

Sung-Wan An

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

955
citations

933447

10
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

1296
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.	12.8	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.	6.1	218
3	New Insights into the Mechanism of Action of Soluble Klotho. <i>Frontiers in Endocrinology</i> , 2017, 8, 323.	3.5	132
4	Inhibition of TRPC6 channels ameliorates renal fibrosis and contributes to renal protection by soluble klotho. <i>Kidney International</i> , 2017, 91, 830-841.	5.2	84
5	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.	7.1	68
6	Klotho Up-regulates Renal Calcium Channel Transient Receptor Potential Vanilloid 5 (TRPV5) by Intra- and Extracellular N-glycosylation-dependent Mechanisms. <i>Journal of Biological Chemistry</i> , 2014, 289, 35849-35857.	3.4	55
7	Soluble klotho regulates TRPC6 calcium signaling via lipid rafts, independent of the FGFR-FGF23 pathway. <i>FASEB Journal</i> , 2019, 33, 9182-9193.	0.5	28
8	WNK1 Promotes PIP2 Synthesis to Coordinate Growth Factor and GPCR-Gq Signaling. <i>Current Biology</i> , 2011, 21, 1979-1987.	3.9	27
9	Modeled structural basis for the recognition of α -sialyllactose by soluble Klotho. <i>FASEB Journal</i> , 2017, 31, 3574-3586.	0.5	25
10	OSR1 regulates a subset of inward rectifier potassium channels via a binding motif variant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3840-3845.	7.1	17
11	Gentamicin Inhibits Ca ²⁺ Channel TRPV5 and Induces Calciuresis Independent of the Calcium-Sensing Receptor-Claudin-14 Pathway. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 547-564.	6.1	8
12	Chloride oscillation in pacemaker neurons regulates circadian rhythms through a chloride-sensing WNK kinase signaling cascade. <i>Current Biology</i> , 2022, 32, 1429-1438.e6.	3.9	8
13	Munc13 mediates klotho-inhibitable diacylglycerol-stimulated exocytotic insertion of pre-docked TRPC6 vesicles. <i>PLoS ONE</i> , 2020, 15, e0229799.	2.5	3
14	Gentamicin induces calciuresis by blocking TRPV5. <i>FASEB Journal</i> , 2022, 36, .	0.5	0