

Jian Xie

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,761
citations

361296

20
h-index

580701

25
g-index

25
all docs

25
docs citations

25
times ranked

2275
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardioprotection by Klotho through downregulation of TRPC6 channels in the mouse heart. <i>Nature Communications</i> , 2012, 3, 1238.	5.8	282
2	Soluble Klotho Protects against Uremic Cardiomyopathy Independently of Fibroblast Growth Factor 23 and Phosphate. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 1150-1160.	3.0	218
3	A neuropeptide ligand of the G protein-coupled receptor GPR103 regulates feeding, behavioral arousal, and blood pressure in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7438-7443.	3.3	158
4	New Insights into the Mechanism of Action of Soluble Klotho. <i>Frontiers in Endocrinology</i> , 2017, 8, 323.	1.5	132
5	Endothelin α 3 frameshift mutation in congenital central hypoventilation syndrome. <i>Nature Genetics</i> , 1996, 13, 395-396.	9.4	89
6	Inhibition of TRPC6 channels ameliorates renal fibrosis and contributes to renal protection by soluble klotho. <i>Kidney International</i> , 2017, 91, 830-841.	2.6	84
7	Endothelial-Specific Expression of WNK1 Kinase Is Essential for Angiogenesis and Heart Development in Mice. <i>American Journal of Pathology</i> , 2009, 175, 1315-1327.	1.9	83
8	Downregulation of NCC and NKCC2 cotransporters by kidney-specific WNK1 revealed by gene disruption and transgenic mouse models. <i>Human Molecular Genetics</i> , 2011, 20, 855-866.	1.4	76
9	Klotho May Ameliorate Proteinuria by Targeting TRPC6 Channels in Podocytes. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 140-151.	3.0	70
10	Soluble klotho binds monosialoganglioside to regulate membrane microdomains and growth factor signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 752-757.	3.3	68
11	An acetate switch regulates stress erythropoiesis. <i>Nature Medicine</i> , 2014, 20, 1018-1026.	15.2	62
12	WNK1 kinase balances T cell adhesion versus migration in vivo. <i>Nature Immunology</i> , 2016, 17, 1075-1083.	7.0	54
13	Potassium-regulated distal tubule WNK bodies are kidney-specific WNK1 dependent. <i>Molecular Biology of the Cell</i> , 2018, 29, 499-509.	0.9	54
14	WNK1 Protein Kinase Regulates Embryonic Cardiovascular Development through the OSR1 Signaling Cascade. <i>Journal of Biological Chemistry</i> , 2013, 288, 8566-8574.	1.6	49
15	Constitutive Lysosomal Targeting and Degradation of Bovine Endothelin-converting Enzyme-1 α Mediated by Novel Signals in Its Alternatively Spliced Cytoplasmic Tail. <i>Journal of Biological Chemistry</i> , 1999, 274, 1509-1518.	1.6	46
16	WNKs: protein kinases with a unique kinase domain. <i>Experimental and Molecular Medicine</i> , 2007, 39, 565-573.	3.2	45
17	Chloride sensing by WNK1 regulates NLRP3 inflammasome activation and pyroptosis. <i>Nature Communications</i> , 2021, 12, 4546.	5.8	42
18	Role of with-no-lysine [K] kinases in the pathogenesis of Gordon α syndrome. <i>Pediatric Nephrology</i> , 2006, 21, 1231-1236.	0.9	41

#	ARTICLE	IF	CITATIONS
19	Soluble klotho regulates TRPC6 calcium signaling via lipid rafts, independent of the FGFR \rightarrow FGF23 pathway. <i>FASEB Journal</i> , 2019, 33, 9182-9193.	0.2	28
20	Modeled structural basis for the recognition of α -3-sialyllactose by soluble Klotho. <i>FASEB Journal</i> , 2017, 31, 3574-3586.	0.2	25
21	Regulation of TRPV5 Single-Channel Activity by Intracellular pH. <i>Journal of Membrane Biology</i> , 2007, 220, 79-85.	1.0	22
22	Differential roles of WNK4 in regulation of NCC in vivo. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, F999-F1007.	1.3	21
23	Glucosylceramide synthase inhibition protects against cardiac hypertrophy in chronic kidney disease. <i>Scientific Reports</i> , 2022, 12, .	1.6	8
24	Munc13 mediates klotho-inhibitable diacylglycerol-stimulated exocytotic insertion of pre-docked TRPC6 vesicles. <i>PLoS ONE</i> , 2020, 15, e0229799.	1.1	3