Mark E Cooper

List of Publications by Year
in descending order

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403 papers	56,246 citations	1530 106 h-index	1185 228 g-index
412 all docs	412 docs citations	412 times ranked	41067 citing authors

#	Article	IF	Citations
1	Effects of Losartan on Renal and Cardiovascular Outcomes in Patients with Type 2 Diabetes and Nephropathy. New England Journal of Medicine, 2001, 345, 861-869.	13.9	6,609
2	Intensive Blood Glucose Control and Vascular Outcomes in Patients with Type 2 Diabetes. New England Journal of Medicine, 2008, 358, 2560-2572.	13.9	6,447
3	A Trial of Darbepoetin Alfa in Type 2 Diabetes and Chronic Kidney Disease. New England Journal of Medicine, 2009, 361, 2019-2032.	13.9	2,110
4	Mechanisms of Diabetic Complications. Physiological Reviews, 2013, 93, 137-188.	13.1	1,943
5	Pathophysiology and treatment of type 2 diabetes: perspectives on the past, present, and future. Lancet, The, 2014, 383, 1068-1083.	6.3	1,230
6	Oxidative Stress as a Major Culprit in Kidney Disease in Diabetes. Diabetes, 2008, 57, 1446-1454.	0.3	999
7	Transient high glucose causes persistent epigenetic changes and altered gene expression during subsequent normoglycemia. Journal of Experimental Medicine, 2008, 205, 2409-2417.	4.2	931
8	Proteinuria, a target for renoprotection in patients with type 2 diabetic nephropathy: Lessons from RENAAL. Kidney International, 2004, 65, 2309-2320.	2.6	842
9	The Role of Advanced Glycation End Products in Progression and Complications of Diabetes. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 1143-1152.	1.8	839
10	Albuminuria and Kidney Function Independently Predict Cardiovascular and Renal Outcomes in Diabetes. Journal of the American Society of Nephrology: JASN, 2009, 20, 1813-1821.	3.0	787
11	Albuminuria, a Therapeutic Target for Cardiovascular Protection in Type 2 Diabetic Patients With Nephropathy. Circulation, 2004, 110, 921-927.	1.6	679
12	Reduced Bone Mass in Daughters of Women with Osteoporosis. New England Journal of Medicine, 1989, 320, 554-558.	13.9	585
13	The tubulointerstitium in progressive diabetic kidney disease: More than an aftermath of glomerular injury?. Kidney International, 1999, 56, 1627-1637.	2.6	566
14	Diabetic kidney disease. Nature Reviews Disease Primers, 2015, 1, 15018.	18.1	542
15	Pathogenesis, prevention, and treatment of diabetic nephropathy. Lancet, The, 1998, 352, 213-219.	6.3	476
16	Hyperglycemia Induces a Dynamic Cooperativity of Histone Methylase and Demethylase Enzymes Associated With Gene-Activating Epigenetic Marks That Coexist on the Lysine Tail. Diabetes, 2009, 58, 1229-1236.	0.3	468
17	Suppression of microRNA-29 Expression by TGF-Î²1 Promotes Collagen Expression and Renal Fibrosis. Journal of the American Society of Nephrology: JASN, 2012, 23, 252-265.	3.0	450
18	Changing epidemiology of type 2 diabetes mellitus and associated chronic kidney disease. Nature Reviews Nephrology, 2016, 12, 73-81.	4.1	441

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19	Methylglyoxal modification of Nav1.8 facilitates nociceptive neuron firing and causes hyperalgesia in diabetic neuropathy. Nature Medicine, 2012, 18, 926-933.	15.2	414
20	Diabetes and Kidney Disease: Role of Oxidative Stress. Antioxidants and Redox Signaling, 2016, 25, 657-684.	2.5	410
21	A Breaker of Advanced Glycation End Products Attenuates Diabetes-Induced Myocardial Structural Changes. Circulation Research, 2003, 92, 785-792.	2.0	401
22	Advanced glycation end products cause epithelial-myofibroblast transdifferentiation via the receptor for advanced glycation end products (RAGE). Journal of Clinical Investigation, 2001, 108, 1853-1863.	3.9	397
23	RAGE-Induced Cytosolic ROS Promote Mitochondrial Superoxide Generation in Diabetes. Journal of the American Society of Nephrology: JASN, 2009, 20, 742-752.	3.0	391
24	Myocardial infarction increases ACE2 expression in rat and humans. European Heart Journal, 2005, 26, 369-375.	1.0	382
25	Receptor for Advanced Glycation End Products (RAGE) Deficiency Attenuates the Development of Atherosclerosis in Diabetes. Diabetes, 2008, 57, 2461-2469.	0.3	376
26	NADPH Oxidase 1 Plays a Key Role in Diabetes Mellitusâ€“Accelerated Atherosclerosis. Circulation, 2013, 127, 1888-1902.	1.6	325
27	Characterization of Renal Angiotensin-Converting Enzyme 2 in Diabetic Nephropathy. Hypertension, 2003, 41, 392-397.	1.3	323
28	AGE, RAGE, and ROS in Diabetic Nephropathy. Seminars in Nephrology, 2007, 27, 130-143.	0.6	319
29	Inhibition of NADPH Oxidase Prevents Advanced Glycation End Productâ€“Mediated Damage in Diabetic Nephropathy Through a Protein Kinase C-Î±â€“Dependent Pathway. Diabetes, 2008, 57, 460-469.	0.3	317
30	Salt Induces Myocardial and Renal Fibrosis in Normotensive and Hypertensive Rats. Circulation, 1998, 98, 2621-2628.	1.6	313
31	miR-200a Prevents Renal Fibrogenesis Through Repression of TGF-Î²2 Expression. Diabetes, 2011, 60, 280-287.	0.3	311
32	Genetic Targeting or Pharmacologic Inhibition of NADPH Oxidase Nox4 Provides Renoprotection in Long-Term Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2014, 25, 1237-1254.	3.0	301
33	ACE2, a new regulator of the reninâ€“angiotensin system. Trends in Endocrinology and Metabolism, 2004, 15, 166-169.	3.1	292
34	Advanced Glycation End Product Interventions Reduce Diabetes-Accelerated Atherosclerosis. Diabetes, 2004, 53, 1813-1823.	0.3	291
35	Role of Advanced Glycation End Products in Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2003, 14, S254-S258.	3.0	290
36	Therapies for hyperglycaemia-induced diabetic complications: from animal models to clinical trials. Nature Reviews Drug Discovery, 2009, 8, 417-430.	21.5	285

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37	An acute fall in estimated glomerular filtration rate during treatment with losartan predicts a slower decrease in long-term renal function. Kidney International, 2011, 80, 282-287.	2.6	282
38	Albuminuria Is a Target for Renoprotective Therapy Independent from Blood Pressure in Patients with Type 2 Diabetic Nephropathy: Post Hoc Analysis from the Reduction of Endpoints in NIDDM with the Angiotensin II Antagonist Losartan (RENAAL) Trial. Journal of the American Society of Nephrology: JASN, 2007, 18, 1540-1546.	3.0	280
39	Prevention of Accelerated Atherosclerosis by Angiotensin-Converting Enzyme Inhibition in Diabetic Apolipoprotein Eâ€“Deficient Mice. Circulation, 2002, 106, 246-253.	1.6	266
40	Why blockade of the reninâ€“angiotensin system reduces the incidence of new-onset diabetes. Journal of Hypertension, 2005, 23, 463-473.	0.3	259
41	Intensive glucose control improves kidney outcomes in patients with type 2 diabetes. Kidney International, 2013, 83, 517-523.	2.6	256
42	Improved Islet Morphology after Blockade of the Renin- Angiotensin System in the ZDF Rat. Diabetes, 2004, 53, 989-997.	0.3	254
43	Linagliptin Lowers Albuminuria on Top of Recommended Standard Treatment in Patients With Type 2 Diabetes and Renal Dysfunction. Diabetes Care, 2013, 36, 3460-3468.	4.3	253
44	The breakdown of preâ€existing advanced glycation end products is associated with reduced renal fibrosis in experimental diabetes. FASEB Journal, 2003, 17, 1762-1764.	0.2	252
45	Reduction of the Accumulation of Advanced Glycation End Products by ACE Inhibition in Experimental Diabetic Nephropathy. Diabetes, 2002, 51, 3274-3282.	0.3	252
46	Lowering Blood Pressure Reduces Renal Events in Type 2 Diabetes. Journal of the American Society of Nephrology: JASN, 2009, 20, 883-892.	3.0	245
47	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
48	Connective Tissue Growth Factor Plays an Important Role in Advanced Glycation End Productâ€“Induced Tubular Epithelial-to-Mesenchymal Transition: Implications for Diabetic Renal Disease. Journal of the American Society of Nephrology: JASN, 2006, 17, 2484-2494.	3.0	238
49	E-Cadherin Expression Is Regulated by miR-192/215 by a Mechanism That Is Independent of the Profibrotic Effects of Transforming Growth Factor-Î². Diabetes, 2010, 59, 1794-1802.	0.3	235
50	Lack of the Antioxidant Enzyme Glutathione Peroxidase-1 Accelerates Atherosclerosis in Diabetic Apolipoprotein Eâ€“Deficient Mice. Circulation, 2007, 115, 2178-2187.	1.6	233
51	UKPDS and the Legacy Effect. New England Journal of Medicine, 2008, 359, 1618-1620.	13.9	221
52	Diabetic nephropathy: diagnosis and treatment. Nature Reviews Endocrinology, 2013, 9, 713-723.	4.3	220
53	Retinal Neovascularization Is Prevented by Blockade of the Renin-Angiotensin System. Hypertension, 2000, 36, 1099-1104.	1.3	216
54	Genetic Ace2 Deficiency Accentuates Vascular Inflammation and Atherosclerosis in the ApoE Knockout Mouse. Circulation Research, 2010, 107, 888-897.	2.0	213

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55	Irbesartan but Not Amlodipine Suppresses Diabetes-Associated Atherosclerosis. Circulation, 2004, 109, 1536-1542.	1.6	204
56	Advanced Glycation End Products Induce Tubular Epithelial-Myofibroblast Transition through the RAGE-ERK1/2 MAP Kinase Signaling Pathway. American Journal of Pathology, 2004, 164, 1389-1397.	1.9	202
57	Modulation of Soluble Receptor for Advanced Glycation End Products by Angiotensin-Converting Enzyme-1 Inhibition in Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2005, 16, 2363-2372.	3.0	200
58	AGEs activate mesangial TGF-Î²â€“Smad signaling via an angiotensin II type I receptor interaction. Kidney International, 2004, 66, 2137-2147.	2.6	198
59	Transforming growth factor Î21 and renal injury following subtotal nephrectomy in the rat: Role of the renin-angiotensin system. Kidney International, 1997, 51, 1553-1567.	2.6	192
60	Risks of cardiovascular events and effects of routine blood pressure lowering among patients with type 2 diabetes and atrial fibrillation: results of the ADVANCE study. European Heart Journal, 2009, 30, 1128-1135.	1.0	192
61	miR-21 promotes renal fibrosis in diabetic nephropathy by targeting PTEN and SMAD7. Clinical Science, 2015, 129, 1237-1249.	1.8	192
62	Epigenetics. Circulation Research, 2010, 107, 1403-1413.	2.0	185
63	Long-term Benefits of Intensive Glucose Control for Preventing End-Stage Kidney Disease: ADVANCE-ON. Diabetes Care, 2016, 39, 694-700.	4.3	184
64	Up-regulation of components of the renin-angiotensin system in the bile ductâ€“ligated rat liver. Gastroenterology, 2002, 123, 1667-1676.	0.6	179
65	Relative Incidence of ESRD Versus Cardiovascular Mortality in Proteinuric Type 2 Diabetes and Nephropathy: Results From the DIAMETRIC (Diabetes Mellitus Treatment for Renal Insufficiency) Tj ETQq1 1 0.784314 rgBT /Overlock	2.4	172
66	Risk Scores for Predicting Outcomes in Patients with Type 2 Diabetes and Nephropathy: The RENAAL Study. Clinical Journal of the American Society of Nephrology: CJASN, 2006, 1, 761-767.	2.2	171
67	Diabetic nephropathy: an insight into molecular mechanisms and emerging therapies. Expert Opinion on Therapeutic Targets, 2019, 23, 579-591.	1.5	170
68	Reconstituted High-Density Lipoprotein Attenuates Platelet Function in Individuals With Type 2 Diabetes Mellitus by Promoting Cholesterol Efflux. Circulation, 2009, 120, 2095-2104.	1.6	167
69	ACE2 Deficiency Modifies Renoprotection Afforded by ACE Inhibition in Experimental Diabetes. Diabetes, 2008, 57, 1018-1025.	0.3	164
70	Effect of a Reduction in Uric Acid on Renal Outcomes During Losartan Treatment. Hypertension, 2011, 58, 2-7.	1.3	164
71	Effect of angiotensin II type 1 receptor blockade on experimental hepatic fibrogenesis. Journal of Hepatology, 2001, 35, 376-385.	1.8	159
72	A new model of diabetic nephropathy with progressive renal impairment in the transgenic (mRen-2)27 rat (TGR). Kidney International, 1998, 54, 343-352.	2.6	153

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73	Transforming growth factor-Î²1-mediated renal fibrosis is dependent on the regulation of transforming growth factor receptor 1 expression by let-7b. Kidney International, 2014, 85, 352-361.	2.6	153
74	Interactions between Angiotensin II and NF-ÂB-Dependent Pathways in Modulating Macrophage Infiltration in Experimental Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2004, 15, 2139-2151.	3.0	152
75	Attenuation of Extracellular Matrix Accumulation in Diabetic Nephropathy by the Advanced Glycation End Product Cross-Link Breaker ALT-711 via a Protein Kinase C-Â-Dependent Pathway. Diabetes, 2004, 53, 2921-2930.	0.3	149
76	Distinguishing Hyperglycemic Changes by Set7 in Vascular Endothelial Cells. Circulation Research, 2012, 110, 1067-1076.	2.0	147
77	Reactive Oxygen Species Can Provide Atheroprotection via NOX4-Dependent Inhibition of Inflammation and Vascular Remodeling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 295-307.	1.1	147
78	Pathogenesis of diabetic nephropathy. Journal of Diabetes Investigation, 2011, 2, 243-247.	1.1	145
79	Importance of advanced glycation end products in diabetes-associated cardiovascular and renal disease. American Journal of Hypertension, 2004, 17, S31-S38.	1.0	144
80	Comparison of Different Measures of Urinary Protein Excretion for Prediction of Renal Events. Journal of the American Society of Nephrology: JASN, 2010, 21, 1355-1360.	3.0	144
81	Renoprotective effects of a novel Nox1/4 inhibitor in a mouse model of TypeÂ2 diabetes. Clinical Science, 2013, 124, 191-202.	1.8	142
82	Renal Connective Tissue Growth Factor Induction in Experimental Diabetes Is Prevented by Aminoguanidine. Endocrinology, 2002, 143, 4907-4915.	1.4	139
83	Accelerated Nephropathy in Diabetic Apolipoprotein E-Knockout Mouse: Role of Advanced Glycation End Products. Journal of the American Society of Nephrology: JASN, 2004, 15, 2125-2138.	3.0	137
84	Effects of aminoguanidine in preventing experimental diabetic nephropathy are related to the duration of treatment. Kidney International, 1996, 50, 627-634.	2.6	136
85	Imatinib Attenuates Diabetes-Associated Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 935-942.	1.1	134
86	Interactions between Renin Angiotensin System and Advanced Glycation in the Kidney. Journal of the American Society of Nephrology: JASN, 2005, 16, 2976-2984.	3.0	134
87	A Low-Sodium Diet Potentiates the Effects of Losartan in Type 2 Diabetes. Diabetes Care, 2002, 25, 663-671.	4.3	133
88	Pathological Expression of Renin and Angiotensin II in the Renal Tubule after Subtotal Nephrectomy. American Journal of Pathology, 1999, 155, 429-440.	1.9	132
89	Retinal Angiogenesis Is Mediated by an Interaction between the Angiotensin Type 2 Receptor, VEGF, and Angiopoietin. American Journal of Pathology, 2003, 163, 879-887.	1.9	130
90	Protective Effect of let-7 miRNA Family in Regulating Inflammation in Diabetes-Associated Atherosclerosis. Diabetes, 2017, 66, 2266-2277.	0.3	130

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91	Advanced glycation end products and diabetic complications. Expert Opinion on Investigational Drugs, 2002, 11, 1205-1223.	1.9	121
92	Imatinib Attenuates Diabetic Nephropathy in Apolipoprotein E-Knockout Mice. Journal of the American Society of Nephrology: JASN, 2005, 16, 363-373.	3.0	121
93	Angiotensin type 2 receptor is expressed in the adult rat kidney and promotes cellular proliferation and apoptosis. Kidney International, 2000, 58, 2437-2451.	2.6	120
94	Rosiglitazone Attenuates Atherosclerosis in a Model of Insulin Insufficiency Independent of Its Metabolic Effects. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1903-1909.	1.1	120
95	Linagliptin and its effects on hyperglycaemia and albuminuria in patients with type 2 diabetes and renal dysfunction: the randomized <scp>MARLINA</scp>â€<scp>T2D</scp> trial. Diabetes, Obesity and Metabolism, 2017, 19, 1610-1619.	2.2	119
96	NADPH Oxidase Nox5 Accelerates Renal Injury in Diabetic Nephropathy. Diabetes, 2017, 66, 2691-2703.	0.3	119
97	The losartan renal protection study â€" rationale, study design and baseline characteristics of RENAAL (Reduction of Endpoints in NIDDM with the Angiotensin II Antagonist Losartan). JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2000, 1, 328-335.	1.0	118
98	Mechanisms of Diabetic Nephropathy. Hypertension, 2006, 48, 519-526.	1.3	118
99	Combination Therapy with the Advanced Glycation End Product Cross-Link Breaker, Alagebrium, and Angiotensin Converting Enzyme Inhibitors in Diabetes: Synergy or Redundancy?. Endocrinology, 2007, 148, 886-895.	1.4	118
100	The role of the renin-angiotensin-aldosterone system in diabetes and its vascular complications. American Journal of Hypertension, 2004, 17, S16-S20.	1.0	117
101	Rationaleâ€"Trial to Reduce Cardiovascular Events with Aranesp Therapy (TREAT): Evolving the management of cardiovascular risk in patients with chronic kidney disease. American Heart Journal, 2005, 149, 408-413.	1.2	115
102	Antiatherosclerotic and Renoprotective Effects of Ebselen in the Diabetic Apolipoprotein E/GPx1-Double Knockout Mouse. Diabetes, 2010, 59, 3198-3207.	0.3	114
103	Mapping time-course mitochondrial adaptations in the kidney in experimental diabetes. Clinical Science, 2016, 130, 711-720.	1.8	114
104	Podocyte-specific Nox4 deletion affords renoprotection in a mouse model of diabetic nephropathy. Diabetologia, 2016, 59, 379-389.	2.9	114
105	Angiotensin Type 2 Receptor Antagonism Confers Renal Protection in a Rat Model of Progressive Renal Injury. Journal of the American Society of Nephrology: JASN, 2002, 13, 1773-1787.	3.0	113
106	Ubiquinone (coenzyme Q10) prevents renal mitochondrial dysfunction in an experimental model of type 2 diabetes. Free Radical Biology and Medicine, 2012, 52, 716-723.	1.3	112
107	Nephropathy and Elevated BP in Mice with Podocyte-Specific NADPH Oxidase 5 Expression. Journal of the American Society of Nephrology: JASN, 2014, 25, 784-797.	3.0	109
108	PDGF signal transduction inhibition ameliorates experimental mesangial proliferative glomerulonephritis. Kidney International, 2001, 59, 1324-1332.	2.6	108

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109	The Role of AGEs in Cardiovascular Disease. Current Pharmaceutical Design, 2008, 14, 979-986.	0.9	108
110	Aminoguanidine Ameliorates Overexpression of Prosclerotic Growth Factors and Collagen Deposition in Experimental Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2001, 12, 2098-2107.	3.0	108
111	Metabolic memory and diabetic nephropathy: potential role for epigenetic mechanisms. Nature Reviews Nephrology, 2010, 6, 332-341.	4.1	107
112	Dedifferentiation of Immortalized Human Podocytes in Response to Transforming Growth Factor-Î². Diabetes, 2011, 60, 1779-1788.	0.3	107
113	Cardiac inflammation associated with a Western diet is mediated via activation of RAGE by AGEs. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E323-E330.	1.8	105
114	Disparate effects on renal and oxidative parameters following RAGE deletion, AGE accumulation inhibition, or dietary AGE control in experimental diabetic nephropathy. American Journal of Physiology - Renal Physiology, 2010, 298, F763-F770.	1.3	105
115	Oxidative Stress, Nox Isoforms and Complications of Diabetesâ€"Potential Targets for Novel Therapies. Journal of Cardiovascular Translational Research, 2012, 5, 509-518.	1.1	104
116	NADPH Oxidase, NOX1, Mediates Vascular Injury in Ischemic Retinopathy. Antioxidants and Redox Signaling, 2014, 20, 2726-2740.	2.5	104
117	Targeted reduction of advanced glycation improves renal function in obesity. Kidney International, 2011, 80, 190-198.	2.6	102
118	PPAR-Î± and -Î³ agonists attenuate diabetic kidney disease in the apolipoprotein E knockout mouse. Nephrology Dialysis Transplantation, 2006, 21, 2399-2405.	0.4	101
119	The Renin-Angiotensin System Influences Ocular Endothelial Cell Proliferation in Diabetes. American Journal of Pathology, 2003, 162, 151-160.	1.9	100
120	Derivative of Bardoxolone Methyl, dh404, in an Inverse Dose-Dependent Manner Lessens Diabetes-Associated Atherosclerosis and Improves Diabetic Kidney Disease. Diabetes, 2014, 63, 3091-3103.	0.3	99
121	Effects of endothelin or angiotensin II receptor blockade on diabetes in the transgenic (mRen-2)27 rat. Kidney International, 2000, 57, 1882-1894.	2.6	96
122	Anemia With Impaired Erythropoietin Response in Diabetic Patients. Archives of Internal Medicine, 2005, 165, 466.	4.3	96
123	Advanced Glycation End Products and Diabetic Nephropathy. American Journal of Therapeutics, 2005, 12, 562-572.	0.5	95
124	Candesartan Attenuates Diabetic Retinal Vascular Pathology by Restoring Glyoxalase-I Function. Diabetes, 2010, 59, 3208-3215.	0.3	95
125	ALT-946 and Aminoguanidine, Inhibitors of Advanced Glycation, Improve Severe Nephropathy in the Diabetic Transgenic (mREN-2)27 Rat. Diabetes, 2002, 51, 3283-3289.	0.3	95
126	Blockade of the Renin-Angiotensin and Endothelin Systems on Progressive Renal Injury. Hypertension, 2000, 36, 561-568.	1.3	93

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127	The burden of chronic kidney disease in Australian patients with type 2â€‰diabetes (the NEFRON study). Medical Journal of Australia, 2006, 185, 140-144.	0.8	91
128	Kidney Disease End Points in a Pooled Analysis of Individual Patientâ€“Level Data From a Large Clinical Trials Program of the Dipeptidyl Peptidase 4 Inhibitor Linagliptin in Type 2 Diabetes. American Journal of Kidney Diseases, 2015, 66, 441-449.	2.1	91
129	Urinary Transforming Growth Factor-Â Excretion in Patients With Hypertension, Type 2 Diabetes, and Elevated Albumin Excretion Rate: Effects of angiotensin receptor blockade and sodium restriction. Diabetes Care, 2002, 25, 1072-1077.	4.3	90
130	Long-term glycemic control and the rate of progression of early diabetic kidney disease. Kidney International, 1993, 44, 855-859.	2.6	89
131	Nox-4 deletion reduces oxidative stress and injury by PKC-Î±-associated mechanisms in diabetic nephropathy. Physiological Reports, 2014, 2, e12192.	0.7	88
132	Effects of genetic hypertension on diabetic nephropathy in the rat ??? functional and structural characteristics. Journal of Hypertension, 1988, 6, 1009-1016.	0.3	87
133	Heparanase Is Involved in the Pathogenesis of Proteinuria as a Result of Glomerulonephritis. Journal of the American Society of Nephrology: JASN, 2004, 15, 68-78.	3.0	86
134	Site-Specific Antiatherogenic Effect of the Antioxidant Ebselen in the Diabetic Apolipoprotein Eâ€“Deficient Mouse. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 823-830.	1.1	86
135	Evolving concepts in advanced glycation, diabetic nephropathy, and diabetic vascular disease. Archives of Biochemistry and Biophysics, 2003, 419, 55-62.	1.4	85
136	Combined NOX1/4 inhibition with GKT137831 in mice provides dose-dependent reno- and atheroprotection even in established micro- and macrovascular disease. Diabetologia, 2017, 60, 927-937.	2.9	85
137	Pro-resolving lipid mediators: regulators of inflammation, metabolism and kidney function. Nature Reviews Nephrology, 2021, 17, 725-739.	4.1	85
138	Metformin use and cardiovascular events in patients with type 2 diabetes and chronic kidney disease. Diabetes, Obesity and Metabolism, 2019, 21, 1199-1208.	2.2	83
139	Increased Renal Vascular Endothelial Growth Factor and Angiopoietins by Angiotensin II Infusion Is Mediated by Both AT1 and AT2 Receptors. Journal of the American Society of Nephrology: JASN, 2003, 14, 3061-3071.	3.0	82
140	Osteopontin expression in progressive renal injury in remnant kidney: Role of angiotensin II. Kidney International, 2000, 58, 1469-1480.	2.6	81
141	Modulation of nephrin in the diabetic kidney: association with systemic hypertension and increasing albuminuria. Journal of Hypertension, 2002, 20, 985-992.	0.3	81
142	Retinal Expression of Vascular Endothelial Growth Factor Is Mediated by Angiotensin Type 1 and Type 2 Receptors. Hypertension, 2004, 43, 276-281.	1.3	80
143	ACE Gene Polymorphism and Losartan Treatment in Type 2 Diabetic Patients With Nephropathy. Journal of the American Society of Nephrology: JASN, 2008, 19, 771-779.	3.0	80
144	Advanced glycation end-products induce vascular dysfunction via resistance to nitric oxide and suppression of endothelial nitric oxide synthase. Journal of Hypertension, 2010, 28, 780-788.	0.3	80

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145	Processed foods drive intestinal barrier permeability and microvascular diseases. Science Advances, 2021, 7, .	4.7	80
146	Renal expression of transforming growth factor-Î² inducible gene-h3 (Î²ig-h3) in normal and diabetic rats11See Editorial by Border and Noble, p. 1390.. Kidney International, 1998, 54, 1052-1062.	2.6	79
147	Role of hyperlipidemia in progressive renal disease: Focus on diabetic nephropathy. Kidney International, 1999, 56, S31-S36.	2.6	79
148	Role of Nephrin in Renal Disease Including Diabetic Nephropathy. Seminars in Nephrology, 2002, 22, 393-398.	0.6	79
149	Transient Intermittent Hyperglycemia Accelerates Atherosclerosis by Promoting Myelopoiesis. Circulation Research, 2020, 127, 877-892.	2.0	77
150	Attenuation of tubular apoptosis by blockade of the renin-angiotensin system in diabetic Ren-2 rats. Kidney International, 2002, 61, 31-39.	2.6	76
151	Dual Inhibition of Neutral Endopeptidase and Angiotensin-Converting Enzyme in Rats With Hypertension and Diabetes Mellitus. Hypertension, 1998, 32, 778-785.	1.3	75
152	Vasopeptidase inhibition attenuates the progression of renal injury in subtotal nephrectomized rats. Kidney International, 2001, 60, 715-721.	2.6	75
153	Diabetes-Associated Mesenteric Vascular Hypertrophy Is Attenuated by Angiotensin-Converting Enzyme Inhibition. Diabetes, 1994, 43, 1221-1228.	0.3	74
154	Role of Angiotensin Receptor Subtypes in Mesenteric Vascular Proliferation and Hypertrophy. Hypertension, 1999, 34, 408-414.	1.3	74
155	Dicarbonyl Stress in the Absence of Hyperglycemia Increases Endothelial Inflammation and Atherogenesis Similar to That Observed in Diabetes. Diabetes, 2014, 63, 3915-3925.	0.3	74
156	Renin Angiotensin Aldosterone System Blockade and Renal Disease in Patients With Type 2 Diabetes: An Asian perspective from the RENAAL study. Diabetes Care, 2004, 27, 874-879.	4.3	73
157	Potential metabolic and inflammatory pathways between COVID-19 and new-onset diabetes. Diabetes and Metabolism, 2021, 47, 101204.	1.4	73
158	Endothelin Receptor Antagonism Ameliorates Mast Cell Infiltration, Vascular Hypertrophy, and Epidermal Growth Factor Expression in Experimental Diabetes. Circulation Research, 2000, 86, 158-165.	2.0	72
159	Long-term comparison between perindopril and nifedipine in normotensive patients with type 1 diabetes and microalbuminuria. American Journal of Kidney Diseases, 2001, 37, 890-899.	2.1	72
160	Serum Lipids and the Progression of Nephropathy in Type 1 Diabetes. Diabetes Care, 2006, 29, 317-322.	4.3	71
161	Connective Tissue Growth Factor Is Up-Regulated in the Diabetic Retina: Amelioration by Angiotensin-Converting Enzyme Inhibition. Endocrinology, 2004, 145, 860-866.	1.4	69
162	Circulating high-molecular-weight RAGE ligands activate pathways implicated in the development of diabetic nephropathy. Kidney International, 2010, 78, 287-295.	2.6	69

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