

Peng Zhang

List of Publications by Year in descending order

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28
papers

935
citations

516710

16
h-index

501196

28
g-index

28
all docs

28
docs citations

28
times ranked

1246
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial TRPV4â€œ<sc>eNOS</sc> coupling as a vital therapy target for treatment of hypertension. British Journal of Pharmacology, 2022, 179, 2297-2312.	5.4	14
2	Editorial: The Role of Calcium Channels in Human Health and Disease. Frontiers in Molecular Biosciences, 2022, 9, 834108.	3.5	2
3	Bilateral Hearing Loss and Unilateral Cochlear Ossification in a Patient With Chronic Myelogenous Leukemia. Ear, Nose and Throat Journal, 2021, 100, 301S-303S.	0.8	3
4	Ang II Promotes Cardiac Autophagy and Hypertrophy via Orai1/STIM1. Frontiers in Pharmacology, 2021, 12, 622774.	3.5	16
5	Small molecule compound M12 reduces vascular permeability in obese mice via blocking endothelial TRPV4â€œNox2 interaction. Acta Pharmacologica Sinica, 2021, , .	6.1	1
6	Identification of TRPV4 as a novel target in invasiveness of colorectal cancer. BMC Cancer, 2021, 21, 1264.	2.6	14
7	SPZ1 promotes deregulation of Bim to boost apoptosis resistance in colorectal cancer. Clinical Science, 2020, 134, 155-167.	4.3	5
8	Morin attenuates oxidized lowâ€œdensity lipoproteinâ€œmediated injury by inducing autophagy via activating <sc>AMPK</sc> signalling in <sc>HUVEC</sc>s. Clinical and Experimental Pharmacology and Physiology, 2019, 46, 1053-1060.	1.9	12
9	Morin induces endothelium-dependent relaxation by activating TRPV4 channels in rat mesenteric arteries. European Journal of Pharmacology, 2019, 859, 172561.	3.5	15
10	Activation of PTEN by inhibition of TRPV4 suppresses colon cancer development. Cell Death and Disease, 2019, 10, 460.	6.3	41
11	Orai1 is critical for Notch-driven aggressiveness under hypoxic conditions in triple-negative breast cancers. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 975-986.	3.8	29
12	<sc>TRPV</sc>4 activates cytosolic phospholipase A₂ via Ca²⁺-dependent <sc>PKC</sc>/<sc>ERK</sc>1/2 signalling in controlling hypertensive contraction. Clinical and Experimental Pharmacology and Physiology, 2018, 45, 908-915.	1.9	10
13	TRPV4 (Transient Receptor Potential Vanilloid 4) Mediates Endothelium-Dependent Contractions in the Aortas of Hypertensive Mice. Hypertension, 2018, 71, 134-142.	2.7	43
14	SPZ1 is critical for chemoresistance and aggressiveness in drug-resistant breast cancer cells. Biochemical Pharmacology, 2018, 156, 43-51.	4.4	7
15	Hypoxia-induced upregulation of Orai1 drives colon cancer invasiveness and angiogenesis. European Journal of Pharmacology, 2018, 832, 1-10.	3.5	29
16	TRPC5-induced autophagy promotes drug resistance in breast carcinoma via CaMKKÎ²/AMPKÎ±/mTOR pathway. Scientific Reports, 2017, 7, 3158.	3.3	70
17	TrpC5 regulates differentiation through the Ca2+/Wnt5a signalling pathway in colorectal cancer. Clinical Science, 2017, 131, 227-237.	4.3	23
18	Treatment of hypertension by increasing impaired endothelial <sc>TRPV</sc> 4â€œ<sc>KC</sc> a2.3 interaction. EMBO Molecular Medicine, 2017, 9, 1491-1503.	6.9	30

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19	Overexpression of TrpC5 promotes tumor metastasis via the HIF-1 α -Twist signaling pathway in colon cancer. <i>Clinical Science</i> , 2017, 131, 2439-2450.	4.3	38
20	Gastrodin Inhibits Store-Operated Ca ²⁺ Entry and Alleviates Cardiac Hypertrophy. <i>Frontiers in Pharmacology</i> , 2017, 8, 222.	3.5	19
21	Translocation of PKG1 β acts on TRPV4-C1 heteromeric channels to inhibit endothelial Ca ²⁺ entry. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 1199-1207.	6.1	17
22	Chemotherapy enhances tumor vascularization via Notch signaling-mediated formation of tumor-derived endothelium in breast cancer. <i>Biochemical Pharmacology</i> , 2016, 118, 18-30.	4.4	23
23	Nitric Oxide-cGMP-PKG Pathway Acts on Orai1 to Inhibit the Hypertrophy of Human Embryonic Stem Cell-Derived Cardiomyocytes. <i>Stem Cells</i> , 2015, 33, 2973-2984.	3.2	34
24	Epoxyeicosatrienoic acids act through TRPV4 α -TRPC1 β -KCa1.1 complex to induce smooth muscle membrane hyperpolarization and relaxation in human internal mammary arteries. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 552-559.	3.8	38
25	Nitric oxide and protein kinase G act on TRPC1 to inhibit 11,12-EET-induced vascular relaxation. <i>Cardiovascular Research</i> , 2014, 104, 138-146.	3.8	23
26	Essential role for TrpC5-containing extracellular vesicles in breast cancer with chemotherapeutic resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 6389-6394.	7.1	152
27	Functional Role of TRPV4-K _{Ca} 2.3 Signaling in Vascular Endothelial Cells in Normal and Streptozotocin-Induced Diabetic Rats. <i>Hypertension</i> , 2013, 62, 134-139.	2.7	84
28	Transient receptor potential channel TRPC5 is essential for P-glycoprotein induction in drug-resistant cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16282-16287.	7.1	143