

Akihiro Tojo

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,543
citations

236925

25
h-index

189892

50
g-index

61
all docs

61
docs citations

61
times ranked

2803
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative stress and nitric oxide synthase in rat diabetic nephropathy: Effects of ACEI and ARB. <i>Kidney International</i> , 2002, 61, 186-194.	5.2	340
2	Effects of NADPH oxidase inhibitor in diabetic nephropathy. <i>Kidney International</i> , 2005, 67, 1890-1898.	5.2	266
3	Mechanisms of Glomerular Albumin Filtration and Tubular Reabsorption. <i>International Journal of Nephrology</i> , 2012, 2012, 1-9.	1.3	165
4	Reduced albumin reabsorption in the proximal tubule of early-stage diabetic rats. <i>Histochemistry and Cell Biology</i> , 2001, 116, 269-276.	1.7	132
5	Roles of NO and oxygen radicals in tubuloglomerular feedback in SHR. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 278, F769-F776.	2.7	121
6	Angiotensin II and Oxidative Stress in Dahl Salt-Sensitive Rat With Heart Failure. <i>Hypertension</i> , 2002, 40, 834-839.	2.7	98
7	Suppressing renal NADPH oxidase to treat diabetic nephropathy. <i>Expert Opinion on Therapeutic Targets</i> , 2007, 11, 1011-1018.	3.4	95
8	Endogenous Adrenomedullin Protects Against Vascular Response to Injury in Mice. <i>Circulation</i> , 2004, 109, 1147-1153.	1.6	87
9	Expression of NG,NG-Dimethylarginine Dimethylaminohydrolase and Protein Arginine N-Methyltransferase Isoforms in Diabetic Rat Kidney. <i>Diabetes</i> , 2008, 57, 172-180.	0.6	87
10	Dual blockade of aldosterone and angiotensin II additively suppresses TGF- β and NADPH oxidase in the hypertensive kidney. <i>Nephrology Dialysis Transplantation</i> , 2007, 22, 1314-1322.	0.7	80
11	Role of Endogenous Adrenomedullin in the Regulation of Vascular Tone and Ischemic Renal Injury. <i>Circulation Research</i> , 2002, 90, 657-663.	4.5	79
12	Angiotensin II Blockade Restores Albumin Reabsorption in the Proximal Tubules of Diabetic Rats. <i>Hypertension Research</i> , 2003, 26, 413-419.	2.7	74
13	Expression of Immunoreactive Nitric Oxide Synthase Isoforms in Rat Kidney. Effects of Dietary Salt and Losartan. <i>International Heart Journal</i> , 1995, 36, 389-398.	0.6	70
14	Effects of Tetrahydrobiopterin on Endothelial Dysfunction in Rats with Ischemic Acute Renal Failure. <i>Journal of the American Society of Nephrology: JASN</i> , 2000, 11, 301-309.	6.1	69
15	Localization of Inward Rectifier Potassium Channel Kir7.1 in the Basolateral Membrane of Distal Nephron and Collecting Duct. <i>Journal of the American Society of Nephrology: JASN</i> , 2000, 11, 1987-1994.	6.1	68
16	Selective albuminuria via podocyte albumin transport in puromycin nephrotic rats is attenuated by an inhibitor of NADPH oxidase. <i>Kidney International</i> , 2011, 80, 1328-1338.	5.2	64
17	Anti-carbonic anhydrase II antibody in autoimmune pancreatitis and tubulointerstitial nephritis. <i>Nephrology Dialysis Transplantation</i> , 2007, 22, 1273-1275.	0.7	54
18	Radical scavenging effect of gliclazide in diabetic rats fed with a high cholesterol diet. <i>Kidney International</i> , 2004, 65, 951-960.	5.2	53

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19	Antioxidative effect of p38 mitogen-activated protein kinase inhibitor in the kidney of hypertensive rat. <i>Journal of Hypertension</i> , 2005, 23, 165-174.	0.5	43
20	Regulation by 1 α ,25-dihydroxyvitamin D ₃ of expression of stanniocalcin messages in the rat kidney and ovary. <i>FEBS Letters</i> , 1999, 459, 119-122.	2.8	40
21	Glomerular albumin filtration through podocyte cell body in puromycin aminonucleoside nephrotic rat. <i>Medical Molecular Morphology</i> , 2008, 41, 92-98.	1.0	38
22	Distribution of postsynaptic density proteins in rat kidney: Relationship to neuronal nitric oxide synthase. <i>Kidney International</i> , 1999, 55, 1384-1394.	5.2	30
23	Detection of myeloperoxidase in membranous nephropathy-like deposits in patients with anti-neutrophil cytoplasmic antibody-associated glomerulonephritis. <i>Human Pathology</i> , 2011, 42, 649-658.	2.0	29
24	Effects of Manidipine Hydrochloride on the Renal Microcirculation in Spontaneously Hypertensive Rats. <i>Journal of Cardiovascular Pharmacology</i> , 1992, 20, 895-899.	1.9	28
25	Role of macula densa neuronal nitric oxide synthase in renal diseases. <i>Medical Molecular Morphology</i> , 2006, 39, 2-7.	1.0	26
26	Application of low-vacuum scanning electron microscopy for renal biopsy specimens. <i>Pathology Research and Practice</i> , 2012, 208, 503-509.	2.3	26
27	Repeated Subileus due to Angioedema During Renin-Angiotensin System Blockade. <i>American Journal of the Medical Sciences</i> , 2006, 332, 36-38.	1.1	21
28	Nitric oxide generated by nNOS in the macula densa regulates the afferent arteriolar diameter in rat kidney. <i>Medical Electron Microscopy: Official Journal of the Clinical Electron Microscopy Society of Japan</i> , 2004, 37, 236-241.	1.8	19
29	Renal Cell Carcinoma in Association With IgA Nephropathy in the Elderly. <i>American Journal of the Medical Sciences</i> , 2009, 338, 431-432.	1.1	18
30	Effect of Trichlormethiazide and Captopril on Nitric Oxide Synthase Activity in the Kidney of Deoxycorticosterone Acetate-salt Hypertensive Rats.. <i>International Heart Journal</i> , 1996, 37, 251-259.	0.6	17
31	Variations in renal arteriolar diameter in deoxycorticosterone acetate-salt hypertensive rats. <i>Virchows Archiv A, Pathological Anatomy and Histopathology</i> , 1990, 417, 389-393.	1.4	16
32	The role of the kidney in protein metabolism: the capacity of tubular lysosomal proteolysis in nephrotic syndrome. <i>Kidney International</i> , 2013, 84, 861-863.	5.2	16
33	Angiotensin receptor blocker telmisartan suppresses renal gluconeogenesis during starvation. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2015, 8, 103.	2.4	16
34	<i>Eucommia ulmoides</i> (Tochu) and its extract geniposidic acid reduced blood pressure and improved renal hemodynamics. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111901.	5.6	16
35	Rituximab in treatment of anti-GBM antibody glomerulonephritis. <i>Medicine (United States)</i> , 2019, 98, e17801.	1.0	15
36	Immunomodulation with eicosapentaenoic acid supports the treatment of autoimmune small-vessel vasculitis. <i>Scientific Reports</i> , 2014, 4, 6406.	3.3	14

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37	A local renal renin–angiotensin system activation via renal uptake of prorenin and angiotensinogen in diabetic rats. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2016, 9, 1.	2.4	14
38	Role of NADPH Oxidase in Hypertension and Diabetic Nephropathy. <i>Current Hypertension Reviews</i> , 2005, 1, 15-20.	0.9	12
39	Enhanced podocyte vesicle transport in the nephrotic rat. <i>Medical Molecular Morphology</i> , 2017, 50, 86-93.	1.0	11
40	Mechanism Underlying Selective Albuminuria in Minimal Change Nephrotic Syndrome. <i>International Journal of Nephrology</i> , 2019, 2019, 1-8.	1.3	10
41	V-ATPase blockade reduces renal gluconeogenesis and improves insulin secretion in type 2 diabetic rats. <i>Hypertension Research</i> , 2020, 43, 1079-1088.	2.7	8
42	Silver-enhanced immunogold scanning electron microscopy using vibratome sections of rat kidneys: detection of albumin filtration and reabsorption. <i>Medical Molecular Morphology</i> , 2010, 43, 218-225.	1.0	7
43	The Role of Adrenomedullin in the Renal NADPH Oxidase and (Pro)renin in Diabetic Mice. <i>Journal of Diabetes Research</i> , 2013, 2013, 1-8.	2.3	7
44	Silent Lupus Nephritis with Fingerprint Deposits.. <i>Internal Medicine</i> , 1993, 32, 323-326.	0.7	6
45	H+-ATPase blockade reduced renal gluconeogenesis and plasma glucose in a diabetic rat model. <i>Medical Molecular Morphology</i> , 2018, 51, 89-95.	1.0	6
46	Spironolactone with ACE inhibitor is effective in gross hematuria caused by nephroptosis. <i>International Journal of Urology</i> , 2006, 13, 990-992.	1.0	4
47	Acute Tubulointerstitial Nephritis With an Autoantibody Response Against Carbonic Anhydrase II. <i>American Journal of the Medical Sciences</i> , 2013, 345, 407-408.	1.1	4
48	Paraneoplastic Glomerulopathy Associated with Renal Cell Carcinoma. , 0, , .		4
49	Analysis of purple urine bag syndrome by low vacuum scanning electron microscopy. <i>Medical Molecular Morphology</i> , 2022, 55, 123-130.	1.0	4
50	Phospholipase <sc>A</sc>2 receptor positive membranous nephropathy long after living donor kidney transplantation between identical twins. <i>Nephrology</i> , 2015, 20, 101-104.	1.6	3
51	The reduced expression of proximal tubular transporters in acquired Fanconi syndrome with Î² light chain deposition. <i>Medical Molecular Morphology</i> , 2016, 49, 48-52.	1.0	3
52	Urinary phagocytic macrophages in hemophagocytic lymphohistiocytosis. <i>Kidney International</i> , 2016, 90, 908.	5.2	2
53	Electron microscopy of urinary sediments in FabryÂdisease. <i>Kidney International</i> , 2018, 94, 834.	5.2	2
54	Diurnal Variation of Blood Pressure in Patients with Salt Sensitive Hypertension.. <i>Hypertension Research</i> , 1993, 16, 233-237.	2.7	2

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55	AL-Kappa Primary Amyloidosis with Apolipoprotein A-IV Deposition. Internal Medicine, 2022, 61, 871-876.	0.7	2
56	Decreased Podocyte Vesicle Transcytosis and Albuminuria in APC C-Terminal Deficiency Mice with Puromycin-Induced Nephrotic Syndrome. International Journal of Molecular Sciences, 2021, 22, 13412.	4.1	1
57	Urinary Podocyte Excretion Predicts Urinary Protein Selectivity and Renal Prognosis. International Journal of Nephrology, 2022, 2022, 1-11.	1.3	1
58	Hypertensive renal damage: Modulation expression of smooth muscle myosin heavy chain isoforms. Nephrology, 1997, 3, 251-259.	1.6	0
59	Doppler ultrasonography and hypertensive target organ damage. Anatolian Journal of Cardiology, 2013, 14, 16-7.	0.4	0
60	Scleroderma renal crisis with pericardial effusion. Nihon Toseki Igakkai Zasshi, 2011, 44, 455-461.	0.1	0