

Hailong An

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

945
citations

471371

17
h-index

501076

28
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52
all docs

52
docs citations

52
times ranked

879
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in TMEM16A: Structure, function, and disease. <i>Journal of Cellular Physiology</i> , 2019, 234, 7856-7873.	2.0	89
2	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
3	Grapheneâ€Oxideâ€Conjugated Polymer Hybrid Materials for Calmodulin Sensing by Using FRET Strategy. <i>Advanced Functional Materials</i> , 2015, 25, 4412-4418.	7.8	48
4	Arctigenin, a novel TMEM16A inhibitor for lung adenocarcinoma therapy. <i>Pharmacological Research</i> , 2020, 155, 104721.	3.1	43
5	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
6	Anti-tumor effects of (1âˆ’3)-Î²-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
7	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
8	Conjugated Polythiophene for Rapid, Simple, and High-Throughput Screening of Antimicrobial Photosensitizers. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 14569-14572.	4.0	29
9	Tetrandrine, a novel inhibitor of etherâ€Aâ€Goâ€E1 (Eag1), targeted to cervical cancer development. <i>Journal of Cellular Physiology</i> , 2019, 234, 7161-7173.	2.0	27
10	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
11	Identification of the Conformational transition pathway in PIP2 Opening Kir Channels. <i>Scientific Reports</i> , 2015, 5, 11289.	1.6	24
12	Nuciferine Inhibits TMEM16A in Dietary Adjuvant Therapy for Lung Cancer. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 3687-3696.	2.4	24
13	Entering the spotlight: Chitosan oligosaccharides as novel activators of CaCCs/TMEM16A. <i>Pharmacological Research</i> , 2019, 146, 104323.	3.1	22
14	Photothermal Modulation of Depressionâ€Related Ion Channel Function through Conjugated Polymer Nanoparticles. <i>Advanced Functional Materials</i> , 2021, 31, 2010757.	7.8	22
15	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
16	Recent progress in structural studies on TMEM16A channel. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 714-722.	1.9	21
17	Selective activation of vascular K _v 7.4/K _v 7.5 K ⁺ channels by fasudil contributes to its vasorelaxant effect. <i>British Journal of Pharmacology</i> , 2016, 173, 3480-3491.	2.7	18
18	Conjugated Polymer-Based Hybrid Materials for Turn-On Detection of CO ₂ in Plant Photosynthesis. <i>Analytical Chemistry</i> , 2016, 88, 6593-6597.	3.2	18

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19	Emerging Modulators of TMEM16A and Their Therapeutic Potential. <i>Journal of Membrane Biology</i> , 2021, 254, 353-365.	1.0	18
20	Theaflavin binds to a druggable pocket of TMEM16A channel and inhibits lung adenocarcinoma cell viability. <i>Journal of Biological Chemistry</i> , 2021, 297, 101016.	1.6	18
21	Direct or Indirect Regulation of Calcium-Activated Chloride Channel by Calcium. <i>Journal of Membrane Biology</i> , 2011, 240, 121-129.	1.0	17
22	TMEM16A, a Homoharringtonine Receptor, as a Potential Endogenous Target for Lung Cancer Treatment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10930.	1.8	16
23	Caffeic Acid, an Active Ingredient in Coffee, Combines with DOX for Multitarget Combination Therapy of Lung Cancer. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 8326-8337.	2.4	16
24	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
25	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
26	Anoctamin 1 controls bone resorption by coupling Cl ⁻ channel activation with RANKL-RANK signaling transduction. <i>Nature Communications</i> , 2022, 13, .	5.8	15
27	Molecular mechanism of CaCCinh-A01 inhibiting TMEM16A channel. <i>Archives of Biochemistry and Biophysics</i> , 2020, 695, 108650.	1.4	14
28	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
29	Zafirlukast inhibits the growth of lung adenocarcinoma via inhibiting TMEM16A channel activity. <i>Journal of Biological Chemistry</i> , 2022, 298, 101731.	1.6	14
30	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
31	A versatile nanoplatfrom based on multivariate porphyrinic metal-organic frameworks for catalytic cascade-enhanced photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 4678-4689.	2.9	13
32	TMEM16A/B Associated CaCC: Structural and Functional Insights. <i>Protein and Peptide Letters</i> , 2013, 21, 94-99.	0.4	12
33	Conjugated Polythiophene/Porphyrin Complex for Rapid and Simple Detection of Bacteria in Drinking Water. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1603-1608.	1.1	11
34	Activation of TMEM16A by natural product canthaxanthin promotes gastrointestinal contraction. <i>FASEB Journal</i> , 2020, 34, 13430-13444.	0.2	11
35	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
36	Lack of Negatively Charged Residues at the External Mouth of Kir2.2 Channels Enable the Voltage-Dependent Block by External Mg ²⁺ . <i>PLoS ONE</i> , 2014, 9, e111372.	1.1	8

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37	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
38	Structural Basis for Differences in Dynamics Induced by Leu Versus Ile Residues in the CD Loop of Kir Channels. <i>Molecular Neurobiology</i> , 2016, 53, 5948-5961.	1.9	7
39	Delineating an extracellular redox-sensitive module in T-type Ca ²⁺ channels. <i>Journal of Biological Chemistry</i> , 2020, 295, 6177-6186.	1.6	6
40	Allosteric-activation mechanism of BK channel gating ring triggered by calcium ions. <i>PLoS ONE</i> , 2017, 12, e0182067.	1.1	6
41	Molecular mechanism of CD44 homodimerization modulated by palmitoylation and membrane environments. <i>Biophysical Journal</i> , 2022, 121, 2671-2683.	0.2	6
42	Multi-target tracheloside and doxorubicin combined treatment of lung adenocarcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113392.	2.5	6
43	Three pairs of weak interactions precisely regulate the G-loop gate of Kir2.1 channel. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016, 84, 1929-1937.	1.5	5
44	Hydrocinnamic Acid Inhibits the Currents of WT and SQT3 Syndrome-Related Mutants of Kir2.1 Channel. <i>Journal of Membrane Biology</i> , 2017, 250, 425-432.	1.0	5
45	Molecular dynamics simulation of TMEM16A channel: Linking structure with gating. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2022, 1864, 183777.	1.4	5
46	Protein disulfide isomerase modulation of TRPV1 controls heat hyperalgesia in chronic pain. <i>Cell Reports</i> , 2022, 39, 110625.	2.9	4
47	Two Ca ²⁺ -Binding Sites Cooperatively Couple Together in TMEM16A Channel. <i>Journal of Membrane Biology</i> , 2016, 249, 57-63.	1.0	3
48	Styrax blocks inward and outward current of Kir2.1 channel. <i>Channels</i> , 2017, 11, 46-54.	1.5	3
49	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
50	TMEM16A Protein: Calcium-Binding Site and its Activation Mechanism. <i>Protein and Peptide Letters</i> , 2021, 28, 1338-1348.	0.4	2
51	Editorial: Ion Channels: Therapeutic Targets for Neurological Disease. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 797327.	1.4	2
52	Conformation Changes: Grapheneâ€Oxideâ€Conjugated Polymer Hybrid Materials for Calmodulin Sensing by Using FRET Strategy (<i>Adv. Funct. Mater.</i> 28/2015). <i>Advanced Functional Materials</i> , 2015, 25, 4560-4560.	7.8	0