

Tamaki Sasaki

List of Publications by Year in descending order

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62
papers

2,132
citations

236925

25
h-index

223800

46
g-index

67
all docs

67
docs citations

67
times ranked

2977
citing authors

#	ARTICLE	IF	CITATIONS
1	NAD(P)H oxidase and uncoupled nitric oxide synthase are major sources of glomerular superoxide in rats with experimental diabetic nephropathy. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, F1144-F1152.	2.7	304
2	Amelioration of progressive renal injury by genetic manipulation of <i>Klotho</i> gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2331-2336.	7.1	220
3	Evaluation of Glomerular Hemodynamic Function by Empagliflozin in Diabetic Mice Using In Vivo Imaging. <i>Circulation</i> , 2019, 140, 303-315.	1.6	202
4	A Novel Free Radical Scavenger, Edarabone, Protects Against Cisplatin-Induced Acute Renal Damage in Vitro and in Vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 305, 1183-1190.	2.5	134
5	Japan Renal Biopsy Registry: the first nationwide, web-based, and prospective registry system of renal biopsies in Japan. <i>Clinical and Experimental Nephrology</i> , 2011, 15, 493-503.	1.6	127
6	Japan Renal Biopsy Registry and Japan Kidney Disease Registry: Committee Report for 2009 and 2010. <i>Clinical and Experimental Nephrology</i> , 2013, 17, 155-173.	1.6	111
7	Angiotensin II type 1 receptor blocker ameliorates uncoupled endothelial nitric oxide synthase in rats with experimental diabetic nephropathy. <i>Nephrology Dialysis Transplantation</i> , 2008, 23, 3806-3813.	0.7	103
8	Renal disease in the elderly and the very elderly Japanese: analysis of the Japan Renal Biopsy Registry (J-RBR). <i>Clinical and Experimental Nephrology</i> , 2012, 16, 903-920.	1.6	91
9	Tonsillectomy and steroid pulse (TSP) therapy for patients with IgA nephropathy: a nationwide survey of TSP therapy in Japan and an analysis of the predictive factors for resistance to TSP therapy. <i>Clinical and Experimental Nephrology</i> , 2009, 13, 460-466.	1.6	68
10	Selective estrogen receptor modulation attenuates proteinuria-induced renal tubular damage by modulating mitochondrial oxidative status. <i>Kidney International</i> , 2013, 83, 662-673.	5.2	58
11	Excess aldosterone is a critical danger signal for inflammasome activation in the development of renal fibrosis in mice. <i>FASEB Journal</i> , 2015, 29, 3899-3910.	0.5	57
12	Implication of Peritubular Capillary Loss and Altered Expression of Vascular Endothelial Growth Factor in IgA Nephropathy. <i>Nephron Physiology</i> , 2006, 102, p9-p16.	1.2	38
13	Infiltration of M1, but not M2, macrophages is impaired after unilateral ureter obstruction in Nrf2-deficient mice. <i>Scientific Reports</i> , 2017, 7, 8801.	3.3	38
14	Olmesartan Ameliorates Renovascular Injury and Oxidative Stress in Zucker Obese Rats Enhanced by Dietary Protein. <i>American Journal of Hypertension</i> , 2007, 20, 1085-1091.	2.0	37
15	<i>In Vivo</i> Visualization of Glomerular Microcirculation and Hyperfiltration in Streptozotocin-Induced Diabetic Rats. <i>Microcirculation</i> , 2010, 17, 103-112.	1.8	35
16	Blockade of serotonin 2A receptor improves glomerular endothelial function in rats with streptozotocin-induced diabetic nephropathy. <i>Clinical and Experimental Nephrology</i> , 2008, 12, 119-125.	1.6	34
17	Mitochondrial damage-induced impairment of angiogenesis in the aging rat kidney. <i>Laboratory Investigation</i> , 2011, 91, 190-202.	3.7	33
18	Activation of endothelial NAD(P)H oxidase accelerates early glomerular injury in diabetic mice. <i>Laboratory Investigation</i> , 2016, 96, 25-36.	3.7	33

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19	Maintenance of Endothelial Guanosine Triphosphate Cyclohydrolase I Ameliorates Diabetic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1139-1150.	6.1	31
20	Klotho attenuates renal hypertrophy and glomerular injury in <i>Ins2Akita</i> diabetic mice. <i>Clinical and Experimental Nephrology</i> , 2016, 20, 671-678.	1.6	30
21	Telmisartan improves endothelial dysfunction and renal autoregulation in Dahl salt-sensitive rats. <i>Hypertension Research</i> , 2010, 33, 135-142.	2.7	29
22	Endothelial dysfunction promotes the transition from compensatory renal hypertrophy to kidney injury after unilateral nephrectomy in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, F1402-F1408.	2.7	29
23	The eNOS-NO pathway attenuates kidney dysfunction via suppression of inflammasome activation in aldosterone-induced renal injury model mice. <i>PLoS ONE</i> , 2018, 13, e0203823.	2.5	28
24	Bardoxolone methyl analog attenuates proteinuria-induced tubular damage by modulating mitochondrial function. <i>FASEB Journal</i> , 2019, 33, 12253-12263.	0.5	28
25	5-aminolevulinic acid exerts renoprotective effect via Nrf2 activation in murine rhabdomyolysis-induced acute kidney injury. <i>Nephrology</i> , 2019, 24, 28-38.	1.6	26
26	Overexpression of klotho protein modulates uninephrectomy-induced compensatory renal hypertrophy by suppressing IGF-I signals. <i>Biochemical and Biophysical Research Communications</i> , 2011, 407, 39-43.	2.1	25
27	Efficacy of low-dose tacrolimus added to methotrexate in patients with rheumatoid arthritis in Japan: a retrospective study. <i>Modern Rheumatology</i> , 2008, 18, 379-384.	1.8	22
28	Roxadustat and thyroid-stimulating hormone suppression. <i>CKJ: Clinical Kidney Journal</i> , 2021, 14, 1472-1474.	2.9	19
29	Reactive oxygen species mediate compensatory glomerular hypertrophy in rat uninephrectomized kidney. <i>Journal of Physiological Sciences</i> , 2009, 59, 397-404.	2.1	18
30	Klotho is a novel therapeutic target in peritoneal fibrosis via Wnt signaling inhibition. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 773-781.	0.7	18
31	Effect of zinc deficiency on chronic kidney disease progression and effect modification by hypoalbuminemia. <i>PLoS ONE</i> , 2021, 16, e0251554.	2.5	15
32	Relationship between vascular function indexes, renal arteriosclerosis, and renal clinical outcomes in chronic kidney disease. <i>Nephrology</i> , 2015, 20, 585-590.	1.6	12
33	Deficiency of endothelial nitric oxide signaling pathway exacerbates peritoneal fibrosis in mice. <i>Clinical and Experimental Nephrology</i> , 2015, 19, 567-575.	1.6	11
34	Impact of heavy rains of 2018 in western Japan: disaster-induced health outcomes among the population of Innoshima Island. <i>Heliyon</i> , 2020, 6, e03942.	3.2	11
35	Comparison of Combination Therapy of Olmesartan plus Azelnidipine or Hydrochlorothiazide on Renal and Vascular Damage in SHR/NDmcr-cp Rats. <i>Kidney and Blood Pressure Research</i> , 2011, 34, 87-96.	2.0	10
36	Non-purine selective xanthine oxidase inhibitor ameliorates glomerular endothelial injury in <i>Ins2Akita</i> diabetic mice. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, F765-F772.	2.7	9

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37	Expression of the fibroblast growth factor receptor 1 α genes in glomeruli in anti-Thy1.1 mesangial proliferative glomerulonephritis. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 1999, 435, 501-508.	2.8	6
38	Prevalence of gastroesophageal reflux disease symptoms and effects of esomeprazole on the quality of life related to reflux and dyspepsia in patients on maintenance hemodialysis. <i>Clinical and Experimental Nephrology</i> , 2016, 20, 134-142.	1.6	6
39	Abdominal pain as the initial presentation of Takayasu arteritis. <i>Modern Rheumatology</i> , 2008, 18, 496-498.	1.8	4
40	A case of Vogt-Koyanagi-Harada disease that developed relapsing polychondritis. <i>Modern Rheumatology</i> , 2005, 15, 204-206.	1.8	3
41	Bilateral ureteral stenosis as a complication of Henoch-Schönlein vasculitis. <i>Modern Rheumatology</i> , 2008, 18, 422-424.	1.8	3
42	Co-occurrence of poststreptococcal reactive arthritis and acute glomerulonephritis. <i>Modern Rheumatology</i> , 2008, 18, 526-528.	1.8	3
43	Feasibility of fluorescence energy transfer system for imaging the renoprotective effects of aliskiren in diabetic mice. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2016, 17, 147032031562570.	1.7	2
44	Endothelial Dysfunction Accelerates Impairment of Mitochondrial Function in Ageing Kidneys via Inflammasome Activation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9269.	4.1	2
45	A CASE OF ACUTE ARTERIAL OBSTRUCTION IN WHICH MNMS WAS SUCCESSFULLY PREVENTED BY HEMOFILTRATION THROUGH THE AFFECTED LIMB DURING OPERATION. <i>The Journal of the Japanese Practical Surgeon Society</i> , 1997, 58, 2449-2453.	0.0	2
46	An ultrastructural study of rat glomerular epithelial cells in culture. <i>Medical Electron Microscopy: Official Journal of the Clinical Electron Microscopy Society of Japan</i> , 1994, 27, 49-53.	1.8	1
47	P0089KEAP1/NRF2 PATHWAY REGULATES GFR BY INCREASING THE GLOMERULAR EFFECTIVE AREA WITHOUT AFFECTING THE AFFERENT/EFFERENT ARTERIOLE RATIO. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, .	0.7	1
48	A rare case of amyloid light-chain amyloidosis with bilateral perirenal hematoma shortly after initiation of peritoneal dialysis. <i>CEN Case Reports</i> , 2021, 10, 326-331.	0.9	1
49	Renal cell carcinoma sharply captured by imaging technology at an early stage in a hemodialysis patient: Usefulness of noninvasive monochrome superb microvascular imaging. <i>Hemodialysis International</i> , 2021, 25, E26.	0.9	1
50	A case of pleuroperitoneal communication during long-term steroid therapy for dermatomyositis. <i>Peritoneal Dialysis International</i> , 2022, , 089686082210884.	2.3	1
51	Kinetic study of glomerular epithelial cells associated with segmental glomerular sclerotic lesions with adhesion in spontaneously diabetic WBN/Kob rats. <i>Clinical and Experimental Nephrology</i> , 1997, 1, 32-40.	1.6	0
52	Spontaneous glomerular deposition of immunoglobulins for ACE (Angiotensin Converting Enzyme) induces spontaneous nephropathy in diabetogenic rats. <i>Nature Precedings</i> , 2009, , .	0.1	0
53	FP407EVALUATION OF THE GLOMERULAR HEMODYNAMICS BY THE SGLT2 INHIBITOR EMPAGLIFLOZIN USING IN VIVO IMAGING. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i173-i173.	0.7	0
54	SP433Investigation of the suppressive effects of an SGLT2 inhibitor on glomerular hyperfiltration and oxidative stress in mice with diabetic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, .	0.7	0

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55	FP570 Implication of inflammasome activation in the development of peritoneal fibrosis. Nephrology Dialysis Transplantation, 2019, 34, .	0.7	0
56	SO021 EFFECTS OF SODIUM-GLUCOSE COTRANSPORTER 2 INHIBITOR, CANAGLIFLOZIN ON GLOMERULAR HYPERFILTRATION AND OXIDATIVE STRESS IN MICE WITH TYPE 2 DIABETES. Nephrology Dialysis Transplantation, 2020, 35, .	0.7	0
57	SO022 EVALUATION OF GLOMERULAR HEMODYNAMIC CHANGES BY SGLT2 INHIBITION IN TYPE 2 DIABETIC RATS USING IN VIVO IMAGING TECHNIQUES. Nephrology Dialysis Transplantation, 2020, 35, .	0.7	0
58	Acute bleeding tendency caused by chitin-chitosan preparation in a hemodialysis patient. Nihon Toseki Igakkai Zasshi, 2006, 39, 1197-1201.	0.1	0
59	Trial of bicarbonate replacement solution alone in hemofiltration of two patients with unstable hemodynamics.. Nihon Toseki Igakkai Zasshi, 1995, 28, 1467-1473.	0.1	0
60	A case of tumoral calcinosis complicated by infection during maintenance hemodialysis.. Nihon Toseki Igakkai Zasshi, 1995, 28, 351-355.	0.1	0
61	The relationship between arterial blood gas analysis and prognosis in paraquat poisoning.. Nihon Toseki Igakkai Zasshi, 1999, 32, 345-347.	0.1	0
62	A case of high venous pressure caused by buttonhole puncture using a painless needle with side lumens. Nihon Toseki Igakkai Zasshi, 2018, 51, 289-293.	0.1	0