Tianxin Yang

List of Publications by Year
in descending order

50 papers	1,767 citations	304743 22 h-index	276875 41 g-index
50 all docs	50 docs citations	50 times ranked	1567 citing authors

#	Article	IF	Citations
1	Physiology and Pathophysiology of the Intrarenal Renin-Angiotensin System: An Update. Journal of the American Society of Nephrology: JASN, 2017, 28, 1040-1049.	6.1	176
2	Low Chloride Stimulation of Prostaglandin E2Release and Cyclooxygenase-2 Expression in a Mouse Macula Densa Cell Line. Journal of Biological Chemistry, 2000, 275, 37922-37929.	3.4	145
3	FGF21 Prevents Angiotensin II-Induced Hypertension and Vascular Dysfunction by Activation of ACE2/Angiotensin-(1â€“7) Axis in Mice. Cell Metabolism, 2018, 27, 1323-1337.e5.	16.2	104
4	Renin expression in COX-2-knockout mice on normal or low-salt diets. American Journal of Physiology - Renal Physiology, 2000, 279, F819-F825.	2.7	98
5	Soluble (pro)renin receptor via Î²-catenin enhances urine concentration capability as a target of liver X receptor. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1898-906.	7.1	83
6	Expression and function of COX isoforms in renal medulla: evidence for regulation of salt sensitivity and blood pressure. American Journal of Physiology - Renal Physiology, 2006, 290, F542-F549.	2.7	69
7	Activation of ENaC in collecting duct cells by prorenin and its receptor PRR: involvement of Nox4-derived hydrogen peroxide. American Journal of Physiology - Renal Physiology, 2016, 310, F1243-F1250.	2.7	67
8	Antidiuretic Action of Collecting Duct (Pro)Renin Receptor Downstream of Vasopressin and PGE2 Receptor EP4. Journal of the American Society of Nephrology: JASN, 2016, 27, 3022-3034.	6.1	67
9	Activation of Renal (Pro)Renin Receptor Contributes to High Fructose-Induced Salt Sensitivity. Hypertension, 2017, 69, 339-348.	2.7	66
10	Prostaglandin E-Prostanoid ₄ Receptor Mediates Angiotensin IIâ€“Induced (Pro)Renin Receptor Expression in the Rat Renal Medulla. Hypertension, 2014, 64, 369-377.	2.7	64
11	Renal medullary (pro)renin receptor contributes to angiotensin II-induced hypertension in rats via activation of the local reninâ€“angiotensin system. BMC Medicine, 2015, 13, 278.	5.5	63
12	Serine Protease HTRA1 as a Novel Target Antigen in Primary Membranous Nephropathy. Journal of the American Society of Nephrology: JASN, 2021, 32, 1666-1681.	6.1	61
13	Collecting duct (pro)renin receptor targets ENaC to mediate angiotensin II-induced hypertension. American Journal of Physiology - Renal Physiology, 2017, 312, F245-F253.	2.7	59
14	Intrarenal renin-angiotensin system mediates fatty acid-induced ER stress in the kidney. American Journal of Physiology - Renal Physiology, 2016, 310, F351-F363.	2.7	54
15	COX-2 mediates angiotensin II-induced (pro)renin receptor expression in the rat renal medulla. American Journal of Physiology - Renal Physiology, 2014, 307, F25-F32.	2.7	51
16	Aliskiren restores renal AQP2 expression during unilateral ureteral obstruction by inhibiting the inflammasome. American Journal of Physiology - Renal Physiology, 2015, 308, F910-F922.	2.7	42
17	(Pro)renin receptor mediates albumin-induced cellular responses: role of site-1 protease-derived soluble (pro)renin receptor in renal epithelial cells. American Journal of Physiology - Cell Physiology, 2017, 313, C632-C643.	4.6	35
18	Hydrogen sulfide upregulates renal AQPâ€2 protein expression and promotes urine concentration. FASEB Journal, 2019, 33, 469-483.	0.5	32

#	Article	IF	Citations
19	A H₂S Donor GYY4137 Exacerbates Cisplatin-Induced Nephrotoxicity in Mice. Mediators of Inflammation, 2016, 2016, 1-10.	3.0	29
20	Role of (pro)renin receptor in albumin overload-induced nephropathy in rats. American Journal of Physiology - Renal Physiology, 2018, 315, F1759-F1768.	2.7	27
21	Hydrogen peroxide stimulates chloride secretion in primary inner medullary collecting duct cells via mPGES-1-derived PGE₂. American Journal of Physiology - Renal Physiology, 2007, 293, F1571-F1576.	2.7	26
22	Crosstalk between (Pro)renin receptor and COX-2 in the renal medulla during angiotensin II-induced hypertension. Current Opinion in Pharmacology, 2015, 21, 89-94.	3.5	26
23	Site-1 Protease-Derived Soluble (Pro)Renin Receptor Contributes to Angiotensin IIâ€“Induced Hypertension in Mice. Hypertension, 2021, 77, 405-416.	2.7	25
24	Site-1 proteaseâ€“derived soluble (pro)renin receptor targets vasopressin receptor 2 to enhance urine concentrating capability. JCI Insight, 2019, 4, .	5.0	24
25	Soluble (pro)renin receptor induces endothelial dysfunction and hypertension in mice with diet-induced obesity via activation of angiotensin II type 1 receptor. Clinical Science, 2021, 135, 793-810.	4.3	24
26	Protection of nitro-fatty acid against kidney diseases. American Journal of Physiology - Renal Physiology, 2016, 310, F697-F704.	2.7	20
27	Soluble (pro)renin receptor treats metabolic syndrome in mice with diet-induced obesity via interaction with PPARÎ³. JCI Insight, 2020, 5, .	5.0	20
28	Soluble (pro)renin receptor regulation of ENaC involved in aldosterone signaling in cultured collecting duct cells. American Journal of Physiology - Renal Physiology, 2020, 318, F817-F825.	2.7	18
29	Enzymatic sources and physio-pathological functions of soluble (pro)renin receptor. Current Opinion in Nephrology and Hypertension, 2018, 27, 77-82.	2.0	16
30	(Pro)Renin receptor regulates potassium homeostasis through a local mechanism. American Journal of Physiology - Renal Physiology, 2017, 313, F641-F656.	2.7	15
31	(Pro)renin receptor decoy peptide PRO20 protects against adriamycin-induced nephropathy by targeting the intrarenal renin-angiotensin system. American Journal of Physiology - Renal Physiology, 2020, 319, F930-F940.	2.7	15
32	Soluble (pro)renin receptor promotes the fibrotic response in renal proximal tubule epithelial cells in vitro via the Akt/Î²-catenin/Snail signaling pathway. American Journal of Physiology - Renal Physiology, 2020, 319, F941-F953.	2.7	15
33	Deficiency of mPGES-1 exacerbates renal fibrosis and inflammation in mice with unilateral ureteral obstruction. American Journal of Physiology - Renal Physiology, 2017, 312, F121-F133.	2.7	14
34	The soluble (Pro) renin receptor does not influence lithiumâ€induced diabetes insipidus but does provoke beiging of white adipose tissue in mice. Physiological Reports, 2017, 5, e13410.	1.7	14
35	(Pro)renin receptor contributes to pregnancy-induced sodium-water retention in rats via activation of intrarenal RAAS and Î±-ENaC. American Journal of Physiology - Renal Physiology, 2019, 316, F530-F538.	2.7	14
36	Mutagenesis of the Cleavage Site of Pro Renin Receptor Abrogates Angiotensin II-Induced Hypertension in Mice. Hypertension, 2021, 78, 115-127.	2.7	13

#	Article	IF	Citations
37	High potassium promotes mutual interaction between (pro)renin receptor and the local renin-angiotensin-aldosterone system in rat inner medullary collecting duct cells. American Journal of Physiology - Cell Physiology, 2016, 311, C686-C695.	4.6	12
38	NF-Î²B-dependent upregulation of (pro)renin receptor mediates high-NaCl-induced apoptosis in mouse inner medullary collecting duct cells. American Journal of Physiology - Cell Physiology, 2017, 313, C612-C620.	4.6	12
39	(Pro)renin receptor antagonist PRO20 attenuates nephrectomyâ€induced nephropathy in rats via inhibition of intrarenal RAS and Wnt/Î²â€catenin signaling. Physiological Reports, 2021, 9, e14881.	1.7	10
40	Activating P2Y1 receptors improves function in arteries with repressed autophagy. Cardiovascular Research, 2023, 119, 252-267.	3.8	10
41	Kidney-specific gene targeting: Insight into thiazolidinedione-induced fluid retention (Review Article). Nephrology, 2006, 11, 201-206.	1.6	8
42	Na ⁺ -Retaining Action of COX-2 (Cyclooxygenase-2)/EP ₁ Pathway in the Collecting Duct via Activation of Intrarenal Renin-Angiotensin-Aldosterone System and Epithelial Sodium Channel. Hypertension, 2022, 79, 1190-1202.	2.7	7
43	Soluble (Pro)Renin Receptor as a Negative Regulator of NCC (Na ⁺ -Cl ^{â€“}) Tj ETQq1 1 0.784314 rgBT /Ove	2.7	6
44	Role of (pro)renin receptor in cyclosporin A-induced nephropathy. American Journal of Physiology - Renal Physiology, 2022, 322, F437-F448.	2.7	5
45	Soluble (pro)renin receptor as a potential therapy for diabetes insipidus. American Journal of Physiology - Renal Physiology, 2018, 315, F1416-F1421.	2.7	2
46	Targeting AT₂ receptors in renal disease. American Journal of Physiology - Renal Physiology, 2021, 320, F1025-F1027.	2.7	2
47	Revisiting the relationship between (Pro)Renin receptor and the intrarenal RAS: focus on the soluble receptor. Current Opinion in Nephrology and Hypertension, 2022, 31, 351-357.	2.0	2
48	The tempo of cardiovascular and metabolic responses to fasting is different between lean and obese mice. FASEB Journal, 2010, 24, 978.15.	0.5	0
49	Sodium Butyrate Attenuates Angiotensin IIâ€Induced Cardiac Hypertrophy by Inhibiting COX2/PGE2 Pathway via a HDAC5/HDAC6â€Dependent Mechanism. FASEB Journal, 2018, 32, 580.6.	0.5	0
50	Overexpression of ELABELA in the Renal Medulla Attenuated DOCA/saltâ€Induced Hypertension in Sprague Dawley rats. FASEB Journal, 2018, 32, 716.6.	0.5	0