Shigeru Shibata

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5682617/publications.pdf

Version: 2024-02-01

88	3,448	270111	162838
papers	citations	25 h-index	57 g-index

89	89	89	3903
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hyperkalemia in patients undergoing hemodialysis: Its pathophysiology and management. Therapeutic Apheresis and Dialysis, 2022, 26, 3-14.	0.4	7
2	Xanthine Oxidoreductase Inhibitors Suppress the Onset of Exercise-Induced AKI in High HPRT Activity Urat1-Uox Double Knockout Mice. Journal of the American Society of Nephrology: JASN, 2022, 33, 326-341.	3.0	12
3	Thermoreceptor TRPV1 regulates body weight and blood pressure in the absence of thermogenin. Hypertension Research, 2022, , .	1.5	1
4	Selenium Associates With Response to Erythropoiesis-Stimulating Agents in Hemodialysis Patients. Kidney International Reports, 2022, 7, 1565-1574.	0.4	5
5	A Patient with Acute Kidney Injury Associated with Massive Proteinuria and Acute Hyperuricemia after Epileptic Seizures. Internal Medicine, 2022, , .	0.3	0
6	Pyuria without Casts and Bilateral Kidney Enlargement Are Probable Hallmarks of Severe Acute Kidney Injury Induced by Acute Pyelonephritis: A Case Report and Literature Review. Internal Medicine, 2021, 60, 293-298.	0.3	3
7	Activation of Rac1-Mineralocorticoid Receptor Pathway Contributes to Renal Injury in Salt-Loadeddb/dbMice. Hypertension, 2021, 78, 82-93.	1.3	24
8	Characterization of pendrin in urinary extracellular vesicles in a rat model of aldosterone excess and in human primary aldosteronism. Hypertension Research, 2021, 44, 1557-1567.	1.5	16
9	Updates on Reninâ€“Angiotensin System Blockers in Hypertensive Patients With COVID-19. American Journal of Hypertension, 2021, , .	1.0	4
10	A novel I551F variant of Na+/HCO3- cotransporter NBCe1-A shows reduced cell surface expression, resulting in diminished transport activity. American Journal of Physiology - Renal Physiology, 2021, 321, F771-F784.	1.3	0
11	Melinjo seed extract stimulates intestinal ABCG2 expression to reduce serum uric acid levels in hyperuricemic rats. Journal of Functional Foods, 2021, 87, 104849.	1.6	2
12	Bilateral nephromegaly due to direct leukemic cell invasion in the initial and relapse phases of T-cell acute lymphoblastic leukaemia. Medicine (United States), 2021, 100, e28391.	0.4	0
13	Urinary phosphate-containing nanoparticle contributes to inflammation and kidney injury in a salt-sensitive hypertension rat model. Communications Biology, 2020, 3, 575.	2.0	7
14	Role of the Ubiquitin Proteasome System in the Regulation of Blood Pressure: A Review. International Journal of Molecular Sciences, 2020, 21, 5358.	1.8	11
15	Hypertension and related diseases in the era of COVID-19: a report from the Japanese Society of Hypertension Task Force on COVID-19. Hypertension Research, 2020, 43, 1028-1046.	1.5	131
16	Rhabdomyolysis-induced acute kidney injury requiring hemodialysis after a prolonged immobilization at home in 2 morbidly obese women: case reports with literature review. Renal Replacement Therapy, 2020, 6, .	0.3	3
17	Cardio-renal protective effect of the xanthine oxidase inhibitor febuxostat in the 5/6 nephrectomy model with hyperuricemia. Scientific Reports, 2020, 10, 9326.	1.6	11
18	PGI2 Analog Attenuates Salt-Induced Renal Injury through the Inhibition of Inflammation and Rac1-MR Activation. International Journal of Molecular Sciences, 2020, 21, 4433.	1.8	7

#	Article	IF	Citations
19	Upregulation of renal Naâ€“Kâ€“2Cl cotransporter 2 in obese diabetes mellitus via a vasopressin receptor 2-dependent pathway. Biochemical and Biophysical Research Communications, 2020, 524, 710-715.	1.0	3
20	25(OH)D3 stimulates the expression of vitamin D target genes in renal tubular cells when Cyp27b1 is abrogated. Journal of Steroid Biochemistry and Molecular Biology, 2020, 199, 105593.	1.2	3
21	ABCG2 expression and uric acid metabolism of the intestine in hyperuricemia model rat. Nucleosides, Nucleotides and Nucleic Acids, 2020, 39, 744-759.	0.4	16
22	Perfecting a high hypoxanthine phosphoribosyltransferase activityâ€“uricase KO mice to test the effects of purineâ€•and nonâ€purineâ€type xanthine dehydrogenase (XDH) inhibitors. British Journal of Pharmacology, 2020, 177, 2274-2285.	2.7	6
23	Mineralocorticoid receptor blockade suppresses dietary salt-induced ACEI/ARB-resistant albuminuria in non-diabetic hypertension: a sub-analysis of evaluate study. Hypertension Research, 2019, 42, 514-521.	1.5	22
24	Role of Pendrin in the Pathophysiology of Aldosterone-Induced Hypertension. American Journal of Hypertension, 2019, 32, 607-613.	1.0	3
25	A Case of Rheumatoid Arthritis Presenting with Renal Thrombotic Microangiopathy Probably due to a Combination of Chronic Tacrolimus Arteriolopathy and Severe Hypertension. Case Reports in Nephrology, 2019, 2019, 1-7.	0.2	0
26	Inhibition of Sodium Glucose Cotransporter 2 Attenuates the Dysregulation of Kelch-Like 3 and NaCl Cotransporter in Obese Diabetic Mice. Journal of the American Society of Nephrology: JASN, 2019, 30, 782-794.	3.0	24
27	A Patient with MPO-ANCA-positive IgA Nephropathy Diagnosed with the Clinical Onset of Macrohematuria. Internal Medicine, 2019, 58, 2051-2056.	0.3	4
28	Phosphate binding by sucroferric oxyhydroxide ameliorates renal injury in the remnant kidney model. Scientific Reports, 2019, 9, 1732.	1.6	15
29	Calcineurin dephosphorylates Kelch-like 3, reversing phosphorylation by angiotensin II and regulating renal electrolyte handling. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3155-3160.	3.3	42
30	Group I metabotropic glutamate receptor activation induces TRPC6-dependent calcium influx and RhoA activation in cultured human kidney podocytes. Biochemical and Biophysical Research Communications, 2019, 511, 374-380.	1.0	8
31	A 91-year-old woman with severe aortic stenosis successfully underwent maintenance hemodialysis via arteriovenous fistula after transcatheter aortic valve implantation: a case report with literature review. Renal Replacement Therapy, 2019, 5, .	0.3	0
32	Electrolyte transport in the renal collecting duct and its regulation by the reninâ€“angiotensinâ€“aldosterone system. Clinical Science, 2019, 133, 75-82.	1.8	11
33	Clinicopathological Implications of Proteinuria after Long-Term Isolated Hematuria due to Thin Basement Membrane Nephropathy and Focal Segmental Glomerulosclerosis. Case Reports in Nephrology, 2019, 2019, 1-4.	0.2	0
34	A patient presenting with isolated hematuria and renal dysfunction as rare manifestation of cryoglobulinemic glomerulonephritis in the course of autoimmune diseases including SjÃ¶grenâ€™s syndrome. CEN Case Reports, 2018, 7, 211-216.	0.5	0
35	Tolvaptan for Primary Aldosteronism and Autosomal Dominant Polycystic Kidney Disease: A Case Report. Case Reports in Nephrology and Dialysis, 2018, 8, 62-69.	0.3	1
36	Time to Target Uric Acid to Retard Chronic Kidney Disease Progression. Contributions To Nephrology, 2018, 192, 56-68.	1.1	15

#	Article	IF	Citations
37	Aldosterone Is Essential for Angiotensin II-Induced Upregulation of Pendrin. Journal of the American Society of Nephrology: JASN, 2018, 29, 57-68.	3.0	26
38	Remission of Refractory Ascites and Discontinuation of Hemodialysis after Additional Rituximab to Long-term Glucocorticoid Therapy in a Patient with TAFRO Syndrome. Internal Medicine, 2018, 57, 1433-1438.	0.3	8
39	Emergence of Smoldering ANCA-associated Glomerulonephritis during the Clinical Course of Mixed Connective Tissue Disease and SjÃ¶gren's Syndrome. Internal Medicine, 2018, 57, 1757-1762.	0.3	5
40	Renin Angiotensin Aldosterone System Blockers. , 2018, , 230-241.		1
41	ULK1 Phosphorylates and Regulates Mineralocorticoid Receptor. Cell Reports, 2018, 24, 569-576.	2.9	26
42	Time to target uric acid to retard CKD progression. Clinical and Experimental Nephrology, 2017, 21, 182-192.	0.7	71
43	Phosphorylation by PKC and PKA regulate the kinase activity and downstream signaling of WNK4. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E879-E886.	3.3	47
44	30 YEARS OF THE MINERALOCORTICOID RECEPTOR: Mineralocorticoid receptor and NaCl transport mechanisms in the renal distal nephron. Journal of Endocrinology, 2017, 234, T35-T47.	1.2	49
45	Hypokalemia and Pendrin Induction by Aldosterone. Hypertension, 2017, 69, 855-862.	1.3	45
46	Renoprotective effect of topiroxostat via antioxidant activity in puromycin aminonucleoside nephrosis rats. Physiological Reports, 2017, 5, e13358.	0.7	17
47	Insulin stimulates uric acid reabsorption via regulating urate transporter 1 and ATP-binding cassette subfamily G member 2. American Journal of Physiology - Renal Physiology, 2017, 313, F826-F834.	1.3	91
48	Mineralocorticoid receptor as a therapeutic target in chronic kidney disease and hypertension. Hypertension Research, 2017, 40, 221-225.	1.5	27
49	Uric Acid in the Follow-Up Determines 30% Decline in Estimated GFR Over 2 Years: a Propensity Score Analysis. Kidney and Blood Pressure Research, 2017, 42, 1053-1067.	0.9	7
50	Clinical Presentation of Tubulointerstitial Nephritis Caused by Amyloid Light-chain Amyloidosis in a Patient with SjÃ¶gren's Syndrome. Internal Medicine, 2017, 56, 419-423.	0.3	2
51	A Rare Adult Case with Diffuse Segmental Membranous Glomerulonephritis. Internal Medicine, 2017, 56, 1691-1695.	0.3	4
52	Podocyte Injury and Albuminuria in Experimental Hyperuricemic Model Rats. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-14.	1.9	27
53	Discontinuation of Hemodialysis in a Patient with Anti-GBM Disease by the Treatment with Corticosteroids and Plasmapheresis despite Several Predictors for Dialysis-Dependence. Case Reports in Nephrology, 2017, 2017, 1-5.	0.2	1
54	Targeting gene expression to specific cells of kidney tubules in vivo, using adenoviral promoter fragments. PLoS ONE, 2017, 12, e0168638.	1.1	13

#	Article	IF	Citations
55	Unique proximal tubular cell injury and the development of acute kidney injury in adult patients with minimal change nephrotic syndrome. BMC Nephrology, 2017, 18, 339.	0.8	20
56	Potassium depletion stimulates Na-Cl cotransporter via phosphorylation and inactivation of the ubiquitin ligase Kelch-like 3. Biochemical and Biophysical Research Communications, 2016, 480, 745-751.	1.0	43
57	Pathological implications of linear immunoglobulin G staining on the glomerular capillary walls in a case of infectionâ€related glomerulonephritis. Pathology International, 2016, 66, 524-528.	0.6	0
58	Immunohistochemical and in situ hybridization study of urate transporters GLUT9/URATv1, ABCG2, and URAT1 in the murine brain. Fluids and Barriers of the CNS, 2016, 13, 22.	2.4	12
59	Proteomics Approach Identifies Factors Associated With the Response to Lowâ€Density Lipoprotein Apheresis Therapy in Patients With Steroidâ€Resistant Nephrotic Syndrome. Therapeutic Apheresis and Dialysis, 2016, 20, 174-182.	0.4	2
60	Context-dependent mechanisms modulating aldosterone signaling in the kidney. Clinical and Experimental Nephrology, 2016, 20, 663-670.	0.7	10
61	Stimulation of V1a receptor increases renal uric acid clearance via urate transporters: insight into pathogenesis of hypouricemia in SIADH. Clinical and Experimental Nephrology, 2016, 20, 845-852.	0.7	16
62	Time-dependent risk factors associated with the decline of estimated GFR in CKD patients. Clinical and Experimental Nephrology, 2016, 20, 58-70.	0.7	27
63	The Impact of Normal Range of Serum Phosphorus on the Incidence of End-Stage Renal Disease by A Propensity Score Analysis. PLoS ONE, 2016, 11, e0154469.	1.1	22
64	Predictors and the Subsequent Risk of End-Stage Renal Disease â€“ Usefulness of 30% Decline in Estimated GFR over 2 Years. PLoS ONE, 2015, 10, e0132927.	1.1	36
65	Targeting Uric Acid and the Inhibition of Progression to End-Stage Renal Diseaseâ€”A Propensity Score Analysis. PLoS ONE, 2015, 10, e0145506.	1.1	47
66	Angiotensin II signaling via protein kinase C phosphorylates Kelch-like 3, preventing WNK4 degradation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15556-15561.	3.3	77
67	Mineralocorticoid Receptor Phosphorylation Regulates Ligand Binding and Renal Response to Volume Depletion and Hyperkalemia. Cell Metabolism, 2013, 18, 660-671.	7.2	152
68	Kelch-like 3 and Cullin 3 regulate electrolyte homeostasis via ubiquitination and degradation of WNK4. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7838-7843.	3.3	209
69	Mineralocorticoid receptorâ€“Rac1 activation and oxidative stress play major roles in salt-induced hypertension and kidney injury in prepubertal rats. Journal of Hypertension, 2012, 30, 1977-1985.	0.3	33
70	The Kidney and Hypertension: Pathogenesis of Salt-Sensitive Hypertension. Current Hypertension Reports, 2012, 14, 468-472.	1.5	10
71	Mineralocorticoid receptors in the pathophysiology of chronic kidney diseases and the metabolic syndrome. Molecular and Cellular Endocrinology, 2012, 350, 273-280.	1.6	35
72	The Kidneys and Aldosterone/Mineralocorticoid Receptor System in Salt-Sensitive Hypertension. Current Hypertension Reports, 2011, 13, 109-115.	1.5	20

#	Article	IF	Citations
73	Rac1 GTPase in rodent kidneys is essential for salt-sensitive hypertension via a mineralocorticoid receptorâ€“dependent pathway. Journal of Clinical Investigation, 2011, 121, 3233-3243.	3.9	192
74	Modification of mineralocorticoid receptor function by Rac1 GTPase: implication in proteinuric kidney disease. Nature Medicine, 2008, 14, 1370-1376.	15.2	382
75	Podocyte Injury Induced by Albumin Overload in vivo and in vitro: Involvement of TGF-Beta and p38 MAPK. Nephron Experimental Nephrology, 2008, 108, e57-e68.	2.4	60
76	Salt-Induced Nephropathy in Obese Spontaneously Hypertensive Rats Via Paradoxical Activation of the Mineralocorticoid Receptor. Hypertension, 2007, 50, 877-883.	1.3	151
77	Podocyte as the Target for Aldosterone. Hypertension, 2007, 49, 355-364.	1.3	323
78	Enhanced Aldosterone Signaling in the Early Nephropathy of Rats with Metabolic Syndrome: Possible Contribution of Fat-Derived Factors. Journal of the American Society of Nephrology: JASN, 2006, 17, 3438-3446.	3.0	236
79	Fluvastatin Ameliorates Podocyte Injury in Proteinuric Rats via Modulation of Excessive Rho Signaling. Journal of the American Society of Nephrology: JASN, 2006, 17, 754-764.	3.0	108
80	Podocyte Injury Underlies the Glomerulopathy of Dahl Salt-Hypertensive Rats and Is Reversed by Aldosterone Blocker. Hypertension, 2006, 47, 1084-1093.	1.3	231
81	Expression and regulation of adrenomedullin in renal glomerular podocytes. Biochemical and Biophysical Research Communications, 2005, 330, 178-185.	1.0	24
82	Severe Interstitial Cystitis Associated with Sjoegren's Syndrome. Internal Medicine, 2004, 43, 248-252.	0.3	22
83	The Lower Pole of the Earlobe is an Alternative Site for Painless Blood Sampling in the Self-assessment of Blood Glucose Concentrations. Internal Medicine, 2004, 43, 787-791.	0.3	6
84	Two Cases of Renovascular Hypertension and Ischemic Renal Dysfunction: Reliable Choice of Examinations and Treatments. Hypertension Research, 2004, 27, 985-992.	1.5	3
85	Fever and anuria. Lancet, The, 2003, 362, 1806.	6.3	1
86	Acute adrenal failure associated with fluconazole after administration of high-dose cyclophosphamide. American Journal of Hematology, 2001, 66, 303-305.	2.0	41
87	Studies on Radiation Dosimetry by a Solid Color Changing Substance (Solid Color Radiation) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	6
88	Severe COVID-19 and preexisting hypertension: a matter of age?. Hypertension Research, 0, , .	1.5	4