

Qinghuan Xiao

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,452
citations

361413

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434195

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32
all docs

32
docs citations

32
times ranked

2026
citing authors

#	ARTICLE	IF	CITATIONS
1	Chloride Channels: Often Enigmatic, Rarely Predictable. Annual Review of Physiology, 2010, 72, 95-121.	13.1	296
2	Voltage- and calcium-dependent gating of TMEM16A/Ano1 chloride channels are physically coupled by the first intracellular loop. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8891-8896.	7.1	191
3	Anoctamin 1 (Tmem16A) Ca ²⁺ -activated chloride channel stoichiometrically interacts with an ezrin-radixin-moesin network. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10376-10381.	7.1	111
4	Cell-specific mechanisms of TMEM16A Ca ²⁺ -activated chloride channel in cancer. Molecular Cancer, 2017, 16, 152.	19.2	108
5	Bestrophins and retinopathies. Pflugers Archiv European Journal of Physiology, 2010, 460, 559-569.	2.8	94
6	Regulation of Bestrophin Cl Channels by Calcium: Role of the C Terminus. Journal of General Physiology, 2008, 132, 681-692.	1.9	74
7	miR-302a/b/c/d cooperatively inhibit BCRP expression to increase drug sensitivity in breast cancer cells. Gynecologic Oncology, 2016, 141, 592-601.	1.4	51
8	The Hedgehog signalling pathway mediates drug response of MCF-7 mammosphere cells in breast cancer patients. Clinical Science, 2015, 129, 809-822.	4.3	46
9	Epigallocatechin Gallate Reduces Amyloid β -Induced Neurotoxicity via Inhibiting Endoplasmic Reticulum Stress-Mediated Apoptosis. Molecular Nutrition and Food Research, 2018, 62, e1700890.	3.3	46
10	A mutual activation loop between the Ca ²⁺ -activated chloride channel TMEM16A and EGFR/STAT3 signaling promotes breast cancer tumorigenesis. Cancer Letters, 2019, 455, 48-59.	7.2	41
11	Ano1/TMEM16A Overexpression Is Associated with Good Prognosis in PR-Positive or HER2-Negative Breast Cancer Patients following Tamoxifen Treatment. PLoS ONE, 2015, 10, e0126128.	2.5	39
12	TMEM16A Ca ²⁺ -activated Cl ⁻ channel inhibition ameliorates acute pancreatitis via the IP3R/Ca ²⁺ /NF κ B/IL-6 signaling pathway. Journal of Advanced Research, 2020, 23, 25-35.	9.5	35
13	Separation and purification of epigallocatechin-3-gallate (EGCG) from green tea using combined macroporous resin and polyamide column chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 1002, 113-122.	2.3	32
14	Cell-specific regulation of proliferation by Ano1/TMEM16A in breast cancer with different ER, PR, and HER2 status. Oncotarget, 2017, 8, 84996-85013.	1.8	29
15	Dysregulation of human bestrophin ϵ 1 by ceramide-induced dephosphorylation. Journal of Physiology, 2009, 587, 4379-4391.	2.9	26
16	Genetic Variations in <i>ABCG2</i> Gene Predict Breast Carcinoma Susceptibility and Clinical Outcomes after Treatment with Anthracycline-Based Chemotherapy. BioMed Research International, 2015, 2015, 1-12.	1.9	25
17	New Insights on the Regulation of Ca ²⁺ -Activated Chloride Channel TMEM16A. Journal of Cellular Physiology, 2017, 232, 707-716.	4.1	24
18	Associations of genetic polymorphisms in pTEN/AKT/mTOR signaling pathway genes with cancer risk: A meta-analysis in Asian population. Scientific Reports, 2017, 7, 17844.	3.3	24

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19	Acidic Amino Acids in the First Intracellular Loop Contribute to Voltage- and Calcium- Dependent Gating of Anoctamin1/TMEM16A. PLoS ONE, 2014, 9, e99376.	2.5	21
20	Combined expression of ezrin and E-cadherin is associated with lymph node metastasis and poor prognosis in breast cancer. Oncology Reports, 2015, 34, 165-174.	2.6	20
21	Activation of TMEM16A Ca ²⁺ -activated Cl ⁻ channels by ROCK1/moesin promotes breast cancer metastasis. Journal of Advanced Research, 2021, 33, 253-264.	9.5	20
22	Intrinsic adriamycin resistance in p53-mutated breast cancer is related to the miR-30c/FANCF/REV1-mediated DNA damage response. Cell Death and Disease, 2019, 10, 666.	6.3	19
23	The Hedgehog signaling pathway is associated with poor prognosis in breast cancer patients with the CD44 ⁺ /CD24 ⁻ phenotype. Molecular Medicine Reports, 2016, 14, 5261-5270.	2.4	13
24	The diverse roles of TMEM16A Ca ²⁺ -activated Cl ⁻ channels in inflammation. Journal of Advanced Research, 2021, 33, 53-68.	9.5	13
25	Honokiol inhibits proliferation of colorectal cancer cells by targeting anoctamin 1/TMEM16A Ca ²⁺ -activated Cl ⁻ channels. British Journal of Pharmacology, 2021, 178, 4137-4154.	5.4	11
26	Ca ²⁺ -activated Cl ⁻ channel TMEM16A inhibition by cholesterol promotes angiogenesis in endothelial cells. Journal of Advanced Research, 2021, 29, 23-32.	9.5	10
27	EZH2 inhibition sensitizes tamoxifen-resistant breast cancer cells through cell cycle regulation. Molecular Medicine Reports, 2017, 17, 2642-2650.	2.4	9
28	Simvastatin inhibits oral squamous cell carcinoma by targeting TMEM16A Ca ²⁺ -activated chloride channel. Journal of Cancer Research and Clinical Oncology, 2021, 147, 1699-1711.	2.5	9
29	Poly(ADP-ribose) polymerase-3 overexpression is associated with poor prognosis in patients with breast cancer following chemotherapy. Oncology Letters, 2018, 16, 5621-5630.	1.8	7
30	Combined expression of aldehyde dehydrogenase 1A1 and β -catenin is associated with lymph node metastasis and poor survival in breast cancer patients following cyclophosphamide treatment. Oncology Reports, 2015, 34, 3163-3173.	2.6	5
31	Comprehensive Analysis of Prognostic Microenvironment-Related Genes in Invasive Breast Cancer. Frontiers in Oncology, 2021, 11, 576911.	2.8	3