Richard J Johnson

List of Publications by Year
in descending order

695 papers	67,540 citations	397 133 h-index	1185 228 g-index
704 all docs	704 docs citations	704 times ranked	38819 citing authors

#	Article	IF	Citations
1	Uric Acid and Cardiovascular Risk. New England Journal of Medicine, 2008, 359, 1811-1821.	13.9	1,938
2	Is There a Pathogenetic Role for Uric Acid in Hypertension and Cardiovascular and Renal Disease?. Hypertension, 2003, 41, 1183-1190.	1.3	1,121
3	A Role for Uric Acid in the Progression of Renal Disease. Journal of the American Society of Nephrology: JASN, 2002, 13, 2888-2897.	3.0	1,109
4	Elevated Uric Acid Increases Blood Pressure in the Rat by a Novel Crystal-Independent Mechanism. Hypertension, 2001, 38, 1101-1106.	1.3	1,092
5	Hyperuricemia induces endothelial dysfunction. Kidney International, 2005, 67, 1739-1742.	2.6	968
6	A causal role for uric acid in fructose-induced metabolic syndrome. American Journal of Physiology - Renal Physiology, 2006, 290, F625-F631.	1.3	889
7	Membranoproliferative Glomerulonephritis Associated with Hepatitis C Virus Infection. New England Journal of Medicine, 1993, 328, 465-470.	13.9	880
8	Evolving importance of kidney disease: from subspecialty to global health burden. Lancet, The, 2013, 382, 158-169.	6.3	874
9	Effect of Allopurinol on Blood Pressure of Adolescents With Newly Diagnosed Essential Hypertension. JAMA - Journal of the American Medical Association, 2008, 300, 924.	3.8	776
10	Uric Acidâ€“Induced C-Reactive Protein Expression: Implication on Cell Proliferation and Nitric Oxide Production of Human Vascular Cells. Journal of the American Society of Nephrology: JASN, 2005, 16, 3553-3562.	3.0	762
11	Potential role of sugar (fructose) in the epidemic of hypertension, obesity and the metabolic syndrome, diabetes, kidney disease, and cardiovascular disease. American Journal of Clinical Nutrition, 2007, 86, 899-906.	2.2	747
12	IL-10, IL-6, and TNF-Î±: Central factors in the altered cytokine network of uremiaâ€"The good, the bad, and the ugly. Kidney International, 2005, 67, 1216-1233.	2.6	738
13	Fructose consumption as a risk factor for non-alcoholic fatty liver disease. Journal of Hepatology, 2008, 48, 993-999.	1.8	718
14	Uric Acid Stimulates Monocyte Chemoattractant Protein-1 Production in Vascular Smooth Muscle Cells Via Mitogen-Activated Protein Kinase and Cyclooxygenase-2. Hypertension, 2003, 41, 1287-1293.	1.3	695
15	Hyperuricemia induces a primary renal arteriolopathy in rats by a blood pressure-independent mechanism. American Journal of Physiology - Renal Physiology, 2002, 282, F991-F997.	1.3	682
16	Adverse effects of the classic antioxidant uric acid in adipocytes: NADPH oxidase-mediated oxidative/nitrosative stress. American Journal of Physiology - Cell Physiology, 2007, 293, C584-C596.	2.1	627
17	Fructose and sugar: A major mediator of non-alcoholic fatty liver disease. Journal of Hepatology, 2018, 68, 1063-1075.	1.8	617
18	Increased fructose consumption is associated with fibrosis severity in patients with nonalcoholic fatty liver disease. Hepatology, 2010, 51, 1961-1971.	3.6	609

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19	Sugar, Uric Acid, and the Etiology of Diabetes and Obesity. Diabetes, 2013, 62, 3307-3315.	0.3	568
20	Uric Acid Induces Hepatic Steatosis by Generation of Mitochondrial Oxidative Stress. Journal of Biological Chemistry, 2012, 287, 40732-40744.	1.6	558
21	Renal injury from angiotensin II-mediated hypertension.. Hypertension, 1992, 19, 464-474.	1.3	508
22	Uric Acid, Hominoid Evolution, and the Pathogenesis of Salt-Sensitivity. Hypertension, 2002, 40, 355-360.	1.3	478
23	Oxidative stress with an activation of the reninâ€"angiotensin system in human vascular endothelial cells as a novel mechanism of uric acid-induced endothelial dysfunction. Journal of Hypertension, 2010, 28, 1234-1242.	0.3	471
24	Uric acid and chronic kidney disease: which is chasing which?. Nephrology Dialysis Transplantation, 2013, 28, 2221-2228.	0.4	466
25	Mild hyperuricemia induces vasoconstriction and maintains glomerular hypertension in normal and remnant kidney rats. Kidney International, 2005, 67, 237-247.	2.6	464
26	Hyperuricemia in Childhood Primary Hypertension. Hypertension, 2003, 42, 247-252.	1.3	448
27	Expression of smooth muscle cell phenotype by rat mesangial cells in immune complex nephritis. Alpha-smooth muscle actin is a marker of mesangial cell proliferation.. Journal of Clinical Investigation, 1991, 87, 847-858.	3.9	436
28	Hypothesis: Could Excessive Fructose Intake and Uric Acid Cause Type 2 Diabetes?. Endocrine Reviews, 2009, 30, 96-116.	8.9	418
29	Subtle Acquired Renal Injury as a Mechanism of Salt-Sensitive Hypertension. New England Journal of Medicine, 2002, 346, 913-923.	13.9	413
30	Mesangial cell apoptosis: the major mechanism for resolution of glomerular hypercellularity in experimental mesangial proliferative nephritis.. Journal of Clinical Investigation, 1994, 94, 2105-2116.	3.9	372
31	Glomerular cell proliferation and PDGF expression precede glomerulosclerosis in the remnant kidney model. Kidney International, 1992, 41, 297-309.	2.6	369
32	Impaired Angiogenesis in the Remnant Kidney Model. Journal of the American Society of Nephrology: JASN, 2001, 12, 1448-1457.	3.0	369
33	Inhibition of mesangial cell proliferation and matrix expansion in glomerulonephritis in the rat by antibody to platelet-derived growth factor.. Journal of Experimental Medicine, 1992, 175, 1413-1416.	4.2	364
34	Hyperuricemia, Acute and Chronic Kidney Disease, Hypertension, and Cardiovascular Disease: Report of a Scientific Workshop Organized by the National Kidney Foundation. American Journal of Kidney Diseases, 2018, 71, 851-865.	2.1	362
35	Hyperuricemia as a Mediator of the Proinflammatory Endocrine Imbalance in the Adipose Tissue in a Murine Model of the Metabolic Syndrome. Diabetes, 2011, 60, 1258-1269.	0.3	347
36	Diabetic Endothelial Nitric Oxide Synthase Knockout Mice Develop Advanced Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2007, 18, 539-550.	3.0	336

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37	Inhibition of Renal Fibrosis by Gene Transfer of Inducible Smad7 Using Ultrasound-Microbubble System in Rat UUO Model. Journal of the American Society of Nephrology: JASN, 2003, 14, 1535-1548.	3.0	334
38	Impaired Angiogenesis in the Remnant Kidney Model. Journal of the American Society of Nephrology: JASN, 2001, 12, 1434-1447.	3.0	308
39	Role of the Microvascular Endothelium in Progressive Renal Disease. Journal of the American Society of Nephrology: JASN, 2002, 13, 806-816.	3.0	301
40	Cellular events in the evolution of experimental diabetic nephropathy. Kidney International, 1995, 47, 935-944.	2.6	296
41	Evidence for a role of osteopontin in macrophage infiltration in response to pathological stimuli in vivo. American Journal of Pathology, 1998, 152, 353-8.	1.9	295
42	Hypothesis: fructose-induced hyperuricemia as a causal mechanism for the epidemic of the metabolic syndrome. Nature Clinical Practice Nephrology, 2005, 1, 80-86.	2.0	293
43	Climate Change and the Emergent Epidemic of CKD from Heat Stress in Rural Communities: The Case for Heat Stress Nephropathy. Clinical Journal of the American Society of Nephrology: CJASN, 2016, 11, 1472-1483.	2.2	284
44	Role of the Immune System in Hypertension. Physiological Reviews, 2017, 97, 1127-1164.	13.1	284
45	Uric acid in metabolic syndrome: From an innocent bystander to a central player. European Journal of Internal Medicine, 2016, 29, 3-8.	1.0	282
46	Risk factors and mortality associated with calciphylaxis in end-stage renal disease. Kidney International, 2001, 60, 324-332.	2.6	280
47	Induction of beta-platelet-derived growth factor receptor in rat hepatic lipocytes during cellular activation in vivo and in culture.. Journal of Clinical Investigation, 1994, 94, 1563-1569.	3.9	272
48	CKD of Unknown Origin in Central America: The Case for a Mesoamerican Nephropathy. American Journal of Kidney Diseases, 2014, 63, 506-520.	2.1	271
49	Excessive fructose intake induces the features of metabolic syndrome in healthy adult men: role of uric acid in the hypertensive response. International Journal of Obesity, 2010, 34, 454-461.	1.6	269
50	Molecular Physiology of Urate Transport. Physiology, 2005, 20, 125-133.	1.6	261
51	Essential Hypertension, Progressive Renal Disease, and Uric Acid: A Pathogenetic Link?: Table 1.. Journal of the American Society of Nephrology: JASN, 2005, 16, 1909-1919.	3.0	259
52	Osteopontin Is a Critical Inhibitor of Calcium Oxalate Crystal Formation and Retention in Renal Tubules. Journal of the American Society of Nephrology: JASN, 2003, 14, 139-147.	3.0	258
53	Obstructive uropathy in the mouse: Role of osteopontin in interstitial fibrosis and apoptosis. Kidney International, 1999, 56, 571-580.	2.6	257
54	Mechanisms involved in the pathogenesis of tubulointerstitial fibrosis in 5/6-nephrectomized rats. Kidney International, 1996, 49, 666-678.	2.6	254

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55	Role of oxidative stress in the renal abnormalities induced by experimental hyperuricemia. American Journal of Physiology - Renal Physiology, 2008, 295, F1134-F1141.	1.3	254
56	Impaired angiogenesis in the aging kidney: Vascular endothelial growth factor and Thrombospondin-1 in renal disease. American Journal of Kidney Diseases, 2001, 37, 601-611.	2.1	252
57	Mild hyperuricemia induces glomerular hypertension in normal rats. American Journal of Physiology - Renal Physiology, 2002, 283, F1105-F1110.	1.3	250
58	Increased synthesis of extracellular matrix in mesangial proliferative nephritis. Kidney International, 1991, 40, 477-488.	2.6	249
59	High-fat and high-sucrose (western) diet induces steatohepatitis that is dependent on fructokinase. Hepatology, 2013, 58, 1632-1643.	3.6	249
60	Uric Acid-Induced Endothelial Dysfunction Is Associated with Mitochondrial Alterations and Decreased Intracellular ATP Concentrations. Nephron Experimental Nephrology, 2013, 121, e71-e78.	2.4	244
61	Fructose-induced leptin resistance exacerbates weight gain in response to subsequent high-fat feeding. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R1370-R1375.	0.9	242
62	Advanced glycation end products activate Smad signaling via TGFâ€Î²â€dependent and â€independent mechanisms: implications for diabetic renal and vascular disease. FASEB Journal, 2004, 18, 176-178.	0.2	241
63	Evolutionary history and metabolic insights of ancient mammalian uricases. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3763-3768.	3.3	238
64	Enhanced expression of â€œmuscle-specificâ€•actin in glomerulonephritis. Kidney International, 1992, 41, 1134-1142.	2.6	234
65	Infusion of platelet-derived growth factor or basic fibroblast growth factor induces selective glomerular mesangial cell proliferation and matrix accumulation in rats.. Journal of Clinical Investigation, 1993, 92, 2952-2962.	3.9	234
66	Ketohexokinase-Dependent Metabolism of Fructose Induces Proinflammatory Mediators in Proximal Tubular Cells. Journal of the American Society of Nephrology: JASN, 2009, 20, 545-553.	3.0	232
67	Reappraisal of the pathogenesis and consequences of hyperuricemia in hypertension, cardiovascular disease, and renal disease. American Journal of Kidney Diseases, 1999, 33, 225-234.	2.1	231
68	Smad7 Inhibits Fibrotic Effect of TGF-Î² on Renal Tubular Epithelial Cells by Blocking Smad2 Activation. Journal of the American Society of Nephrology: JASN, 2002, 13, 1464-1472.	3.0	231
69	Opposing effects of fructokinase C and A isoforms on fructose-induced metabolic syndrome in mice. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4320-4325.	3.3	230
70	Heat stress, dehydration, and kidney function in sugarcane cutters in El Salvador â€" A cross-shift study of workers at risk of Mesoamerican nephropathy. Environmental Research, 2015, 142, 746-755.	3.7	230
71	Endothelial Dysfunction. Hypertension, 2007, 49, 90-95.	1.3	227
72	Role of uric acid in hypertension, renal disease, and metabolic syndrome.. Cleveland Clinic Journal of Medicine, 2006, 73, 1059-1064.	0.6	227

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73	Hyperuricemia Causes Glomerular Hypertrophy in the Rat. American Journal of Nephrology, 2003, 23, 2-7.	1.4	224
74	A Randomized Study of Allopurinol on Endothelial Function and Estimated Glomular Filtration Rate in Asymptomatic Hyperuricemic Subjects with Normal Renal Function. Clinical Journal of the American Society of Nephrology: CJASN, 2011, 6, 1887-1894.	2.2	221
75	Complement membrane attack complex stimulates production of reactive oxygen metabolites by cultured rat mesangial cells.. Journal of Clinical Investigation, 1986, 77, 762-767.	3.9	217
76	Hepatitis B infection and renal disease: Clinical, immunopathogenetic and therapeutic considerations. Kidney International, 1990, 37, 663-676.	2.6	216
77	Uric Acid Causes Vascular Smooth Muscle Cell Proliferation by Entering Cells via a Functional Urate Transporter. American Journal of Nephrology, 2005, 25, 425-433.	1.4	215
78	The glomerular response to injury: Progression or resolution?. Kidney International, 1994, 45, 1769-1782.	2.6	213
79	J-Shaped Mortality Relationship for Uric Acid in CKD. American Journal of Kidney Diseases, 2006, 48, 761-771.	2.1	213
80	New mechanism for glomerular injury. Myeloperoxidase-hydrogen peroxide-halide system.. Journal of Clinical Investigation, 1987, 79, 1379-1387.	3.9	212
81	Hepatitis C virus-associated glomerulonephritis. Effect of Î±-interferon therapy. Kidney International, 1994, 46, 1700-1704.	2.6	211
82	Osteopontin expression in angiotensin II-induced tubulointerstitial nephritis. Kidney International, 1994, 45, 515-524.	2.6	211
83	Uric Acid Stimulates Fructokinase and Accelerates Fructose Metabolism in the Development of Fatty Liver. PLoS ONE, 2012, 7, e47948.	1.1	207
84	Uric acid-induced phenotypic transition of renal tubular cells as a novel mechanism of chronic kidney disease. American Journal of Physiology - Renal Physiology, 2013, 304, F471-F480.	1.3	204
85	Oxidative stress with an activation of the renin-angiotensin system in human vascular endothelial cells as a novel mechanism of uric acid-induced endothelial dysfunction. Journal of Hypertension, 2010, 28, 1234-42.	0.3	204
86	Hypothesis: Uric acid, nephron number, and the pathogenesis of essential hypertension. Kidney International, 2004, 66, 281-287.	2.6	201
87	Inactivation of Nitric Oxide by Uric Acid. Nucleosides, Nucleotides and Nucleic Acids, 2008, 27, 967-978.	0.4	199
88	The activated mesangial cell. Journal of the American Society of Nephrology: JASN, 1992, 2, S190.	3.0	199
89	Fructokinase activity mediates dehydration-induced renal injury. Kidney International, 2014, 86, 294-302.	2.6	198
90	Uric acid induces fat accumulation via generation of endoplasmic reticulum stress and SREBP-1c activation in hepatocytes. Laboratory Investigation, 2014, 94, 1114-1125.	1.7	196

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91	Chronic Kidney Disease of Unknown Cause in Agricultural Communities. New England Journal of Medicine, 2019, 380, 1843-1852.	13.9	196
92	Tubulointerstitial disease in aging. Journal of the American Society of Nephrology: JASN, 1998, 9, 231-242.	3.0	195
93	Serum Uric Acid as a Predictor for Development of Diabetic Nephropathy in Type 1 Diabetes. Diabetes, 2009, 58, 1668-1671.	0.3	194
94	Vascular endothelial growth factor accelerates renal recovery in experimental thrombotic microangiopathy. Kidney International, 2000, 58, 2390-2399.	2.6	193
95	Endogenous fructose production and metabolism in the liver contributes to the development of metabolic syndrome. Nature Communications, 2013, 4, 2434.	5.8	185
96	High salt intake causes leptin resistance and obesity in mice by stimulating endogenous fructose production and metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3138-3143.	3.3	183
97	Uric acid, evolution and primitive cultures. Seminars in Nephrology, 2005, 25, 3-8.	0.6	181
98	Resurrection of Uric Acid as a Causal Risk Factor in Essential Hypertension. Hypertension, 2005, 45, 18-20.	1.3	180
99	Risk of death among chronic dialysis patients infected with hepatitis C virus. American Journal of Kidney Diseases, 1998, 32, 629-634.	2.1	178
100	Increased Fructose Associates with Elevated Blood Pressure. Journal of the American Society of Nephrology: JASN, 2010, 21, 1543-1549.	3.0	171
101	Urinary CD80 Excretion Increases in Idiopathic Minimal-Change Disease. Journal of the American Society of Nephrology: JASN, 2009, 20, 260-266.	3.0	165
102	Role of immunocompetent cells in nonimmune renal diseases. Kidney International, 2001, 59, 1626-1640.	2.6	164
103	Cellular proliferation and macrophage influx precede interstitial fibrosis in cyclosporine nephrotoxicity. Kidney International, 1995, 48, 439-448.	2.6	161
104	Effect of lowering uric acid on renal disease in the type 2 diabetic<i>db/db</i>mice. American Journal of Physiology - Renal Physiology, 2009, 297, F481-F488.	1.3	161
105	Effects of febuxostat on metabolic and renal alterations in rats with fructose-induced metabolic syndrome. American Journal of Physiology - Renal Physiology, 2008, 294, F710-F718.	1.3	160
106	Urinary CD80 is elevated in minimal change disease but not in focal segmental glomerulosclerosis. Kidney International, 2010, 78, 296-302.	2.6	160
107	Contribution of uric acid to cancer risk, recurrence, and mortality. Clinical and Translational Medicine, 2012, 1, 16.	1.7	160
108	Asymptomatic Hyperuricemia Without Comorbidities Predicts Cardiometabolic Diseases. Hypertension, 2017, 69, 1036-1044.	1.3	160

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109	Uric Acid Predicts Clinical Outcomes in Heart Failure. Circulation, 2003, 107, 1951-1953.	1.6	159
110	Endothelial dysfunction as a potential contributor in diabetic nephropathy. Nature Reviews Nephrology, 2011, 7, 36-44.	4.1	159
111	Counteracting Roles of AMP Deaminase and AMP Kinase in the Development of Fatty Liver. PLoS ONE, 2012, 7, e48801.	1.1	159
112	Uric Acid Is a Strong Risk Marker for Developing Hypertension From Prehypertension. Hypertension, 2018, 71, 78-86.	1.3	159
113	Could Uric Acid Have a Role in Acute Renal Failure?. Clinical Journal of the American Society of Nephrology: CJASN, 2007, 2, 16-21.	2.2	158
114	Hyperuricaemia and gout in cardiovascular, metabolic and kidney disease. European Journal of Internal Medicine, 2020, 80, 1-11.	1.0	156
115	Participation of glomerular endothelial cells in the capillary repair of glomerulonephritis. American Journal of Pathology, 1995, 147, 1715-27.	1.9	155
116	Platelets mediate glomerular cell proliferation in immune complex nephritis induced by anti-mesangial cell antibodies in the rat. American Journal of Pathology, 1990, 136, 369-74.	1.9	151
117	Salt-Sensitive Hypertension Develops After Short-Term Exposure to Angiotensin II. Hypertension, 1999, 33, 1013-1019.	1.3	150
118	Higher dietary fructose is associated with impaired hepatic adenosine triphosphate homeostasis in obese individuals with type 2 diabetes. Hepatology, 2012, 56, 952-960.	3.6	150
119	Heat Stress Nephropathy From Exercise-Induced Uric Acid Crystalluria: A Perspective on Mesoamerican Nephropathy. American Journal of Kidney Diseases, 2016, 67, 20-30.	2.1	150
120	Asymptomatic hyperuricaemia: a silent activator of the innate immune system. Nature Reviews Rheumatology, 2020, 16, 75-86.	3.5	150
121	Heparin suppresses mesangial cell proliferation and matrix expansion in experimental mesangioproliferative glomerulonephritis. Kidney International, 1993, 43, 369-380.	2.6	149
122	Accelerated apoptosis characterizes cyclosporine-associated interstitial fibrosis. Kidney International, 1998, 53, 897-908.	2.6	149
123	Serum uric acid levels predict the development of albuminuria over 6 years in patients with type 1 diabetes: Findings from the Coronary Artery Calcification in Type 1 Diabetes study. Nephrology Dialysis Transplantation, 2010, 25, 1865-1869.	0.4	147
124	Sex differences in uric acid and risk factors for coronary artery disease. American Journal of Cardiology, 2001, 87, 1411-1414.	0.7	146
125	Unearthing uric acid: An ancient factor with recently found significance in renal and cardiovascular disease. Kidney International, 2006, 69, 1722-1725.	2.6	146
126	Uric acidâ€dependent inhibition of AMP kinase induces hepatic glucose production in diabetes and starvation: evolutionary implications of the uricase loss in hominids. FASEB Journal, 2014, 28, 3339-3350.	0.2	145

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127	Dietary fructose causes tubulointerstitial injury in the normal rat kidney. American Journal of Physiology - Renal Physiology, 2010, 298, F712-F720.	1.3	144
128	Human renal cortical interstitial cells with some features of smooth muscle cells participate in tubulointerstitial and crescentic glomerular injury.. Journal of the American Society of Nephrology: JASN, 1994, 5, 201-209.	3.0	144
129	Renal manifestations of hepatitis C virus infection. Kidney International, 1994, 46, 1255-1263.	2.6	141
130	Sucrose induces fatty liver and pancreatic inflammation in male breeder rats independent of excess energy intake. Metabolism: Clinical and Experimental, 2011, 60, 1259-1270.	1.5	141
131	TGF-Î² induces proangiogenic and antiangiogenic factorsvia parallel but distinct Smad pathways1. Kidney International, 2004, 66, 605-613.	2.6	140
132	Increased Oxidative Stress Following Acute and Chronic High Altitude Exposure. High Altitude Medicine and Biology, 2004, 5, 61-69.	0.5	140
133	Elevated serum uric acid levels are associated with non-alcoholic fatty liver disease independently of metabolic syndrome features in the United States: Liver ultrasound data from the National Health and Nutrition Examination Survey. Metabolism: Clinical and Experimental, 2013, 62, 392-399.	1.5	140
134	Role of TGF-Î² signaling in extracellular matrix production under high glucose conditions. Kidney International, 2003, 63, 2010-2019.	2.6	138
135	A unifying pathway for essential hypertension. American Journal of Hypertension, 2005, 18, 431-440.	1.0	138
136	Serum Uric Acid and Risk of CKD in Type 2 Diabetes. Clinical Journal of the American Society of Nephrology: CJASN, 2015, 10, 1921-1929.	2.2	136
137	Human Vascular Smooth Muscle Cells Express a Urate Transporter. Journal of the American Society of Nephrology: JASN, 2006, 17, 1791-1795.	3.0	135
138	IL-10 Suppresses Chemokines, Inflammation, and Fibrosis in a Model of Chronic Renal Disease. Journal of the American Society of Nephrology: JASN, 2005, 16, 3651-3660.	3.0	134
139	Fructose Induces the Inflammatory Molecule ICAM-1 in Endothelial Cells. Journal of the American Society of Nephrology: JASN, 2008, 19, 1712-1720.	3.0	134
140	The Effect of Fructose on Renal Biology and Disease. Journal of the American Society of Nephrology: JASN, 2010, 21, 2036-2039.	3.0	133
141	Hypothesis: The role of acquired tubulointerstitial disease in the pathogenesis of salt-dependent hypertension. Kidney International, 1997, 52, 1169-1179.	2.6	130
142	The human neutrophil serine proteinases, elastase and cathepsin G, can mediate glomerular injury in vivo.. Journal of Experimental Medicine, 1988, 168, 1169-1174.	4.2	129
143	Uric Acid and Diet â€" Insights into the Epidemic of Cardiovascular Disease. New England Journal of Medicine, 2004, 350, 1071-1073.	13.9	129
144	Clinical Outcome of Hyperuricemia in IgA Nephropathy: A Retrospective Cohort Study and Randomized Controlled Trial. Kidney and Blood Pressure Research, 2012, 35, 153-160.	0.9	127

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145	Effects of high-fructose corn syrup and sucrose on the pharmacokinetics of fructose and acute metabolic and hemodynamic responses in healthy subjects. Metabolism: Clinical and Experimental, 2012, 61, 641-651.	1.5	127
146	The etiology of glomerulonephritis: roles of infection and autoimmunity. Kidney International, 2014, 86, 905-914.	2.6	127
147	Endogenous Fructose Production and Fructokinase Activation Mediate Renal Injury in Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2014, 25, 2526-2538.	3.0	127
148	Hepatitis C virus infection and membranoproliferative glomerulonephritis in Japan.. Journal of the American Society of Nephrology: JASN, 1995, 6, 220-223.	3.0	127
149	Lowering Uric Acid with Allopurinol Improves Insulin Resistance and Systemic Inflammation in Asymptomatic Hyperuricemia. Journal of Investigative Medicine, 2015, 63, 924-929.	0.7	126
150	Prevalence and risk factors associated with chronic kidney disease in an adult population from southern China. Nephrology Dialysis Transplantation, 2008, 24, 1205-1212.	0.4	125
151	Rat glomerular mesangial cells synthesize basic fibroblast growth factor. Release, upregulated synthesis, and mitogenicity in mesangial proliferative glomerulonephritis.. Journal of Clinical Investigation, 1992, 90, 2362-2369.	3.9	124
152	The case for uric acid-lowering treatment in patients with hyperuricaemia and CKD. Nature Reviews Nephrology, 2019, 15, 767-775.	4.1	122
153	Fructose and hepatic insulin resistance. Critical Reviews in Clinical Laboratory Sciences, 2020, 57, 308-322.	2.7	122
154	T regulatory cell function in idiopathic minimal lesion nephrotic syndrome. Pediatric Nephrology, 2009, 24, 1691-1698.	0.9	121
155	Developmental patterns of PDGF B-chain, PDGF-receptor, and Î±-actin expression in human glomerulogenesis. Kidney International, 1992, 42, 390-399.	2.6	120
156	Uric Acid and Hypertension: Cause or Effect?. Current Rheumatology Reports, 2010, 12, 108-117.	2.1	120
157	Tubulointerstitial disease in glomerulonephritis. Potential role of osteopontin (uropontin). American Journal of Pathology, 1994, 144, 915-26.	1.9	120
158	Heat stress, hydration and uric acid: a cross-sectional study in workers of three occupations in a hotspot of Mesoamerican nephropathy in Nicaragua. BMJ Open, 2016, 6, e011034.	0.8	119
159	Age-related glomerulosclerosis and interstitial fibrosis in Milan normotensive rats: A podocyte disease. Kidney International, 1997, 51, 230-243.	2.6	117
160	A novel role for uric acid in acute kidney injury associated with tumour lysis syndrome. Nephrology Dialysis Transplantation, 2009, 24, 2960-2964.	0.4	117
161	Lessons from comparative physiology: could uric acid represent a physiologic alarm signal gone awry in western society?. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2009, 179, 67-76.	0.7	117
162	Cyclin kinase inhibitors are increased during experimental membranous nephropathy: Potential role in limiting glomerular epithelial cell proliferation in vivo. Kidney International, 1997, 52, 404-413.	2.6	116

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163	Effects of acute and chronic l-arginine treatment in experimental hyperuricemia. American Journal of Physiology - Renal Physiology, 2007, 292, F1238-F1244.	1.3	114
164	Extraglomerular origin of the mesangial cell after injury. A new role of the juxtaglomerular apparatus.. Journal of Clinical Investigation, 1997, 100, 786-794.	3.9	114
165	Effect of elevated serum uric acid on cisplatin-induced acute renal failure. American Journal of Physiology - Renal Physiology, 2007, 292, F116-F122.	1.3	113
166	HYPERURICEMIA EXACERBATES CHRONIC CYCLOSPORINE NEPHROPATHY1. Transplantation, 2001, 71, 900-905.	0.5	112
167	Perspective: A Historical and Scientific Perspective of Sugar and Its Relation with Obesity and Diabetes. Advances in Nutrition, 2017, 8, 412-422.	2.9	112
168	Osteopontin Expression in Fetal and Mature Human Kidney. Journal of the American Society of Nephrology: JASN, 1999, 10, 444-457.	3.0	112
169	Depletion of C6 prevents development of proteinuria in experimental membranous nephropathy in rats. American Journal of Pathology, 1989, 135, 185-94.	1.9	111
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