Masanari Kuwabara

List of Publications by Year
in descending order

130 papers	4,763 citations	101543 36 h-index	114465 63 g-index
138 all docs	138 docs citations	138 times ranked	5820 citing authors

#	Article	IF	Citations
1	The Role of Uric Acid in the Acute Myocardial Infarction: A Narrative Review. Angiology, 2022, 73, 9-17.	1.8	11
2	Factors Influencing Change in Serum Uric Acid After Administration of the Sodiumâ€Glucose Cotransporter 2 Inhibitor Luseogliflozin in Patients With Type 2 Diabetes Mellitus. Journal of Clinical Pharmacology, 2022, 62, 366-375.	2.0	12
3	Î±1-Adrenergic receptor mediates adipose-derived stem cell sheet-induced protection against chronic heart failure after myocardial infarction in rats. Hypertension Research, 2022, 45, 283-291.	2.7	2
4	Temporal trends in the prevalence and characteristics of hypouricaemia: a descriptive study of medical check-up and administrative claims data. Clinical Rheumatology, 2022, 41, 2113-2119.	2.2	4
5	Urate-lowering therapy for CKD patients with asymptomatic hyperuricemia without proteinuria elucidated by attribute-based research in the FEATHER Study. Scientific Reports, 2022, 12, 3784.	3.3	12
6	Kv1.5 channel mediates monosodium urate-induced activation of NLRP3 inflammasome in macrophages and arrhythmogenic effects of urate on cardiomyocytes. Molecular Biology Reports, 2022, 49, 5939-5952.	2.3	3
7	Xanthinuria Type 1 with a Novel Mutation in Xanthine Dehydrogenase and a Normal Endothelial Function. Internal Medicine, 2022, 61, 1383-1386.	0.7	2
8	Current Hydration Habits: The Disregarded Factor for the Development of Renal and Cardiometabolic Diseases. Nutrients, 2022, 14, 2070.	4.1	5
9	Update on Hypertension Research in 2021. Hypertension Research, 2022, 45, 1276-1297.	2.7	13
10	Pulmonary surfactants and the respiratory-renal connection in steroid-sensitive nephrotic syndrome of childhood. IScience, 2022, 25, 104694.	4.1	2
11	A primer on metabolic memory: why existing diabesity treatments fail. CKJ: Clinical Kidney Journal, 2021, 14, 756-767.	2.9	2
12	Effect of Coffee Consumption on Renal Outcome: A Systematic Review and Meta-Analysis of Clinical Studies. , 2021, 31, 5-20.		17
13	Vasopressin mediates fructose-induced metabolic syndrome by activating the V1b receptor. JCI Insight, 2021, 6, .	5.0	32
14	Esm1 and Stc1 as Angiogenic Factors Responsible for Protective Actions of Adipose-Derived Stem Cell Sheets on Chronic Heart Failure After Rat Myocardial Infarction. Circulation Journal, 2021, 85, 657-666.	1.6	13
15	Kawasaki Disease With Coronary Artery Lesions Detected at Initial Echocardiography. Journal of the American Heart Association, 2021, 10, e019853.	3.7	11
16	Japanese National Plan for Promotion of Measures Against Cerebrovascular and Cardiovascular Disease. Circulation, 2021, 143, 1929-1931.	1.6	40
17	Serum Urate Trajectory in Young Adulthood and Incident Cardiovascular Disease Events by Middle Age: CARDIA Study. Hypertension, 2021, 78, 1211-1218.	2.7	15
18	Association Between Kidney Function Decline and Baseline TNFR Levels or Change Ratio in TNFR by Febuxostat Chiefly in Non-diabetic CKD Patients With Asymptomatic Hyperuricemia. Frontiers in Medicine, 2021, 8, 634932.	2.6	5

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19	Umami-induced obesity and metabolic syndrome is mediated by nucleotide degradation and uric acid generation. Nature Metabolism, 2021, 3, 1189-1201.	11.9	33
20	Pharmacologic and interventional paradigms of diuretic resistance in congestive heart failure: a narrative review. International Urology and Nephrology, 2021, 53, 1839-1849.	1.4	6
21	Therapeutic Strategies for the Treatment of Chronic Hyperuricemia: An Evidence-Based Update. Medicina (Lithuania), 2021, 57, 58.	2.0	48
22	Uric Acid as a Risk Factor for Chronic Kidney Disease and Cardiovascular Diseaseã€€â€• Japanese Guideline on the Management of Asymptomatic Hyperuricemia â€•. Circulation Journal, 2021, 85, 130-138.	1.6	56
23	Therapeutic implications of shared mechanisms in non-alcoholic fatty liver disease and chronic kidney disease. Journal of Nephrology, 2021, 34, 649-659.	2.0	13
24	Fructose tolerance test in obese people with and without type 2 diabetes. Journal of Diabetes, 2020, 12, 197-204.	1.8	5
25	Platelet Count Variation and Risk for Coronary Artery Abnormalities in Kawasaki Disease. Pediatric Infectious Disease Journal, 2020, 39, 197-203.	2.0	11
26	Corticosteroids Added to Initial Intravenous Immunoglobulin Treatment for the Prevention of Coronary Artery Abnormalities in Highâ€Risk Patients With Kawasaki Disease. Journal of the American Heart Association, 2020, 9, e015308.	3.7	15
27	Bacille Calmette-GuÃ©rin inoculation site changes and cardiac complications in patients with Kawasaki disease. Archives of Disease in Childhood, 2020, 106, archdischild-2020-319543.	1.9	0
28	Outcomes in Kawasaki disease patients with coronary artery abnormalities at admission. American Heart Journal, 2020, 225, 120-128.	2.7	19
29	Hyperosmolarity and Increased Serum Sodium Concentration Are Risks for Developing Hypertension Regardless of Salt Intake: A Five-Year Cohort Study in Japan. Nutrients, 2020, 12, 1422.	4.1	12
30	Epidemiology, Treatments, and Cardiac Complications in Patients with Kawasaki Disease: The Nationwide Survey in Japan, 2017-2018. Journal of Pediatrics, 2020, 225, 23-29.e2.	1.8	111
31	Sugar causes obesity and metabolic syndrome in mice independently of sweet taste. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E276-E290.	3.5	15
32	Deletion of Fructokinase in the Liver or in the Intestine Reveals Differential Effects on Sugar-Induced Metabolic Dysfunction. Cell Metabolism, 2020, 32, 117-127.e3.	16.2	70
33	Uric acid and hypertension. Hypertension Research, 2020, 43, 832-834.	2.7	58
34	Reply. Journal of Hypertension, 2020, 38, 371-372.	0.5	0
35	Response by Kuwabara et al to Letter Regarding Article, â€œEzetimibe Lipid-Lowering Trial on Prevention of Atherosclerotic Cardiovascular Disease in 75 or Older (EWTOPIA 75): A Randomized Controlled Trialâ€• Circulation, 2020, 141, e67-e68.	1.6	2
36	Serum osmolarity as a potential predictor for contrast-induced nephropathy following elective coronary angiography. International Urology and Nephrology, 2020, 52, 541-547.	1.4	3

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37	The causality between the serum uric acid level and stroke. Hypertension Research, 2020, 43, 354-356.	2.7	13
38	Effect of Uric Acid-Lowering Agents on Cardiovascular Outcome in Patients With Heart Failure: A Systematic Review and Meta-Analysis of Clinical Studies. Angiology, 2020, 71, 315-323.	1.8	22
39	Febuxostat and atrial fibrillation. European Heart Journal, 2020, 41, 2916-2917.	2.2	2
40	Reply to â€˜The case for evidence-based medicine for the association between hyperuricaemia and CKDâ€™. Nature Reviews Nephrology, 2020, 16, 422-423.	9.6	2
41	The Optimal Range of Serum Uric Acid for Cardiometabolic Diseases: A 5-Year Japanese Cohort Study. Journal of Clinical Medicine, 2020, 9, 942.	2.4	36
42	Hyperuricemia in Kidney Disease: A Major Risk Factor for Cardiovascular Events, Vascular Calcification, and Renal Damage. Seminars in Nephrology, 2020, 40, 574-585.	1.6	43
43	Hyperuricemia as a Risk Factor for Cardiovascular Diseases. Journal of Biomedicine and Translational Research, 2020, 6, 101-109.	0.2	3
44	Evidence for Urate Uptake Through Monocarboxylate Transporter 9 Expressed in Mammalian Cells and Its Enhancement by Heat Shock. Circulation Reports, 2020, 2, 425-432.	1.0	2
45	Novel inhibitory effects of dotinurad, a selective urate reabsorption inhibitor, on urate crystal-induced activation of NLRP3 inflammasomes in macrophages. Vascular Failure, 2020, 3, 59-67.	0.2	4
46	Gout, Hyperuricemia, and Crystalâ€Associated Disease Network Consensus Statement Regarding Labels and Definitions for Disease Elements in Gout. Arthritis Care and Research, 2019, 71, 427-434.	3.4	73
47	Obesity causes renal mitochondrial dysfunction and energy imbalance and accelerates chronic kidney disease in mice. American Journal of Physiology - Renal Physiology, 2019, 317, F941-F948.	2.7	32
48	Xanthine Oxidase Inhibitor Withdrawal Syndrome? Comment on the Article by Choi et al. Arthritis and Rheumatology, 2019, 71, 1966-1967.	5.6	15
49	The case for uric acid-lowering treatment in patients with hyperuricaemia and CKD. Nature Reviews Nephrology, 2019, 15, 767-775.	9.6	122
50	Renal hyperfiltration defined by high estimated glomerular filtration rate: A risk factor for cardiovascular disease and mortality. Diabetes, Obesity and Metabolism, 2019, 21, 2368-2383.	4.4	56
51	A journey from microenvironment to macroenvironment: the role of metaflammation and epigenetic changes in cardiorenal disease. CKJ: Clinical Kidney Journal, 2019, 12, 861-870.	2.9	14
52	Ezetimibe Lipid-Lowering Trial on Prevention of Atherosclerotic Cardiovascular Disease in 75 or Older (EWTOPIA 75). Circulation, 2019, 140, 992-1003.	1.6	132
53	Gout, Hyperuricaemia and Crystal-Associated Disease Network (G-CAN) consensus statement regarding labels and definitions of disease states of gout. Annals of the Rheumatic Diseases, 2019, 78, 1592-1600.	0.9	72
54	Î²-Adrenergic Blocker, Carvedilol, Abolishes Ameliorating Actions of Adipose-Derived Stem Cell Sheets on Cardiac Dysfunction and Remodeling After Myocardial Infarction. Circulation Journal, 2019, 83, 2282-2291.	1.6	7

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55	Serum Uric Acid is an Independent Predictor for All-Cause Death and Rehospitalization in Patients with Acute Decompensated Heart Failure: Insights from KCHF Registry. Journal of Cardiac Failure, 2019, 25, S56-S57.	1.7	0
56	The Relationship Between Fasting Blood Glucose and Hypertension. American Journal of Hypertension, 2019, 32, 1143-1145.	2.0	3
57	Fasting blood glucose is predictive of hypertension in a general Japanese population. Journal of Hypertension, 2019, 37, 167-174.	0.5	42
58	Seasonality differs by IVIG responsiveness in patients with Kawasaki disease. Pediatrics International, 2019, 61, 539-543.	0.5	10
59	The role of uric acid in mineral bone disorders in chronic kidney disease. Journal of Nephrology, 2019, 32, 709-717.	2.0	8
60	Letter by Kuwabara Regarding Article, â€œAssessment of Cardiovascular Risk in Older Patients With Gout Initiating Febuxostat Versus Allopurinol: Population-Based Cohort Studyâ€• Circulation, 2019, 139, 1348-1349.	1.6	2
61	Effects of allopurinol and febuxostat on cardiovascular mortality in elderly heart failure patients. Internal and Emergency Medicine, 2019, 14, 949-956.	2.0	25
62	Uric Acid-Induced Enhancements of Kv1.5 Protein Expression and Channel Activity via the Akt-HSF1-Hsp70 Pathway in HL-1 Atrial Myocytes. Circulation Journal, 2019, 83, 718-726.	1.6	20
63	Multilayered Interplay Between Fructose and Salt in Development of Hypertension. Hypertension, 2019, 73, 265-272.	2.7	18
64	Uric acid activates aldose reductase and the polyol pathway for endogenous fructose and fat production causing development of fatty liver in rats. Journal of Biological Chemistry, 2019, 294, 4272-4281.	3.4	78
65	High rate of calories from protein is associated with higher prevalence of hypertension. Journal of Human Hypertension, 2019, 33, 340-344.	2.2	3
66	Febuxostat Does Not Increase Allâ€Cause Mortality and Cardiovascular Mortality Compared With Placebo: Comment on the Article by Choi et al. Arthritis and Rheumatology, 2019, 71, 479-479.	5.6	1
67	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.	7.1	183
68	Fructose and sugar: A major mediator of non-alcoholic fatty liver disease. Journal of Hepatology, 2018, 68, 1063-1075.	3.7	617
69	A Web Effect: Plummer-Vinson Syndrome. American Journal of Medicine, 2018, 131, 504-505.	1.5	1
70	Disorders of Lipid Metabolism in Chronic Kidney Disease. Blood Purification, 2018, 46, 144-152.	1.8	95
71	Elevated serum uric acid increases risks for developing high LDL cholesterol and hypertriglyceridemia: A five-year cohort study in Japan. International Journal of Cardiology, 2018, 261, 183-188.	1.7	95
72	LDL-oxidation, serum uric acid, kidney function and pulse-wave velocity: Data from the Brisighella Heart Study cohort. International Journal of Cardiology, 2018, 261, 204-208.	1.7	44

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73	Low body mass index correlates with low left ventricular mass index in patients with severe anorexia nervosa. Heart and Vessels, 2018, 33, 89-93.	1.2	12
74	Uric Acid Is a Strong Risk Marker for Developing Hypertension From Prehypertension. Hypertension, 2018, 71, 78-86.	2.7	159
75	Pretreatment with topiroxostat and irbesartan improves cardiac function after myocardial infarction in rats. Vascular Failure, 2018, 2, 74-79.	0.2	0
76	Fructose increases risk for kidney stones: potential role in metabolic syndrome and heat stress. BMC Nephrology, 2018, 19, 315.	1.8	39
77	A Critical Review of Nebivolol and its Fixed-Dose Combinations in the Treatment of Hypertension. Drugs, 2018, 78, 1783-1790.	10.9	11
78	Gender Difference in the Association Between Uric Acid and Atrial Fibrillation. Circulation Journal, 2018, 83, 27-29.	1.6	5
79	Acute effects of salt on blood pressure are mediated by serum osmolality. Journal of Clinical Hypertension, 2018, 20, 1447-1454.	2.0	27
80	Protective Effects of Topiroxostat on an Ischemia-Reperfusion Model of Rat Hearts. Circulation Journal, 2018, 82, 1101-1111.	1.6	13
81	Different effects of global osteopontin and macrophage osteopontin in glomerular injury. American Journal of Physiology - Renal Physiology, 2018, 315, F759-F768.	2.7	15
82	Febuxostat Therapy for Patients With Stage 3 CKD and Asymptomatic Hyperuricemia: A Randomized Trial. American Journal of Kidney Diseases, 2018, 72, 798-810.	1.9	244
83	Isolated Cardiac Sarcoidosis Presenting with Stroke. Korean Circulation Journal, 2018, 48, 236.	1.9	2
84	Salt Intake and Immunity. Hypertension, 2018, 72, 19-23.	2.7	34
85	Experimental heat stress nephropathy and liver injury are improved by allopurinol. American Journal of Physiology - Renal Physiology, 2018, 315, F726-F733.	2.7	36
86	The effects of early intravenous immunoglobulin therapy for Kawasaki disease: The 22nd nationwide survey in Japan. International Journal of Cardiology, 2018, 269, 334-338.	1.7	25
87	Rehydration with fructose worsens dehydration-induced renal damage. BMC Nephrology, 2018, 19, 180.	1.8	12
88	Uric Acid and Hypertension Because of Arterial Stiffness. Hypertension, 2018, 72, 582-584.	2.7	27
89	Light wine consumption is associated with a lower odd for cardiovascular disease in chronic kidney disease. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 1133-1139.	2.6	20
90	Increased Serum Uric Acid over five years is a Risk Factor for Developing Fatty Liver. Scientific Reports, 2018, 8, 11735.	3.3	31

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91	Different Risk for Hypertension, Diabetes, Dyslipidemia, and Hyperuricemia According to Level of Body Mass Index in Japanese and American Subjects. Nutrients, 2018, 10, 1011.	4.1	113
92	Liver Cirrhosis and/or Hepatocellular Carcinoma Occurring Late After the Fontan Procedureã€€â€• A Nationwide Survey in Japan â€•. Circulation Journal, 2018, 82, 1155-1160.	1.6	42
93	Ketohexokinase C blockade ameliorates fructose-induced metabolic dysfunction in fructose-sensitive mice. Journal of Clinical Investigation, 2018, 128, 2226-2238.	8.2	89
94	Effects of Irbesartan on Uric Acid Metabolism in Patients with Treated Essential Hypertension. Vascular Failure, 2018, 2, 11-19.	0.2	0
95	Differences in caregiver daily impression by sex, education and career length. Geriatrics and Gerontology International, 2017, 17, 410-415.	1.5	4
96	Low frequency of toothbrushing practices is an independent risk factor for diabetes mellitus in male and dyslipidemia in female: A large-scale, 5-year cohort study in Japan. Journal of Cardiology, 2017, 70, 107-112.	1.9	27
97	Role of fructose and fructokinase in acute dehydration-induced vasopressin gene expression and secretion in mice. Journal of Neurophysiology, 2017, 117, 646-654.	1.8	44
98	Dietary and commercialized fructose: Sweet or sour?. International Urology and Nephrology, 2017, 49, 1611-1620.	1.4	25
99	Asymptomatic Hyperuricemia Without Comorbidities Predicts Cardiometabolic Diseases. Hypertension, 2017, 69, 1036-1044.	2.7	160
100	Effects of exogenous desmopressin on a model of heat stress nephropathy in mice. American Journal of Physiology - Renal Physiology, 2017, 312, F418-F426.	2.7	31
101	Uric Acid and Left Ventricular Hypertrophy: A Potentially New Modifiable Target?. American Journal of Hypertension, 2017, 30, 229-231.	2.0	5
102	Elevated Serum Uric Acid Level Predicts Rapid Decline in Kidney Function. American Journal of Nephrology, 2017, 45, 330-337.	3.1	57
103	â€œMetabolically Healthyâ€•Obesity and Hyperuricemia Increase Risk for Hypertension and Diabetes: 5â€year Japanese Cohort Study. Obesity, 2017, 25, 1997-2008.	3.0	53
104	Hyperuricemia is an independent competing risk factor for atrial fibrillation. International Journal of Cardiology, 2017, 231, 137-142.	1.7	85
105	Tbx18-positive cells differentiated from murine ES cells serve as proepicardial progenitors to give rise to vascular smooth muscle cells and fibroblasts . Biomedical Research, 2017, 38, 229-238.	0.9	8
106	Increased Serum Sodium and Serum Osmolarity Are Independent Risk Factors for Developing Chronic Kidney Disease; 5 Year Cohort Study. PLoS ONE, 2017, 12, e0169137.	2.5	49
107	Prevalence and complications of hypouricemia in a general population: A large-scale cross-sectional study in Japan. PLoS ONE, 2017, 12, e0176055.	2.5	42
108	Hyperuricemia and Atrial Fibrillation. International Heart Journal, 2016, 57, 395-399.	1.0	59

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109	Aging-associated renal disease in mice is fructokinase dependent. American Journal of Physiology - Renal Physiology, 2016, 311, F722-F730.	2.7	30
110	Hyperuricemia Plays Pivotal Role in Progression of Kidney Disease. Circulation Journal, 2016, 80, 1710-1711.	1.6	8
111	Association between toothbrushing and risk factors for cardiovascular disease: a large-scale, cross-sectional Japanese study. BMJ Open, 2016, 6, e009870.	1.9	27
112	Effects of Uric Acid on the NO Production of HUVECs and its Restoration by Urate Lowering Agents. Drug Research, 2016, 66, 270-274.	1.7	48
113	Effect of Antihypertensive Drugs on Uric Acid Metabolism in Patients with Hypertension: Cross-Sectional Cohort Study. Drug Research, 2016, 66, 628-632.	1.7	27
114	Depletion of Uric Acid Due to SLC22A12 (URAT1) Loss-of-Function Mutation Causes Endothelial Dysfunction in Hypouricemia. Circulation Journal, 2015, 79, 1125-1132.	1.6	89
115	Cardiac Lesions and Initial Laboratory Data in Kawasaki Disease: a Nationwide Survey in Japan. Journal of Epidemiology, 2015, 25, 189-193.	2.4	41
116	Stabilization of Kv1.5 channel protein by the inotropic agent olprinone. European Journal of Pharmacology, 2015, 765, 488-494.	3.5	3
117	Hyperuricemia, Cardiovascular Disease, and Hypertension. Pulse, 2015, 3, 242-252.	1.9	100
118	The Total Urine Protein-to-Creatinine Ratio Can Predict the Presence of Microalbuminuria. PLoS ONE, 2014, 9, e91067.	2.5	19
119	Effects of azelnidipine on uric acid metabolism in patients with essential hypertension. Clinical and Experimental Hypertension, 2014, 36, 447-453.	1.3	9
120	Effect of losartan and benzbromarone on the level of human urate transporter 1 mRNA. Drug Research, 2014, 64, 103-103.	1.7	0
121	Relationship between serum uric acid levels and hypertension among Japanese individuals not treated for hyperuricemia and hypertension. Hypertension Research, 2014, 37, 785-789.	2.7	99
122	HYPERURICEMIA IS AN INDEPENDENT RISK FACTOR OF ATRIAL FIBRILLATION. Journal of the American College of Cardiology, 2014, 63, A469.	2.8	2
123	The effect of febuxostat to prevent a further reduction in renal function of patients with hyperuricemia who have never had gout and are complicated by chronic kidney disease stage 3: study protocol for a multicenter randomized controlled study. Trials, 2014, 15, 26.	1.6	58
124	A comparative study on the effectiveness of losartan/hydrochlorothiazide and telmisartan/hydrochlorothiazide in patients with hypertension. Clinical and Experimental Hypertension, 2014, 36, 251-257.	1.3	8
125	Early Introduction of Mild Therapeutic Hypothermia and Prompt PCI Can Provide Good Outcome in Patient with STEMI and PCAS. Journal of Cardiac Failure, 2011, 17, S165.	1.7	0
126	Enhancing effects of salicylate on quinidine-induced block of human wild type and LQT3 related mutant cardiac Na+ channels. Biomedical Research, 2011, 32, 303-312.	0.9	0

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127	A Case of Idiopathic Ventricular Fibrillation Triggered by Premature Ventricular Contraction Originating from Right Ventricular Outflow Tract. Journal of Arrhythmia, 2011, 27, PE4_120.	1.2	0
128	The Prevalence of Atrial Fibrillation in Japan. Journal of Arrhythmia, 2011, 27, PE4_002.	1.2	0
129	Short Term Changes in ECG Waveforms as a Potential Predictor of the Onset of Atrial Fibrillation, Whether Predictable or Not?. Journal of Arrhythmia, 2011, 27, PJ2_003.	1.2	0
130	Effect of losartan and benzbromarone on the level of human urate transporter 1 mRNA. Arzneimittelforschung, 2010, 60, 186-188.	0.4	9