

Daisuke Koya

List of Publications by Year in Descending Order

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Version: 2024-04-19

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

155
papers

9,808
citations

42
h-index

97
g-index

173
ext. papers

11,656
ext. citations

4.9
avg, IF

6.15
L-index

#	Paper	IF	Citations
155	Novel Missense Mutation p.Ile424Ser in an Individual with Multiple Hepatic Cysts: A Case Report.. <i>Medicines (Basel, Switzerland)</i> , 2022 , 9,	4.1	
154	Exercise Ameliorates Diabetic Kidney Disease in Type 2 Diabetic Fatty Rats. <i>Antioxidants</i> , 2021 , 10,	7.1	1
153	Relationship Between Autophagy and Metabolic Syndrome Characteristics in the Pathogenesis of Atherosclerosis. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 641852	5.7	10
152	Loss of endothelial glucocorticoid receptor accelerates diabetic nephropathy. <i>Nature Communications</i> , 2021 , 12, 2368	17.4	30
151	CD26/DPP-4: Type 2 Diabetes Drug Target with Potential Influence on Cancer Biology. <i>Cancers</i> , 2021 , 13,	6.6	6
150	Endothelial SIRT3 regulates myofibroblast metabolic shifts in diabetic kidneys. <i>iScience</i> , 2021 , 24, 102390.	6.1	14
149	Interactions among Long Non-Coding RNAs and microRNAs Influence Disease Phenotype in Diabetes and Diabetic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
148	Dapagliflozin Restores Impaired Autophagy and Suppresses Inflammation in High Glucose-Treated HK-2 Cells. <i>Cells</i> , 2021 , 10,	7.9	7
147	NAD Homeostasis in Diabetic Kidney Disease. <i>Frontiers in Medicine</i> , 2021 , 8, 703076	4.9	1
146	Randomized trial of an intensified, multifactorial intervention in patients with advanced-stage diabetic kidney disease: Diabetic Nephropathy Remission and Regression Team Trial in Japan (DNETT-Japan). <i>Journal of Diabetes Investigation</i> , 2021 , 12, 207-216	3.9	7
145	Metformin Mitigates DPP-4 Inhibitor-Induced Breast Cancer Metastasis via Suppression of mTOR Signaling. <i>Molecular Cancer Research</i> , 2021 , 19, 61-73	6.6	9
144	The PKM2 activator TEPP-46 suppresses kidney fibrosis via inhibition of the EMT program and aberrant glycolysis associated with suppression of HIF-1 β accumulation. <i>Journal of Diabetes Investigation</i> , 2021 , 12, 697-709	3.9	13
143	Anterior pituitary function in Rathke's cleft cysts versus nonfunctioning pituitary adenomas. <i>Endocrine Journal</i> , 2021 , 68, 943-952	2.9	2
142	Effect of Methionine Restriction on Aging: Its Relationship to Oxidative Stress. <i>Biomedicines</i> , 2021 , 9,	4.8	8
141	Sodium-glucose cotransporter α inhibitors in type α diabetes patients with renal function impairment slow the annual renal function decline, in a real clinical practice. <i>Journal of Diabetes Investigation</i> , 2021 , 12, 1577-1585	3.9	3
140	Dietary Magnesium Insufficiency Induces Salt-Sensitive Hypertension in Mice Associated With Reduced Kidney Catechol-O-Methyl Transferase Activity. <i>Hypertension</i> , 2021 , 78, 138-150	8.5	1
139	Sirtuins and Renal Oxidative Stress. <i>Antioxidants</i> , 2021 , 10,	7.1	5

138	Autophagy in metabolic disease and ageing. <i>Nature Reviews Endocrinology</i> , 2021 , 17, 647-661	15.2	26
137	Effects of SGLT2 Inhibitors on Atherosclerosis: Lessons from Cardiovascular Clinical Outcomes in Type 2 Diabetic Patients and Basic Researches.. <i>Journal of Clinical Medicine</i> , 2021 , 11,	5.1	1
136	Endothelial FGFR1 (Fibroblast Growth Factor Receptor 1) Deficiency Contributes Differential Fibrogenic Effects in Kidney and Heart of Diabetic Mice. <i>Hypertension</i> , 2020 , 76, 1935-1944	8.5	21
135	Metabolic reprogramming by N-acetyl-seryl-aspartyl-lysyl-proline protects against diabetic kidney disease. <i>British Journal of Pharmacology</i> , 2020 , 177, 3691-3711	8.6	21
134	CD-1 mice: A novel type 2 diabetic mouse model with progressive kidney fibrosis. <i>Journal of Diabetes Investigation</i> , 2020 , 11, 1470-1481	3.9	1
133	Significance of SGLT2 inhibitors: lessons from renal clinical outcomes in patients with type 2 diabetes and basic researches. <i>Diabetology International</i> , 2020 , 11, 245-251	2.3	7
132	The impact of mitochondrial quality control by Sirtuins on the treatment of type 2 diabetes and diabetic kidney disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020 , 1866, 165756	6.9	9
131	Case report of superior mesenteric artery syndrome that developed in a lean type 2 diabetes patient and was associated with rapid body weight loss after sodium-glucose cotransporter 2 inhibitor administration. <i>Journal of Diabetes Investigation</i> , 2020 , 11, 1359-1362	3.9	1
130	Inhibition of Angiotensin-Converting Enzyme Ameliorates Renal Fibrosis by Mitigating DPP-4 Level and Restoring Antifibrotic MicroRNAs. <i>Genes</i> , 2020 , 11,	4.2	30
129	Endothelial autophagy deficiency induces IL6 - dependent endothelial mesenchymal transition and organ fibrosis. <i>Autophagy</i> , 2020 , 16, 1905-1914	10.2	28
128	Pro-inflammatory macrophages coupled with glycolysis remodel adipose vasculature by producing platelet-derived growth factor-B in obesity. <i>Scientific Reports</i> , 2020 , 10, 670	4.9	6
127	Deficiency in Dipeptidyl Peptidase-4 Promotes Chemoresistance through the CXCL12/CXCR4/mTOR/TGF β Signaling Pathway in Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
126	Conditions, pathogenesis, and progression of diabetic kidney disease and early decliner in Japan. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	13
125	Recent Insights Into SREBP as a Direct Mediator of Kidney Fibrosis via Lipid-Independent Pathways. <i>Frontiers in Pharmacology</i> , 2020 , 11, 265	5.6	23
124	Renal protective effects of empagliflozin via inhibition of EMT and aberrant glycolysis in proximal tubules. <i>JCI Insight</i> , 2020 , 5,	9.9	44
123	Methionine abrogates the renoprotective effect of a low-protein diet against diabetic kidney disease in obese rats with type 2 diabetes. <i>Aging</i> , 2020 , 12, 4489-4505	5.6	10
122	CD38 inhibition by apigenin ameliorates mitochondrial oxidative stress through restoration of the intracellular NAD/NADH ratio and Sirt3 activity in renal tubular cells in diabetic rats. <i>Aging</i> , 2020 , 12, 11325-11336	5.6	21
121	Stromal cell-derived factor 1 (SDF1) attenuates platelet-derived growth factor-B (PDGF-B)-induced vascular remodeling for adipose tissue expansion in obesity. <i>Angiogenesis</i> , 2020 , 23, 667-684	10.6	11

120	Manganese Superoxide Dismutase Dysfunction and the Pathogenesis of Kidney Disease. <i>Frontiers in Physiology</i> , 2020 , 11, 755	4.6	17
119	Medical nutrition therapy and dietary counseling for patients with diabetes-energy, carbohydrates, protein intake and dietary counseling. <i>Diabetology International</i> , 2020 , 11, 224-239	2.3	3
118	Supplementation with Red Wine Extract Increases Insulin Sensitivity and Peripheral Blood Mononuclear Sirt1 Expression in Nondiabetic Humans. <i>Nutrients</i> , 2020 , 12,	6.7	4
117	Mechanism of Activation of Mechanistic Target of Rapamycin Complex 1 by Methionine. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 715	5.7	8
116	Prevalence of albuminuria and renal dysfunction, and related clinical factors in Japanese patients with diabetes: The Japan Diabetes Complication and its Prevention prospective study ¹⁵ . <i>Journal of Diabetes Investigation</i> , 2020 , 11, 325-332	3.9	11
115	Relevance of Autophagy Induction by Gastrointestinal Hormones: Focus on the Incretin-Based Drug Target and Glucagon. <i>Frontiers in Pharmacology</i> , 2019 , 10, 476	5.6	3
114	Dipeptidyl peptidase-4 plays a pathogenic role in BSA-induced kidney injury in diabetic mice. <i>Scientific Reports</i> , 2019 , 9, 7519	4.9	17
113	Identification of subgroups of patients with type 2 diabetes with differences in renal function preservation, comparing patients receiving sodium-glucose co-transporter-2 inhibitors with those receiving dipeptidyl peptidase-4 inhibitors, using a supervised machine-learning algorithm (PROFILE study): A retrospective analysis of a Japanese commercial medical database. <i>Diabetes</i> , 2019 , 68, 1012-1015	6.7	12
112	Iktothio is essential for the anti-endothelial mesenchymal transition effects of N-acetyl-seryl-aspartyl-lysyl-proline. <i>FEBS Open Bio</i> , 2019 , 9, 1029-1038	2.7	4
111	Sirtuins and Type 2 Diabetes: Role in Inflammation, Oxidative Stress, and Mitochondrial Function. <i>Frontiers in Endocrinology</i> , 2019 , 10, 187	5.7	92
110	N-Acetyl-seryl-aspartyl-lysyl-proline is a potential biomarker of renal function in normoalbuminuric diabetic patients with eGFR ≥ 30 ml/min/1.73 m ² . <i>Clinical and Experimental Nephrology</i> , 2019 , 23, 1004-1012	2.5	3
109	The impact of dietary protein intake on longevity and metabolic health. <i>EBioMedicine</i> , 2019 , 43, 632-640	8.8	53
108	Effect of switching to teneligliptin from other dipeptidyl peptidase-4 inhibitors on glucose control and renoprotection in type 2 diabetes patients with diabetic kidney disease. <i>Journal of Diabetes Investigation</i> , 2019 , 10, 706-713	3.9	6
107	Diabetic kidney disease: Its current trends and future therapeutic perspectives. <i>Journal of Diabetes Investigation</i> , 2019 , 10, 1174-1176	3.9	1
106	513-P: Adenosine Signal Plays an Important Role in Renoprotective Effects of SGLT2 Inhibitor in Proteinuric Diabetic Mice. <i>Diabetes</i> , 2019 , 68, 513-P	0.9	
105	463-P: Linagliptin Ameliorated Heart Damage Associated with the Suppression of Necroptosis in Type 1 Diabetic Mice. <i>Diabetes</i> , 2019 , 68, 463-P	0.9	
104	Inhibition of Dipeptidyl Peptidase-4 Accelerates Epithelial-Mesenchymal Transition and Breast Cancer Metastasis via the CXCL12/CXCR4/mTOR Axis. <i>Cancer Research</i> , 2019 , 79, 735-746	10.1	52
103	Secular changes in clinical manifestations of kidney disease among Japanese adults with type 2 diabetes from 1996 to 2014. <i>Journal of Diabetes Investigation</i> , 2019 , 10, 1032-1040	3.9	23

102	Ipragliflozin improves mitochondrial abnormalities in renal tubules induced by a high-fat diet. <i>Journal of Diabetes Investigation</i> , 2018 , 9, 1025-1032	3.9	55
101	FGFR1 is essential for N-acetyl-seryl-aspartyl-lysyl-proline regulation of mitochondrial dynamics by upregulating microRNA let-7b-5p. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 495, 2214-2220 ¹⁰	2.4	10
100	Severe electrolytes disorders with the interstitial kidney alterations in the patient with the history of total thyroidectomy and parathyroidectomy: possible role of vitamin D deficiency. <i>Clinical Case Reports (discontinued)</i> , 2018 , 6, 983-989	0.7	
99	A ketogenic amino acid rich diet benefits mitochondrial homeostasis by altering the AKT/4EBP1 and autophagy signaling pathways in the gastrocnemius and soleus. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018 , 1862, 1547-1555	4	12
98	Decline in estimated glomerular filtration rate is associated with risk of end-stage renal disease in type 2 diabetes with macroalbuminuria: an observational study from JDNCS. <i>Clinical and Experimental Nephrology</i> , 2018 , 22, 377-387	2.5	11
97	The Japanese clinical practice guideline for acute kidney injury 2016. <i>Clinical and Experimental Nephrology</i> , 2018 , 22, 985-1045	2.5	28
96	A Low-Protein Diet for Diabetic Kidney Disease: Its Effect and Molecular Mechanism, an Approach from Animal Studies. <i>Nutrients</i> , 2018 , 10,	6.7	21
95	A low-protein diet exerts a beneficial effect on diabetic status and prevents diabetic nephropathy in Wistar fatty rats, an animal model of type 2 diabetes and obesity. <i>Nutrition and Metabolism</i> , 2018 , 15, 20	4.6	14
94	The Japanese Clinical Practice Guideline for acute kidney injury 2016. <i>Journal of Intensive Care</i> , 2018 , 6, 48	7	18
93	Renal mitochondrial oxidative stress is enhanced by the reduction of Sirt3 activity, in Zucker diabetic fatty rats. <i>Redox Report</i> , 2018 , 23, 153-159	5.9	33
92	Backcross db Gene into CD-1 Background Results in Novel Type 2 Diabetic Mouse Model with Progressive Kidney Fibrosis. <i>Diabetes</i> , 2018 , 67, 500-P	0.9	
91	Renal Mitochondrial Oxidative Stress Induced by NAD ⁺ -Dependent Sirt3 Inactivation via Overexpression of CD38 (NAD ⁺ ase) in Diabetic Kidney Disease. <i>Diabetes</i> , 2018 , 67, 495-P	0.9	
90	SIRT3 deficiency leads to induction of abnormal glycolysis in diabetic kidney with fibrosis. <i>Cell Death and Disease</i> , 2018 , 9, 997	9.8	59
89	AMP-Activated Protein (AMPK) in Pathophysiology of Pregnancy Complications. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	17
88	The Japanese Clinical Practice Guideline for acute kidney injury 2016. <i>Renal Replacement Therapy</i> , 2018 , 4,	2.3	3
87	Role of dietary amino acid balance in diet restriction-mediated lifespan extension, renoprotection, and muscle weakness in aged mice. <i>Aging Cell</i> , 2018 , 17, e12796	9.9	26
86	PDGFR β Regulates Adipose Tissue Expansion and Glucose Metabolism via Vascular Remodeling in Diet-Induced Obesity. <i>Diabetes</i> , 2017 , 66, 1008-1021	0.9	51
85	Catechol-O-Methyltransferase Deficiency Leads to Hypersensitivity of the Pressor Response Against Angiotensin II. <i>Hypertension</i> , 2017 , 69, 1156-1164	8.5	24

84	Regulating Autophagy as a Therapeutic Target for Diabetic Nephropathy. <i>Current Diabetes Reports</i> , 2017 , 17, 53	5.6	60
83	Impact of empagliflozin on diabetic kidney disease. <i>Journal of Diabetes Investigation</i> , 2017 , 8, 658-660	3.9	0
82	Eplerenone prevented obesity-induced inflammasome activation and glucose intolerance. <i>Journal of Endocrinology</i> , 2017 , 235, 179-191	4.7	34
81	Deficiency in catechol-o-methyltransferase is linked to a disruption of glucose homeostasis in mice. <i>Scientific Reports</i> , 2017 , 7, 7927	4.9	26
80	Anagliptin ameliorates albuminuria and urinary liver-type fatty acid-binding protein excretion in patients with type 2 diabetes with nephropathy in a glucose-lowering-independent manner. <i>BMJ Open Diabetes Research and Care</i> , 2017 , 5, e000391	4.5	6
79	Dipeptidyl peptidase-4 inhibition and renoprotection: the role of antifibrotic effects. <i>Current Opinion in Nephrology and Hypertension</i> , 2017 , 26, 56-66	3.5	13
78	Cyclic and intermittent very low-protein diet can have beneficial effects against advanced diabetic nephropathy in Wistar fatty (fa/fa) rats, an animal model of type 2 diabetes and obesity. <i>Nephrology</i> , 2017 , 22, 1030-1034	2.2	3
77	FGFR1 is critical for the anti-endothelial mesenchymal transition effect of N-acetyl-seryl-aspartyl-lysyl-proline via induction of the MAP4K4 pathway. <i>Cell Death and Disease</i> , 2017 , 8, e2965	9.8	36
76	The Effect of Piceatannol from Passion Fruit (<i>Passiflora edulis</i>) Seeds on Metabolic Health in Humans. <i>Nutrients</i> , 2017 , 9,	6.7	25
75	Patient Assessment and Diagnosis 2017 , 47-56		
74	Hypothalamic AMP-Activated Protein Kinase Regulates Biphasic Insulin Secretion from Pancreatic β Cells during Fasting and in Type 2 Diabetes. <i>EBioMedicine</i> , 2016 , 13, 168-180	8.8	12
73	Dipeptidyl peptidase-4 and kidney fibrosis in diabetes. <i>Fibrogenesis and Tissue Repair</i> , 2016 , 9, 1		40
72	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
71	Linagliptin but not Sitagliptin inhibited transforming growth factor- β -induced endothelial DPP-4 activity and the endothelial-mesenchymal transition. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 471, 184-90	3.4	32
70	Impaired Podocyte Autophagy Exacerbates Proteinuria in Diabetic Nephropathy. <i>Diabetes</i> , 2016 , 65, 755-67	0.9	174
69	Restoration of the Hypothalamic-pituitary-adrenal Response to Hypoglycemia in Type 2 Diabetes by Avoiding Chronic Hypoglycemia. <i>Internal Medicine</i> , 2016 , 55, 3471-3473	1.1	0
68	Oral Administration of N-Acetyl-seryl-aspartyl-lysyl-proline Ameliorates Kidney Disease in Both Type 1 and Type 2 Diabetic Mice via a Therapeutic Regimen. <i>BioMed Research International</i> , 2016 , 2016, 9172157	3	30
67	Role of Sirt1 as a Regulator of Autophagy 2016 , 89-100		4

66	Comparative Effects of Direct Renin Inhibitor and Angiotensin Receptor Blocker on Albuminuria in Hypertensive Patients with Type 2 Diabetes. A Randomized Controlled Trial. <i>PLoS ONE</i> , 2016 , 11, e0164936	3.7	8
65	Rodent models of diabetic nephropathy: their utility and limitations. <i>International Journal of Nephrology and Renovascular Disease</i> , 2016 , 9, 279-290	2.5	129
64	The protective role of Sirt1 in vascular tissue: its relationship to vascular aging and atherosclerosis. <i>Aging</i> , 2016 , 8, 2290-2307	5.6	147
63	Effect of Antifibrotic MicroRNAs Crosstalk on the Action of N-acetyl-seryl-aspartyl-lysyl-proline in Diabetes-related Kidney Fibrosis. <i>Scientific Reports</i> , 2016 , 6, 29884	4.9	44
62	Mammalian autophagy is essential for hepatic and renal ketogenesis during starvation. <i>Scientific Reports</i> , 2016 , 6, 18944	4.9	41
61	A very-low-protein diet ameliorates advanced diabetic nephropathy through autophagy induction by suppression of the mTORC1 pathway in Wistar fatty rats, an animal model of type 2 diabetes and obesity. <i>Diabetologia</i> , 2016 , 59, 1307-17	10.3	54
60	Rapid enlargement of an intracranial germ cell tumor after gonadotropin hormone therapy. <i>Journal of Clinical Neuroscience</i> , 2016 , 31, 185-8	2.2	1
59	MicroRNA148b-3p inhibits mTORC1-dependent apoptosis in diabetes by repressing TNFR2 in proximal tubular cells. <i>Kidney International</i> , 2016 , 90, 1211-1225	9.9	18
58	Anti-albuminuric effects of spironolactone in patients with type 2 diabetic nephropathy: a multicenter, randomized clinical trial. <i>Clinical and Experimental Nephrology</i> , 2015 , 19, 1098-106	2.5	36
57	Interactions of DPP-4 and integrin β influences endothelial-to-mesenchymal transition. <i>Kidney International</i> , 2015 , 88, 479-89	9.9	104
56	Lamp-2 deficiency prevents high-fat diet-induced obese diabetes via enhancing energy expenditure. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 465, 249-55	3.4	16
55	Urinary Potassium Excretion and Renal and Cardiovascular Complications in Patients with Type 2 Diabetes and Normal Renal Function. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015 , 10, 2152-8	6.9	52
54	Epidermal growth factor receptor signaling and the progression of diabetic nephropathy. <i>Journal of Diabetes Investigation</i> , 2015 , 6, 519-21	3.9	3
53	The relevance of the Renin-Angiotensin system in the development of drugs to combat preeclampsia. <i>International Journal of Endocrinology</i> , 2015 , 2015, 572713	2.7	17
52	Autophagy: A Novel Therapeutic Target for Diabetic Nephropathy. <i>Diabetes and Metabolism Journal</i> , 2015 , 39, 451-60	5	63
51	1-Methylnicotinamide ameliorates lipotoxicity-induced oxidative stress and cell death in kidney proximal tubular cells. <i>Free Radical Biology and Medicine</i> , 2015 , 89, 831-41	7.8	24
50	Pituitary apoplexy following gonadotropin-releasing hormone agonist administration with gonadotropin-secreting pituitary adenoma. <i>Journal of Clinical Neuroscience</i> , 2015 , 22, 601-3	2.2	20
49	Cancer biology in diabetes. <i>Journal of Diabetes Investigation</i> , 2014 , 5, 251-64	3.9	20

48	Linagliptin-mediated DPP-4 inhibition ameliorates kidney fibrosis in streptozotocin-induced diabetic mice by inhibiting endothelial-to-mesenchymal transition in a therapeutic regimen. <i>Diabetes</i> , 2014 , 63, 2120-31	0.9	245
47	Interventions against nutrient-sensing pathways represent an emerging new therapeutic approach for diabetic nephropathy. <i>Clinical and Experimental Nephrology</i> , 2014 , 18, 210-3	2.5	5
46	Fatty acids are novel nutrient factors to regulate mTORC1 lysosomal localization and apoptosis in podocytes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 1097-108	6.9	82
45	Predictive properties of plasma amino acid profile for cardiovascular disease in patients with type 2 diabetes. <i>PLoS ONE</i> , 2014 , 9, e101219	3.7	34
44	N-acetyl-seryl-aspartyl-lysyl-proline: a valuable endogenous anti-fibrotic peptide for combating kidney fibrosis in diabetes. <i>Frontiers in Pharmacology</i> , 2014 , 5, 70	5.6	23
43	Lipid mediators in diabetic nephropathy. <i>Fibrogenesis and Tissue Repair</i> , 2014 , 7, 12		45
42	Role of nutrient-sensing signals in the pathogenesis of diabetic nephropathy. <i>BioMed Research International</i> , 2014 , 2014, 315494	3	42
41	N-acetyl-seryl-aspartyl-lysyl-proline inhibits diabetes-associated kidney fibrosis and endothelial-mesenchymal transition. <i>BioMed Research International</i> , 2014 , 2014, 696475	3	59
40	A new classification of Diabetic Nephropathy 2014: a report from Joint Committee on Diabetic Nephropathy. <i>Diabetology International</i> , 2014 , 5, 207-211	2.3	6
39	Clinical therapeutic strategies for early stage of diabetic kidney disease. <i>World Journal of Diabetes</i> , 2014 , 5, 342-56	4.7	31
38	Three ileus cases associated with the use of dipeptidyl peptidase-4 inhibitors in diabetic patients. <i>Journal of Diabetes Investigation</i> , 2013 , 4, 673-5	3.9	6
37	Role of the endothelial-to-mesenchymal transition in renal fibrosis of chronic kidney disease. <i>Clinical and Experimental Nephrology</i> , 2013 , 17, 488-97	2.5	120
36	Anti-aging molecule, Sirt1: a novel therapeutic target for diabetic nephropathy. <i>Archives of Pharmacal Research</i> , 2013 , 36, 230-6	6.1	50
35	Calorie restriction in overweight males ameliorates obesity-related metabolic alterations and cellular adaptations through anti-aging effects, possibly including AMPK and SIRT1 activation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 4820-7	4	39
34	The role of autophagy in the pathogenesis of diabetic nephropathy. <i>Journal of Diabetes Research</i> , 2013 , 2013, 193757	3.9	49
33	MicroRNAs in kidney fibrosis and diabetic nephropathy: roles on EMT and EndMT. <i>BioMed Research International</i> , 2013 , 2013, 125469	3	88
32	Obesity-mediated autophagy insufficiency exacerbates proteinuria-induced tubulointerstitial lesions. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 1769-81	12.7	156
31	Renal protective effects of resveratrol. <i>Oxidative Medicine and Cellular Longevity</i> , 2013 , 2013, 568093	6.7	97

30	Statin use in patients with diabetes and kidney disease: the Japanese experience. <i>Journal of Atherosclerosis and Thrombosis</i> , 2013 , 20, 407-24	4	13
29	Sirtuins as possible drug targets in type 2 diabetes. <i>Current Drug Targets</i> , 2013 , 14, 622-36	3	67
28	Role of angiotensin II-mediated AMPK inactivation on obesity-related salt-sensitive hypertension. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 418, 559-64	3.4	30
27	Nutrient sensing, autophagy, and diabetic nephropathy. <i>Diabetes</i> , 2012 , 61, 23-9	0.9	125
26	SIRT1 inactivation induces inflammation through the dysregulation of autophagy in human THP-1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 427, 191-6	3.4	67
25	Efficacy and tolerability of vildagliptin in type 2 diabetic patients on hemodialysis. <i>Journal of Diabetes Investigation</i> , 2012 , 3, 298-301	3.9	10
24	Therapeutic management of diabetic kidney disease. <i>Journal of Diabetes Investigation</i> , 2011 , 2, 248-54	3.9	11
23	Association between single nucleotide polymorphisms within genes encoding sirtuin families and diabetic nephropathy in Japanese subjects with type 2 diabetes. <i>Clinical and Experimental Nephrology</i> , 2011 , 15, 381-390	2.5	54
22	Elevation of the antifibrotic peptide N-acetyl-seryl-aspartyl-lysyl-proline: a blood pressure-independent beneficial effect of angiotensin I-converting enzyme inhibitors. <i>Fibrogenesis and Tissue Repair</i> , 2011 , 4, 25		22
21	Resveratrol improves oxidative stress and protects against diabetic nephropathy through normalization of Mn-SOD dysfunction in AMPK/SIRT1-independent pathway. <i>Diabetes</i> , 2011 , 60, 634-43	0.9	254
20	Dietary restriction ameliorates diabetic nephropathy through anti-inflammatory effects and regulation of the autophagy via restoration of Sirt1 in diabetic Wistar fatty (fa/fa) rats: a model of type 2 diabetes. <i>Experimental Diabetes Research</i> , 2011 , 2011, 908185		159
19	Rapid effects of pitavastatin on uric acid homeostasis. <i>Gout and Nucleic Acid Metabolism</i> , 2011 , 35, 39-47		
18	Diabetic Nephropathy Remission and Regression Team Trial in Japan (DNETT-Japan): Rationale and study design. <i>Diabetes Research and Clinical Practice</i> , 2010 , 87, 228-32	7.4	5
17	Calorie restriction enhances cell adaptation to hypoxia through Sirt1-dependent mitochondrial autophagy in mouse aged kidney. <i>Journal of Clinical Investigation</i> , 2010 , 120, 1043-55	15.9	451
16	Effects of high sodium intake and diuretics on the circadian rhythm of blood pressure in type 2 diabetic patients treated with an angiotensin II receptor blocker. <i>Clinical and Experimental Nephrology</i> , 2009 , 13, 300-306	2.5	26
15	Combinational effect of genes for the renin-angiotensin system in conferring susceptibility to diabetic nephropathy. <i>Journal of Human Genetics</i> , 2007 , 52, 143-151	4.3	33
14	Corrigendum to [Legumain/asparaginyl endopeptidase controls extracellular matrix remodeling through the degradation of fibronectin in mouse renal proximal tubular cells][FEBS Lett. 581 (2007) 1417-1424]. <i>FEBS Letters</i> , 2007 , 581, 3579-3579	3.8	
13	N-acetyl-seryl-aspartyl-lysyl-proline ameliorates the progression of renal dysfunction and fibrosis in WKY rats with established anti-glomerular basement membrane nephritis. <i>Journal of the American Society of Nephrology: JASN</i> , 2006 , 17, 674-85	12.7	47

12	Inhibition of mTOR signaling with rapamycin attenuates renal hypertrophy in the early diabetic mice. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 340, 296-301	3.4	130
11	Levofloxacin-induced Achilles tendon rupture in a patient with systemic microscopic polyangiitis. <i>Modern Rheumatology</i> , 2005 , 15, 217-219	3.3	2
10	Genetic variations in the gene encoding TFAP2B are associated with type 2 diabetes mellitus. <i>Journal of Human Genetics</i> , 2005 , 50, 283-292	4.3	63
9	N-acetyl-seryl-aspartyl-lysyl-proline prevents renal insufficiency and mesangial matrix expansion in diabetic db/db mice. <i>Diabetes</i> , 2005 , 54, 838-45	0.9	60
8	Successful recovery of infective endocarditis-induced rapidly progressive glomerulonephritis by steroid therapy combined with antibiotics: a case report. <i>BMC Nephrology</i> , 2004 , 5, 18	2.7	24
7	Effects of antioxidants in diabetes-induced oxidative stress in the glomeruli of diabetic rats. <i>Journal of the American Society of Nephrology: JASN</i> , 2003 , 14, S250-3	12.7	212
6	N-Acetyl-seryl-aspartyl-lysyl-proline inhibits TGF-beta-mediated plasminogen activator inhibitor-1 expression via inhibition of Smad pathway in human mesangial cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2003 , 14, 863-72	12.7	71
5	Endothelin-1 induces cyclooxygenase-2 expression via nuclear factor of activated T-cell transcription factor in glomerular mesangial cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2001 , 12, 1359-1368	12.7	52
4	Amelioration of accelerated diabetic mesangial expansion by treatment with a PKC beta inhibitor in diabetic db/db mice, a rodent model for type 2 diabetes. <i>FASEB Journal</i> , 2000 , 14, 439-47	0.9	374
3	Evaluation of a new care system provided to diabetic patients in the outpatient clinic. <i>Internal Medicine</i> , 2000 , 39, 783-7	1.1	7
2	Insulin-like growth factor I stimulates glucose uptake and expression of glucose transporter 1 in cultured mesangial cells. <i>Clinical and Experimental Nephrology</i> , 1999 , 3, 159-162	2.5	
1	d-alpha-tocopherol treatment prevents glomerular dysfunctions in diabetic rats through inhibition of protein kinase C-diacylglycerol pathway. <i>BioFactors</i> , 1998 , 7, 69-76	6.1	37