

Yafei Chen

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

712
citations

567144

15
h-index

552653

26
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all docs

30
docs citations

30
times ranked

710
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular dynamics simulation of TMEM16A channel: Linking structure with gating. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2022, 1864, 183777.	1.4	5
2	Anoctamin 1 controls bone resorption by coupling Cl ⁻ channel activation with RANKL-RANK signaling transduction. <i>Nature Communications</i> , 2022, 13, .	5.8	15
3	Near-Infrared Light-Responsive Nanoinhibitors for Tumor Suppression through Targeting and Regulating Anion Channels. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 31715-31726.	4.0	8
4	Inhibition of TMEM16A by Natural Product Silibinin: Potential Lead Compounds for Treatment of Lung Adenocarcinoma. <i>Frontiers in Pharmacology</i> , 2021, 12, 643489.	1.6	14
5	Emerging Modulators of TMEM16A and Their Therapeutic Potential. <i>Journal of Membrane Biology</i> , 2021, 254, 353-365.	1.0	18
6	TMEM16A Protein: Calcium-Binding Site and its Activation Mechanism. <i>Protein and Peptide Letters</i> , 2021, 28, 1338-1348.	0.4	2
7	Molecular mechanism of CaCCinh-A01 inhibiting TMEM16A channel. <i>Archives of Biochemistry and Biophysics</i> , 2020, 695, 108650.	1.4	14
8	Activation of TMEM16A by natural product canthaxanthin promotes gastrointestinal contraction. <i>FASEB Journal</i> , 2020, 34, 13430-13444.	0.2	11
9	TMEM16A-inhibitor loaded pH-responsive nanoparticles: A novel dual-targeting antitumor therapy for lung adenocarcinoma. <i>Biochemical Pharmacology</i> , 2020, 178, 114062.	2.0	15
10	Procyanidin B1, a novel and specific inhibitor of Kv10.1 channel, suppresses the evolution of hepatoma. <i>Biochemical Pharmacology</i> , 2020, 178, 114089.	2.0	33
11	Recent progress in structural studies on TMEM16A channel. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 714-722.	1.9	21
12	Molecular Mechanisms and Structural Basis of Retigabine Analogues in Regulating KCNQ2 Channel. <i>Journal of Membrane Biology</i> , 2020, 253, 167-181.	1.0	15
13	Arctigenin, a novel TMEM16A inhibitor for lung adenocarcinoma therapy. <i>Pharmacological Research</i> , 2020, 155, 104721.	3.1	43
14	A novel anti-cancer mechanism of Nutlin-3 through downregulation of Eag1 channel and PI3K/AKT pathway. <i>Biochemical and Biophysical Research Communications</i> , 2019, 517, 445-451.	1.0	3
15	Entering the spotlight: Chitosan oligosaccharides as novel activators of CaCCs/TMEM16A. <i>Pharmacological Research</i> , 2019, 146, 104323.	3.1	22
16	Tetrandrine, a novel inhibitor of ether-à-go-go-related 1 (Eag1), targeted to cervical cancer development. <i>Journal of Cellular Physiology</i> , 2019, 234, 7161-7173.	2.0	27
17	Matrine is a novel inhibitor of the TMEM16A chloride channel with antilung adenocarcinoma effects. <i>Journal of Cellular Physiology</i> , 2019, 234, 8698-8708.	2.0	80
18	Recent advances in TMEM16A: Structure, function, and disease. <i>Journal of Cellular Physiology</i> , 2019, 234, 7856-7873.	2.0	89

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19	The Natural Compound Cinnamaldehyde is a Novel Activator of Calcium-Activated Chloride Channel. <i>Journal of Membrane Biology</i> , 2018, 251, 747-756.	1.0	13
20	Ginsenoside Rb1, a novel activator of the TMEM16A chloride channel, augments the contraction of guinea pig ileum. <i>Pflugers Archiv European Journal of Physiology</i> , 2017, 469, 681-692.	1.3	42
21	Eag1 Voltage-Dependent Potassium Channels: Structure, Electrophysiological Characteristics, and Function in Cancer. <i>Journal of Membrane Biology</i> , 2017, 250, 123-132.	1.0	21
22	Anti-tumor effects of (1 α '3)- β -D-glucan from <i>Saccharomyces cerevisiae</i> in S180 tumor-bearing mice. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 385-392.	3.6	39
23	Identification of Resveratrol, an Herbal Compound, as an Activator of the Calcium-Activated Chloride Channel, TMEM16A. <i>Journal of Membrane Biology</i> , 2017, 250, 483-492.	1.0	26
24	Allosteric-activation mechanism of BK channel gating ring triggered by calcium ions. <i>PLoS ONE</i> , 2017, 12, e0182067.	1.1	6
25	Two Ca ²⁺ -Binding Sites Cooperatively Couple Together in TMEM16A Channel. <i>Journal of Membrane Biology</i> , 2016, 249, 57-63.	1.0	3
26	Identification of the Conformational transition pathway in PIP ₂ Opening Kir Channels. <i>Scientific Reports</i> , 2015, 5, 11289.	1.6	24
27	A novel biophysical model on calcium and voltage dual dependent gating of calcium-activated chloride channel. <i>Journal of Theoretical Biology</i> , 2014, 355, 229-235.	0.8	8
28	Pickering emulsion stabilized by lipase-containing periodic mesoporous organosilica particles: A robust biocatalyst system for biodiesel production. <i>Bioresource Technology</i> , 2014, 153, 278-283.	4.8	78
29	Direct or Indirect Regulation of Calcium-Activated Chloride Channel by Calcium. <i>Journal of Membrane Biology</i> , 2011, 240, 121-129.	1.0	17
30	Dynamical model of P53-Mdm2-P14/19ARF network to radiation in population of cells. , 2009, , .		0