Yafei Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1337440/publications.pdf

Version: 2024-02-01

30	712	567144 15	552653 26
papers	citations	h-index	g-index

30	30	30	710
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent advances in TMEM16A: Structure, function, and disease. Journal of Cellular Physiology, 2019, 234, 7856-7873.	2.0	89
2	Matrine is a novel inhibitor of the TMEM16A chloride channel with antilung adenocarcinoma effects. Journal of Cellular Physiology, 2019, 234, 8698-8708.	2.0	80
3	Pickering emulsion stabilized by lipase-containing periodic mesoporous organosilica particles: A robust biocatalyst system for biodiesel production. Bioresource Technology, 2014, 153, 278-283.	4.8	78
4	Arctigenin, a novel TMEM16A inhibitor for lung adenocarcinoma therapy. Pharmacological Research, 2020, 155, 104721.	3.1	43
5	Ginsenoside Rb1, a novel activator of the TMEM16A chloride channel, augments the contraction of guinea pig ileum. Pflugers Archiv European Journal of Physiology, 2017, 469, 681-692.	1.3	42
6	Anti-tumor effects of (1â†'3)-Î²-d-glucan from Saccharomyces cerevisiae in S180 tumor-bearing mice. International Journal of Biological Macromolecules, 2017, 95, 385-392.	3.6	39
7	Procyanidin B1, a novel and specific inhibitor of Kv10.1 channel, suppresses the evolution of hepatoma. Biochemical Pharmacology, 2020, 178, 114089.	2.0	33
8	Tetrandrine, a novel inhibitor of etherâ€Ãâ€goâ€goâ€1 (Eag1), targeted to cervical cancer development. Journal of Cellular Physiology, 2019, 234, 7161-7173.	2.0	27
9	Identification of Resveratrol, an Herbal Compound, as an Activator of the Calcium-Activated Chloride Channel, TMEM16A. Journal of Membrane Biology, 2017, 250, 483-492.	1.0	26
10	Identification of the Conformational transition pathway in PIP2 Opening Kir Channels. Scientific Reports, 2015, 5, 11289.	1.6	24
11	Entering the spotlight: Chitosan oligosaccharides as novel activators of CaCCs/TMEM16A. Pharmacological Research, 2019, 146, 104323.	3.1	22
12	Eag1 Voltage-Dependent Potassium Channels: Structure, Electrophysiological Characteristics, and Function in Cancer. Journal of Membrane Biology, 2017, 250, 123-132.	1.0	21
13	Recent progress in structural studies on TMEM16A channel. Computational and Structural Biotechnology Journal, 2020, 18, 714-722.	1.9	21
14	Emerging Modulators of TMEM16A and Their Therapeutic Potential. Journal of Membrane Biology, 2021, 254, 353-365.	1.0	18
15	Direct or Indirect Regulation of Calcium-Activated Chloride Channel by Calcium. Journal of Membrane Biology, 2011, 240, 121-129.	1.0	17
16	TMEM16A-inhibitor loaded pH-responsive nanoparticles: A novel dual-targeting antitumor therapy for lung adenocarcinoma. Biochemical Pharmacology, 2020, 178, 114062.	2.0	15
17	Molecular Mechanisms and Structural Basis of Retigabine Analogues in Regulating KCNQ2 Channel. Journal of Membrane Biology, 2020, 253, 167-181.	1.0	15
18	Anoctamin 1 controls bone resorption by coupling Clâ¯ channel activation with RANKL-RANK signaling transduction. Nature Communications, 2022, 13, .	5.8	15

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19	Molecular mechanism of CaCCinh-A01 inhibiting TMEM16A channel. Archives of Biochemistry and Biophysics, 2020, 695, 108650.	1.4	14
20	Inhibition of TMEM16A by Natural Product Silibinin: Potential Lead Compounds for Treatment of Lung Adenocarcinoma. Frontiers in Pharmacology, 2021, 12, 643489.	1.6	14
21	The Natural Compound Cinnamaldehyde is a Novel Activator of Calcium-Activated Chloride Channel. Journal of Membrane Biology, 2018, 251, 747-756.	1.0	13
22	Activation of TMEM16A by natural product canthaxanthin promotes gastrointestinal contraction. FASEB Journal, 2020, 34, 13430-13444.	0.2	11
23	A novel biophysical model on calcium and voltage dual dependent gating of calcium-activated chloride channel. Journal of Theoretical Biology, 2014, 355, 229-235.	0.8	8
24	Near-Infrared Light-Responsive Nanoinhibitors for Tumor Suppression through Targeting and Regulating Anion Channels. ACS Applied Materials & Interfaces, 2022, 14, 31715-31726.	4.0	8
25	Allosteric-activation mechanism of BK channel gating ring triggered by calcium ions. PLoS ONE, 2017, 12, e0182067.	1.1	6
26	Molecular dynamics simulation of TMEM16A channel: Linking structure with gating. Biochimica Et Biophysica Acta - Biomembranes, 2022, 1864, 183777.	1.4	5
27	Two Ca2+-Binding Sites Cooperatively Couple Together in TMEM16A Channel. Journal of Membrane Biology, 2016, 249, 57-63.	1.0	3
28	A novel anti-cancer mechanism of Nutlin-3 through downregulation of Eag1 channel and PI3K/AKT pathway. Biochemical and Biophysical Research Communications, 2019, 517, 445-451.	1.0	3
29	TMEM16A Protein: Calcium-Binding Site and its Activation Mechanism. Protein and Peptide Letters, 2021, 28, 1338-1348.	0.4	2
30	Dynamical model of P53-Mdm2-P14/19ARF network to radiation in population of cells. , 2009, , .		0