

Atsuhiko Ichihara

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

3,544
citations

159358

30
h-index

182168

51
g-index

54
all docs

54
docs citations

54
times ranked

1734
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunohistochemistry for (Pro)renin Receptor in Humans. <i>International Journal of Endocrinology</i> , 2021, 2021, 1-9.	0.6	3
2	Urinary soluble (pro)renin receptor excretion is associated with urine pH in humans. <i>PLoS ONE</i> , 2021, 16, e0254688.	1.1	0
3	Efficacy of Telemedicine in Hypertension Care Through Home Blood Pressure Monitoring and Videoconferencing: Randomized Controlled Trial. <i>JMIR Cardio</i> , 2021, 5, e27347.	0.7	10
4	Effect of Pretransplant Use of Calcimimetic on Parathyroid Function after Renal Transplantation. <i>International Journal of Endocrinology</i> , 2021, 2021, 1-9.	0.6	0
5	Association between serum soluble (pro)renin receptor level and worsening of cardiac function in hemodialysis patients: A prospective observational study. <i>PLoS ONE</i> , 2020, 15, e0233312.	1.1	6
6	The (pro)renin receptor in health and disease. <i>Nature Reviews Nephrology</i> , 2019, 15, 693-712.	4.1	84
7	Buffering roles of (pro)renin receptor in starvation-induced autophagy of skeletal muscles. <i>Physiological Reports</i> , 2018, 6, e13587.	0.7	5
8	Elevated (Pro)renin Receptor Expression Contributes to Maintaining Aerobic Metabolism in Growth Hormone Deficiency. <i>Journal of the Endocrine Society</i> , 2018, 2, 252-265.	0.1	5
9	Greater reductions in plasma aldosterone with aliskiren in hypertensive patients with higher soluble (Pro)renin receptor level. <i>Hypertension Research</i> , 2018, 41, 435-443.	1.5	9
10	Effects of room temperature on home blood pressure variations: findings from a long-term observational study in Aizumisato Town. <i>Hypertension Research</i> , 2017, 40, 785-787.	1.5	11
11	Collecting duct prorenin receptor knockout reduces renal function, increases sodium excretion, and mitigates renal responses in ANG II-induced hypertensive mice. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, F1243-F1253.	1.3	49
12	Renal tubular epithelial cell prorenin receptor regulates blood pressure and sodium transport. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, F186-F194.	1.3	48
13	Placental (pro)renin receptor expression and plasma soluble (pro)renin receptor levels in preeclampsia. <i>Placenta</i> , 2016, 37, 72-78.	0.7	40
14	Antidiuretic Action of Collecting Duct (Pro)Renin Receptor Downstream of Vasopressin and PGE2 Receptor EP4. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3022-3034.	3.0	67
15	Serum Soluble (Pro)Renin Receptor Levels in Maintenance Hemodialysis Patients. <i>PLoS ONE</i> , 2016, 11, e0158068.	1.1	18
16	(Pro)renin receptor is crucial for Wnt/ β -catenin-dependent genesis of pancreatic ductal adenocarcinoma. <i>Scientific Reports</i> , 2015, 5, 8854.	1.6	52
17	Attenuation of lipopolysaccharide-induced acute lung injury after (pro)renin receptor blockade. <i>Experimental Lung Research</i> , 2015, 41, 199-207.	0.5	14
18	Nephron-specific deletion of the prorenin receptor causes a urine concentration defect. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F48-F56.	1.3	55

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19	A functional (pro)renin receptor is expressed in human lymphocytes and monocytes. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F487-F499.	1.3	22
20	Significant roles of the (pro)renin receptor in integrity of vascular smooth muscle cells. <i>Hypertension Research</i> , 2014, 37, 830-835.	1.5	23
21	Serum soluble (pro)renin receptor levels in patients with essential hypertension. <i>Hypertension Research</i> , 2014, 37, 642-648.	1.5	61
22	Neuron-Specific (Pro)renin Receptor Knockout Prevents the Development of Salt-Sensitive Hypertension. <i>Hypertension</i> , 2014, 63, 316-323.	1.3	88
23	(Pro)renin receptor blocker improves survival of rats with sepsis. <i>Journal of Surgical Research</i> , 2014, 186, 269-277.	0.8	18
24	Serum level of soluble (pro)renin receptor is modulated in chronic kidney disease. <i>Clinical and Experimental Nephrology</i> , 2013, 17, 848-856.	0.7	69
25	Prediction of Gestational Diabetes Mellitus by Soluble (Pro)Renin Receptor During the First Trimester. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 2528-2535.	1.8	64
26	Atp6ap2/(Pro)renin Receptor Interacts with Par3 as a Cell Polarity Determinant Required for Lamellar Formation during Retinal Development in Mice. <i>Journal of Neuroscience</i> , 2013, 33, 19341-19351.	1.7	30
27	Novel sandwich ELISA for detecting the human soluble pro renin receptor. <i>Frontiers in Bioscience - Elite</i> , 2013, E5, 583-590.	0.9	30
28	Deletion of the Prorenin Receptor from the Ureteric Bud Causes Renal Hypodysplasia. <i>PLoS ONE</i> , 2013, 8, e63835.	1.1	47
29	The Role of Individual Domains and the Significance of Shedding of ATP6AP2/(pro)renin Receptor in Vacuolar H ⁺ -ATPase Biogenesis. <i>PLoS ONE</i> , 2013, 8, e78603.	1.1	34
30	Association between Soluble (Pro)Renin Receptor Concentration in Cord Blood and Small for Gestational Age Birth: A Cross-Sectional Study. <i>PLoS ONE</i> , 2013, 8, e60036.	1.1	16
31	Enhanced intrarenal receptor-mediated prorenin activation in chronic progressive anti-thymocyte serum nephritis rats on high salt intake. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, F130-F138.	1.3	23
32	Soluble (Pro)Renin Receptor and Blood Pressure During Pregnancy. <i>Hypertension</i> , 2012, 60, 1250-1256.	1.3	73
33	Possible involvement of the (pro)renin receptor-dependent system in the development of insulin resistance. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 1478.	0.8	11
34	Prorenin induces vascular smooth muscle cell proliferation and hypertrophy via epidermal growth factor receptor-mediated extracellular signal-regulated kinase and Akt activation pathway. <i>Journal of Hypertension</i> , 2011, 29, 696-705.	0.3	43
35	Prorenin Receptor Is Essential for Normal Podocyte Structure and Function. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 2203-2212.	3.0	159
36	Involvement of activated prorenin in the pathogenesis of slowly progressive nephropathy in the non-clipped kidney of two kidney, one-clip hypertension. <i>Hypertension Research</i> , 2011, 34, 301-307.	1.5	8

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37	Renoprotective effects of mineralocorticoid receptor blockade in heminephrectomized (pro)renin receptor transgenic rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, 569-573.	0.9	7
38	Aliskiren Inhibits Intracellular Angiotensin II Levels Without Affecting (Pro)renin Receptor Signals in Human Podocytes. <i>American Journal of Hypertension</i> , 2010, 23, 575-580.	1.0	58
39	The (Pro)renin Receptor/ATP6AP2 is Essential for Vacuolar H ⁺ -ATPase Assembly in Murine Cardiomyocytes. <i>Circulation Research</i> , 2010, 107, 30-34.	2.0	281
40	(Pro)renin Receptor-Mediated Signal Transduction and Tissue Renin-Angiotensin System Contribute to Diabetes-Induced Retinal Inflammation. <i>Diabetes</i> , 2009, 58, 1625-1633.	0.3	136
41	Association of (Pro)renin Receptor mRNA Expression with Angiotensin-Converting Enzyme mRNA Expression in Human Artery. <i>American Journal of Nephrology</i> , 2009, 30, 361-370.	1.4	14
42	Possible contribution of the non-proteolytic activation of prorenin to the development of insulin resistance in fructose-fed rats. <i>Experimental Physiology</i> , 2009, 94, 1016-1023.	0.9	41
43	Prorenin has high affinity multiple binding sites for (pro)renin receptor. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 1838-1847.	1.1	40
44	(Pro)renin Receptor Promotes Choroidal Neovascularization by Activating Its Signal Transduction and Tissue Renin-Angiotensin System. <i>American Journal of Pathology</i> , 2008, 173, 1911-1918.	1.9	62
45	Involvement of receptor-bound prorenin in development of nephropathy in diabetic db/db mice. <i>Journal of the American Society of Hypertension</i> , 2008, 2, 332-340.	2.3	29
46	Slowly Progressive, Angiotensin II-Independent Glomerulosclerosis in Human (Pro)renin Receptor-Transgenic Rats. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 1789-1795.	3.0	229
47	(Pro)Renin Receptor-Mediated Activation of Mitogen-Activated Protein Kinases in Human Vascular Smooth Muscle Cells. <i>Hypertension Research</i> , 2007, 30, 1139-1146.	1.5	132
48	Regression of Nephropathy Developed in Diabetes by (Pro)renin Receptor Blockade. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 2054-2061.	3.0	129
49	Role of "handle" region of prorenin prosegment in the non-proteolytic activation of prorenin by binding to membrane anchored (pro)renin receptor. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 4810.	3.0	52
50	Nonproteolytic Activation of Prorenin Contributes to Development of Cardiac Fibrosis in Genetic Hypertension. <i>Hypertension</i> , 2006, 47, 894-900.	1.3	244
51	Prorenin Receptor Blockade Inhibits Development of Glomerulosclerosis in Diabetic Angiotensin II Type 1a Receptor-Deficient Mice. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 1950-1961.	3.0	264
52	Contribution of Nonproteolytically Activated Prorenin in Glomeruli to Hypertensive Renal Damage. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 2495-2503.	3.0	136
53	Inhibition of diabetic nephropathy by a decoy peptide corresponding to the "handle" region for nonproteolytic activation of prorenin. <i>Journal of Clinical Investigation</i> , 2004, 114, 1128-1135.	3.9	395