Munehiro Kitada

List of Publications by Year
in descending order

78 papers	5,034 citations	101543 36 h-index	95266 68 g-index
81 all docs	81 docs citations	81 times ranked	6462 citing authors

#	ARTICLE	IF	CITATIONS
1	Adenosine/A1R signaling pathway did not play dominant roles on the influence of SGLT2 inhibitor in the kidney of BSAâ€overloaded STZâ€induced diabetic mice. Journal of Diabetes Investigation, 2022, , .	2.4	1
2	Effects of SGLT2 Inhibitors on Atherosclerosis: Lessons from Cardiovascular Clinical Outcomes in Type 2 Diabetic Patients and Basic Researches. Journal of Clinical Medicine, 2022, 11, 137.	2.4	15
3	Rationale, Design and Baseline Characteristics of the Effect of Canagliflozin in Type 2 Diabetic Patients with Microalbuminuria in Japanese Population (<scp>CANPIONE</scp>) study. Diabetes, Obesity and Metabolism, 2022, , .	4.4	1
4	Metformin Mitigates DPP-4 Inhibitor-Induced Breast Cancer Metastasis via Suppression of mTOR Signaling. Molecular Cancer Research, 2021, 19, 61-73.	3.4	22
5	Effect of Methionine Restriction on Aging: Its Relationship to Oxidative Stress. Biomedicines, 2021, 9, 130.	3.2	39
6	Sodiumâ€"glucose cotransporterÂ2 inhibitors in typeÂ2 diabetes patients with renal function impairment slow the annual renal function decline, in a real clinical practice. Journal of Diabetes Investigation, 2021, 12, 1577-1585.	2.4	6
7	Relationship Between Autophagy and Metabolic Syndrome Characteristics in the Pathogenesis of Atherosclerosis. Frontiers in Cell and Developmental Biology, 2021, 9, 641852.	3.7	26
8	Endothelial SIRT3 regulates myofibroblast metabolic shifts in diabetic kidneys. IScience, 2021, 24, 102390.	4.1	50
9	Dapagliflozin Restores Impaired Autophagy and Suppresses Inflammation in High Glucose-Treated HK-2 Cells. Cells, 2021, 10, 1457.	4.1	60
10	NAD+ Homeostasis in Diabetic Kidney Disease. Frontiers in Medicine, 2021, 8, 703076.	2.6	10
11	Sirtuins and Renal Oxidative Stress. Antioxidants, 2021, 10, 1198.	5.1	27
12	Autophagy in metabolic disease and ageing. Nature Reviews Endocrinology, 2021, 17, 647-661.	9.6	159
13	Exercise Ameliorates Diabetic Kidney Disease in Type 2 Diabetic Fatty Rats. Antioxidants, 2021, 10, 1754.	5.1	8
14	Stromal cell-derived factor 1 (SDF1) attenuates platelet-derived growth factor-B (PDGF-B)-induced vascular remodeling for adipose tissue expansion in obesity. Angiogenesis, 2020, 23, 667-684.	7.2	19
15	Manganese Superoxide Dismutase Dysfunction and the Pathogenesis of Kidney Disease. Frontiers in Physiology, 2020, 11, 755.	2.8	52
16	Medical nutrition therapy and dietary counseling for patients with diabetes-energy, carbohydrates, protein intake and dietary counseling. Diabetology International, 2020, 11, 224-239.	1.4	7
17	Supplementation with Red Wine Extract Increases Insulin Sensitivity and Peripheral Blood Mononuclear Sirt1 Expression in Nondiabetic Humans. Nutrients, 2020, 12, 3108.	4.1	8
18	Mechanism of Activation of Mechanistic Target of Rapamycin Complex 1 by Methionine. Frontiers in Cell and Developmental Biology, 2020, 8, 715.	3.7	21

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19	Endothelial FGFR1 (Fibroblast Growth Factor Receptor 1) Deficiency Contributes Differential Fibrogenic Effects in Kidney and Heart of Diabetic Mice. Hypertension, 2020, 76, 1935-1944.	2.7	55
20	CDâ€1<i>^{db/db}</i> mice: A novel type 2 diabetic mouse model with progressive kidney fibrosis. Journal of Diabetes Investigation, 2020, 11, 1470-1481.	2.4	5
21	Significance of SGLT2 inhibitors: lessons from renal clinical outcomes in patients with type 2 diabetes and basic researches. Diabetology International, 2020, 11, 245-251.	1.4	13
22	The impact of mitochondrial quality control by Sirtuins on the treatment of type 2 diabetes and diabetic kidney disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165756.	3.8	15
23	Case report of superior mesenteric artery syndrome that developed in a lean typeÂ2 diabetes patient and was associated with rapid body weight loss after sodiumâ€"glucose cotransporterÂ2 inhibitor administration. Journal of Diabetes Investigation, 2020, 11, 1359-1362.	2.4	3
24	Endothelial autophagy deficiency induces IL6 - dependent endothelial mesenchymal transition and organ fibrosis. Autophagy, 2020, 16, 1905-1914.	9.1	65
25	Pro-inflammatory macrophages coupled with glycolysis remodel adipose vasculature by producing platelet-derived growth factor-B in obesity. Scientific Reports, 2020, 10, 670.	3.3	18
26	Deficiency in Dipeptidyl Peptidase-4 Promotes Chemoresistance Through the CXCL12/CXCR4/mTOR/TGFÎ² Signaling Pathway in Breast Cancer Cells. International Journal of Molecular Sciences, 2020, 21, 805.	4.1	18
27	Renal protective effects of empagliflozin via inhibition of EMT and aberrant glycolysis in proximal tubules. JCI Insight, 2020, 5, .	5.0	131
28	Methionine abrogates the renoprotective effect of a low-protein diet against diabetic kidney disease in obese rats with type 2 diabetes. Aging, 2020, 12, 4489-4505.	3.1	18
29	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. Aging, 2020, 12, 11325-11336.	3.1	61
30	Effect of switching to teneligliptin from other dipeptidyl peptidaseâ€4 inhibitors on glucose control and renoprotection in typeÂ2 diabetes patients with diabetic kidney disease. Journal of Diabetes Investigation, 2019, 10, 706-713.	2.4	7
31	Proposal of classification of â€œchronic kidney disease (CKD) with diabetesâ€•in clinical setting. Diabetology International, 2019, 10, 180-182.	1.4	1
32	Dipeptidyl peptidase-4 plays a pathogenic role in BSA-induced kidney injury in diabetic mice. Scientific Reports, 2019, 9, 7519.	3.3	25
33	Î²klotho is essential for the antiâ€endothelial mesenchymal transition effects of <i>N</i>â€acetylâ€serylâ€aspartylâ€lysylâ€proline. FEBS Open Bio, 2019, 9, 1029-1038.	2.3	7
34	Sirtuins and Type 2 Diabetes: Role in Inflammation, Oxidative Stress, and Mitochondrial Function. Frontiers in Endocrinology, 2019, 10, 187.	3.5	170
35	N-Acetyl-seryl-aspartyl-lysyl-proline is a potential biomarker of renal function in normoalbuminuric diabetic patients with eGFRâ€‰â‰¥â€‰30Âml/min/1.73Âm2. Clinical and Experimental Nephrology, 2019, 23, 1004-1012.	1.6	5
36	The impact of dietary protein intake on longevity and metabolic health. EBioMedicine, 2019, 43, 632-640.	6.1	97

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37	Inhibition of Dipeptidyl Peptidase-4 Accelerates Epithelialâ€“Mesenchymal Transition and Breast Cancer Metastasis via the CXCL12/CXCR4/mTOR Axis. Cancer Research, 2019, 79, 735-746.	0.9	86
38	Ipragliflozin improves mitochondrial abnormalities in renal tubules induced by a highâ€fat diet. Journal of Diabetes Investigation, 2018, 9, 1025-1032.	2.4	88
39	FGFR1 is essential for N-acetyl-seryl-aspartyl-lysyl-proline regulation of mitochondrial dynamics by upregulating microRNA let-7b-5p. Biochemical and Biophysical Research Communications, 2018, 495, 2214-2220.	2.1	13
40	A ketogenic amino acid rich diet benefits mitochondrial homeostasis by altering the AKT/4EBP1 and autophagy signaling pathways in the gastrocnemius and soleus. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 1547-1555.	2.4	17
41	SIRT3 deficiency leads to induction of abnormal glycolysis in diabetic kidney with fibrosis. Cell Death and Disease, 2018, 9, 997.	6.3	117
42	A Low-Protein Diet for Diabetic Kidney Disease: Its Effect and Molecular Mechanism, an Approach from Animal Studies. Nutrients, 2018, 10, 544.	4.1	38
43	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. Nutrition and Metabolism, 2018, 15, 20.	3.0	23
44	Renal mitochondrial oxidative stress is enhanced by the reduction of Sirt3 activity, in Zucker diabetic fatty rats. Redox Report, 2018, 23, 153-159.	4.5	42
45	Regulating Autophagy as a Therapeutic Target for Diabetic Nephropathy. Current Diabetes Reports, 2017, 17, 53.	4.2	79
46	Deficiency in catechol-o-methyltransferase is linked to a disruption of glucose homeostasis in mice. Scientific Reports, 2017, 7, 7927.	3.3	30
47	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. BMJ Open Diabetes Research and Care, 2017, 5, e000391.	2.8	7
48	Cyclic and intermittent very lowâ€protein diet can have beneficial effects against advanced diabetic nephropathy in Wistar fatty (<i>fa/fa</i>) rats, an animal model of type 2 diabetes and obesity. Nephrology, 2017, 22, 1030-1034.	1.6	5
49	FGFR1 is critical for the anti-endothelial mesenchymal transition effect of N-acetyl-seryl-aspartyl-lysyl-proline via induction of the MAP4K4 pathway. Cell Death and Disease, 2017, 8, e2965-e2965.	6.3	61
50	The Effect of Piceatannol from Passion Fruit (Passiflora edulis) Seeds on Metabolic Health in Humans. Nutrients, 2017, 9, 1142.	4.1	38
51	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. BioMed Research International, 2016, 2016, 1-11.	1.9	36
52	Comparative Effects of Direct Renin Inhibitor and Angiotensin Receptor Blocker on Albuminuria in Hypertensive Patients with Type 2 Diabetes. A Randomized Controlled Trial. PLoS ONE, 2016, 11, e0164936.	2.5	11
53	Rodent models of diabetic nephropathy: their utility and limitations. International Journal of Nephrology and Renovascular Disease, 2016, Volume 9, 279-290.	1.8	190
54	The protective role of Sirt1 in vascular tissue: its relationship to vascular aging and atherosclerosis. Aging, 2016, 8, 2290-2307.	3.1	201

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55	Effect of Antifibrotic MicroRNAs Crosstalk on the Action of N-acetyl-seryl-aspartyl-lysyl-proline in Diabetes-related Kidney Fibrosis. Scientific Reports, 2016, 6, 29884.	3.3	60
56	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. Diabetologia, 2016, 59, 1307-1317.	6.3	75
57	Interactions of DPP-4 and integrin Î²1 influences endothelial-to-mesenchymal transition. Kidney International, 2015, 88, 479-489.	5.2	127
58	N-acetyl-seryl-aspartyl-lysyl-proline: a valuable endogenous anti-fibrotic peptide for combating kidney fibrosis in diabetes. Frontiers in Pharmacology, 2014, 5, 70.	3.5	26
59	N-acetyl-seryl-aspartyl-lysyl-proline Inhibits Diabetes-Associated Kidney Fibrosis and Endothelial-Mesenchymal Transition. BioMed Research International, 2014, 2014, 1-12.	1.9	73
60	Role of sirtuins in kidney disease. Current Opinion in Nephrology and Hypertension, 2014, 23, 75-79.	2.0	28
61	Clinical therapeutic strategies for early stage of diabetic kidney disease. World Journal of Diabetes, 2014, 5, 342.	3.5	42
62	Linagliptin-Mediated DPP-4 Inhibition Ameliorates Kidney Fibrosis in Streptozotocin-Induced Diabetic Mice by Inhibiting Endothelial-to-Mesenchymal Transition in a Therapeutic Regimen. Diabetes, 2014, 63, 2120-2131.	0.6	298
63	Interventions against nutrient-sensing pathways represent an emerging new therapeutic approach for diabetic nephropathy. Clinical and Experimental Nephrology, 2014, 18, 210-213.	1.6	6
64	The Use of Calorie Restriction Mimetics to Study Aging. Methods in Molecular Biology, 2013, 1048, 95-107.	0.9	8
65	Ketogenic essential amino acids replacement diet ameliorated hepatosteatosis with altering autophagy-associated molecules. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 1605-1612.	3.8	28
66	Anti-aging molecule, Sirt1: a novel therapeutic target for diabetic nephropathy. Archives of Pharmacal Research, 2013, 36, 230-236.	6.3	60
67	Sirtuins and renal diseases: relationship with aging and diabetic nephropathy. Clinical Science, 2013, 124, 153-164.	4.3	182
68	Calorie restriction in overweight males ameliorates obesity-related metabolic alterations and cellular adaptations through anti-aging effects, possibly including AMPK and SIRT1 activation. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 4820-4827.	2.4	41
69	Renal Protective Effects of Resveratrol. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-7.	4.0	123
70	SIRT1 in Type 2 Diabetes: Mechanisms and Therapeutic Potential. Diabetes and Metabolism Journal, 2013, 37, 315.	4.7	208
71	Sirtuins as Possible Drug Targets in Type 2 Diabetes. Current Drug Targets, 2013, 14, 622-636.	2.1	74
72	Autophagy as a Therapeutic Target in Diabetic Nephropathy. Experimental Diabetes Research, 2012, 2012, 1-12.	3.8	92

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73	SIRT1 inactivation induces inflammation through the dysregulation of autophagy in human THP-1 cells. Biochemical and Biophysical Research Communications, 2012, 427, 191-196.	2.1	90
74	Resveratrol Improves Oxidative Stress and Protects Against Diabetic Nephropathy Through Normalization of Mn-SOD Dysfunction in AMPK/SIRT1-Independent Pathway. Diabetes, 2011, 60, 634-643.	0.6	300
75	Dietary Restriction Ameliorates Diabetic Nephropathy through Anti-Inflammatory Effects and Regulation of the Autophagy via Restoration of Sirt1 in Diabetic Wistar Fatty (<i>fa/fa</i>) Rats: A Model of Type 2 Diabetes. Experimental Diabetes Research, 2011, 2011, 1-11.	3.8	186
76	Molecular mechanisms of diabetic vascular complications. Journal of Diabetes Investigation, 2010, 1, 77-89.	2.4	140
77	Effects of Antioxidants in Diabetes-Induced Oxidative Stress in the Glomeruli of Diabetic Rats. Journal of the American Society of Nephrology: JASN, 2003, 14, S250-S253.	6.1	240
78	Translocation of Glomerular p47phox and p67phox by Protein Kinase C-Î² Activation Is Required for Oxidative Stress in Diabetic Nephropathy. Diabetes, 2003, 52, 2603-2614.	0.6	199