

Seung-Kuy Cha

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8713548/publications.pdf>

Version: 2024-02-01

27
papers

1,616
citations

430874

18
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

2159
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of sialic acid involving Klotho causes cell-surface retention of TRPV5 channel via binding to galectin-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 9805-9810.	7.1	361
2	Cardioprotection by Klotho through downregulation of TRPC6 channels in the mouse heart. <i>Nature Communications</i> , 2012, 3, 1238.	12.8	282
3	Regulation of Renal Outer Medullary Potassium Channel and Renal K ⁺ Excretion by Klotho. <i>Molecular Pharmacology</i> , 2009, 76, 38-46.	2.3	171
4	Protein kinase C inhibits caveolae-mediated endocytosis of TRPV5. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, F1212-F1221.	2.7	94
5	Upregulation of mitochondrial Nox4 mediates TGF- β -induced apoptosis in cultured mouse podocytes. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, F155-F167.	2.7	89
6	Orai1 and STIM1 are critical for cell migration and proliferation of clear cell renal cell carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2014, 448, 76-82.	2.1	82
7	Klotho May Ameliorate Proteinuria by Targeting TRPC6 Channels in Podocytes. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 140-151.	6.1	70
8	Mitochondrial oxidative stress mediates high-phosphate-induced secretory defects and apoptosis in insulin-secreting cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E933-E941.	3.5	49
9	Angiotensin II-mediated MYH9 downregulation causes structural and functional podocyte injury in diabetic kidney disease. <i>Scientific Reports</i> , 2019, 9, 7679.	3.3	44
10	Calcium-sensing Receptor Decreases Cell Surface Expression of the Inwardly Rectifying K ⁺ Channel Kir4.1. <i>Journal of Biological Chemistry</i> , 2011, 286, 1828-1835.	3.4	41
11	Inhibition of oncogenic Src induces FABP4-mediated lipolysis via PPAR β activation exerting cancer growth suppression. <i>EBioMedicine</i> , 2019, 41, 134-145.	6.1	37
12	WNK1 promotes renal tumor progression by activating TRPC6 \rightarrow NFAT pathway. <i>FASEB Journal</i> , 2019, 33, 8588-8599.	0.5	36
13	Effect of Function-Enhanced Mesenchymal Stem Cells Infected With Decorin-Expressing Adenovirus on Hepatic Fibrosis. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1247-1256.	3.3	35
14	WNK4 Kinase Stimulates Caveola-mediated Endocytosis of TRPV5 Amplifying the Dynamic Range of Regulation of the Channel by Protein Kinase C. <i>Journal of Biological Chemistry</i> , 2010, 285, 6604-6611.	3.4	33
15	WNK1 Promotes PIP2 Synthesis to Coordinate Growth Factor and GPCR-Gq Signaling. <i>Current Biology</i> , 2011, 21, 1979-1987.	3.9	27
16	Oxidative stress by Ca ²⁺ overload is critical for phosphate-induced vascular calcification. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H1302-H1312.	3.2	26
17	Regulation of TRPV5 Single-Channel Activity by Intracellular pH. <i>Journal of Membrane Biology</i> , 2007, 220, 79-85.	2.1	22
18	WNK1 kinase is essential for insulin β -stimulated GLUT4 trafficking in skeletal muscle. <i>FEBS Open Bio</i> , 2018, 8, 1866-1874.	2.3	21

#	ARTICLE	IF	CITATIONS
19	Flow-induced activation of TRPV5 and TRPV6 channels stimulates Ca ²⁺ -activated K ⁺ channel causing membrane hyperpolarization. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 3046-3053.	4.1	19
20	Intracellular alkalinization by phosphate uptake <i>via</i> type III sodium-phosphate cotransporter participates in high-phosphate-induced mitochondrial oxidative stress and defective insulin secretion. <i>FASEB Journal</i> , 2016, 30, 3979-3988.	0.5	16
21	Protective effects of klotho on palmitate-induced podocyte injury in diabetic nephropathy. <i>PLoS ONE</i> , 2021, 16, e0250666.	2.5	14
22	Insulin-activated store-operated Ca ²⁺ entry via Orai1 induces podocyte actin remodeling and causes proteinuria. <i>Nature Communications</i> , 2021, 12, 6537.	12.8	14
23	Soluble Klotho downregulates Orai1-mediated store-operated Ca ²⁺ entry via PI3K-dependent signaling. <i>Pflugers Archiv European Journal of Physiology</i> , 2021, 473, 647-658.	2.8	11
24	Autocrine insulin increases plasma membrane KATP channel via PI3K-VAMP2 pathway in MIN6 cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 468, 752-757.	2.1	8
25	Klotho plays a critical role in clear cell renal cell carcinoma progression and clinical outcome. <i>Korean Journal of Physiology and Pharmacology</i> , 2016, 20, 297.	1.2	8
26	Orai1 Expression Is Closely Related with Favorable Prognostic Factors in Clear Cell Renal Cell Carcinoma. <i>Journal of Korean Medical Science</i> , 2016, 31, 879.	2.5	4
27	Epinephrine minimizes the use of bipolar coagulation and preserves ovarian reserve in laparoscopic ovarian cystectomy: a randomized controlled trial. <i>Scientific Reports</i> , 2020, 10, 20911.	3.3	2