5.2	18

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109	<scp>TWEAK</scp> transactivation of the epidermal growth factor receptor mediates renal inflammation. Journal of Pathology, 2013, 231, 480-494.	4.5	48
110	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
111	HSP27/HSPB1 as an adaptive podocyte antiapoptotic protein activated by high glucose and angiotensin II. Laboratory Investigation, 2012, 92, 32-45.	3.7	55
112	Klotho, phosphate and inflammation/ageing in chronic kidney disease. Nephrology Dialysis Transplantation, 2012, 27, iv6-iv10.	0.7	87
113	Uromodulin, Inflammasomes, and Pyroptosis. Journal of the American Society of Nephrology: JASN, 2012, 23, 1761-1763.	6.1	7
114	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
115	nrip1 (Nuclear Receptor-Interacting Protein 1). , 2012, , 1268-1274.		0
116	NR1B1. , 2012, , 1261-1261.		0
117	NCAM1. , 2012, , 1183-1187.		0
118	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
119	Acute kidney injury transcriptomics unveils a relationship between inflammation and ageing. Nefrologia, 2012, 32, 715-23.	0.4	13
120	Tenofovir Nephrotoxicity: 2011 Update. AIDS Research and Treatment, 2011, 2011, 1-11.	0.7	210
121	Functional and genomic analyses of blocked protein Oâ€mannosylation in baker's yeast. Molecular Microbiology, 2011, 79, 1529-1546.	2.5	55
122	Globotriaosylsphingosine actions on human glomerular podocytes: implications for Fabry nephropathy. Nephrology Dialysis Transplantation, 2011, 26, 1797-1802.	0.7	169
123	TWEAK, a multifunctional cytokine in kidney injury. Kidney International, 2011, 80, 708-718.	5.2	105
124	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
125	The meaning of urinary creatinine concentration. Kidney International, 2011, 79, 791.	5.2	9
126	TWEAK and the Kidney: the Dual Role of a Multifunctional Cytokine. Advances in Experimental Medicine and Biology, 2011, 691, 323-335.	1.6	4

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127	NF-Î²B in Renal Inflammation. Journal of the American Society of Nephrology: JASN, 2010, 21, 1254-1262.	6.1	483
128	Caspase-12 and Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2010, 21, 886-888.	6.1	5
129	BASP1 Promotes Apoptosis in Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2010, 21, 610-621.	6.1	81
130	TNF Superfamily: A Growing Saga of Kidney Injury Modulators. Mediators of Inflammation, 2010, 2010, 1-11.	3.0	74
131	TWEAK Activates the Non-Canonical NFÎ²B Pathway in Murine Renal Tubular Cells: Modulation of CCL21. PLoS ONE, 2010, 5, e8955.	2.5	87
132	Taming Apoptosis in Peritoneal Dialysis. Peritoneal Dialysis International, 2009, 29, 45-48.	2.3	4
133	The MIF Receptor CD74 in Diabetic Podocyte Injury. Journal of the American Society of Nephrology: JASN, 2009, 20, 353-362.	6.1	94
134	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
135	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
136	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
137	Considering TWEAK as a target for therapy in renal and vascular injury. Cytokine and Growth Factor Reviews, 2009, 20, 251-258.	7.2	57
138	Mechanisms of Renal Apoptosis in Health and Disease. Journal of the American Society of Nephrology: JASN, 2008, 19, 1634-1642.	6.1	208
139	The Cytokine TWEAK Modulates Renal Tubulointerstitial Inflammation. Journal of the American Society of Nephrology: JASN, 2008, 19, 695-703.	6.1	169
140	A Slit in Podocyte Death. Current Medicinal Chemistry, 2008, 15, 1645-1654.	2.4	21
141	TWEAKing renal injury. Frontiers in Bioscience - Landmark, 2008, 13, 580.	3.0	11
142	Lethal activity of FADD death domain in renal tubular epithelial cells. Kidney International, 2006, 69, 2205-2211.	5.2	9
143	Cytokine cooperation in renal tubular cell injury: The role of TWEAK. Kidney International, 2006, 70, 1750-1758.	5.2	139
144	Modulation of Renal Tubular Cell Survival: Where is the Evidence?. Current Medicinal Chemistry, 2006, 13, 449-454.	2.4	24

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145	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
146	Role of Bcl-xL in paracetamol-induced tubular epithelial cell death. Kidney International, 2005, 67, 592-601.	5.2	39
147	3,4-Dideoxyglucosone-3-ene Induces Apoptosis in Renal Tubular Epithelial Cells. Diabetes, 2005, 54, 2424-2429.	0.6	88