

Wan Namkung

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55
papers

1,968
citations

19
h-index

44
g-index

65
ext. papers

2,288
ext. citations

5
avg, IF

4.74
L-index

#	Paper	IF	Citations
55	Generation of a poly-functionalized indolizine scaffold and its anticancer activity in pancreatic cancer cells. <i>Bioorganic Chemistry</i> , 2022 , 126, 105877	5.1	0
54	Triterpenoid glycosides from the rhizomes of and their anoctamin-1 inhibitory activity. <i>Natural Product Research</i> , 2021 , 35, 4338-4346	2.3	3
53	Cinobufagin Exerts Anticancer Activity in Oral Squamous Cell Carcinoma Cells through Downregulation of ANO1. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
52	Isorhamnetin Ameliorates Dry Eye Disease via CFTR Activation in Mice. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
51	Novel positive allosteric modulator of protease-activated receptor 1 promotes skin wound healing in hairless mice. <i>British Journal of Pharmacology</i> , 2021 , 178, 3414-3427	8.6	1
50	Two new iridoid-sesquiterpene conjugates from <i>Rehmannia glutinosa</i> . <i>Phytochemistry Letters</i> , 2021 , 43, 208-211	1.9	1
49	Diethylstilbestrol, a Novel ANO1 Inhibitor, Exerts an Anticancer Effect on Non-Small Cell Lung Cancer via Inhibition of ANO1. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
48	Chemical constituents from and their cytotoxic activity. <i>Natural Product Research</i> , 2021 , 35, 3360-3369	2.3	2
47	Dihydrostilbene glycosides from var. <i>assamica</i> and their cytotoxic activity. <i>Natural Product Research</i> , 2021 , 1-7	2.3	1
46	Diversity-oriented generation and biological evaluation of new chemical scaffolds bearing a 2,2-dimethyl-2H-chromene unit: Discovery of novel potent ANO1 inhibitors. <i>Bioorganic Chemistry</i> , 2020 , 101, 104000	5.1	5
45	Four new sucrose diesters of substituted truxinic acids from <i>Trigonostemon honbaensis</i> with their anoctamin-1 inhibitory activity. <i>Bioorganic Chemistry</i> , 2020 , 102, 104058	5.1	6
44	A domino annulation approach to 3,4-diacylpyrrolo[1,2-a]pyrazines: decoration of pyrazine units. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 3324-3333	3.9	8
43	Potent and selective inhibition of anion exchange activity of SLC26A3 by DI330. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
42	Identification and characterization of a novel Anoctamin 1 inhibitor and its anticancer effects. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
41	Luteolin reduces fluid hypersecretion by inhibiting TMEM16A in interleukin-4 treated Calu-3 airway epithelial cells. <i>Korean Journal of Physiology and Pharmacology</i> , 2020 , 24, 329-338	1.8	4
40	Novel PAR2 antagonist ameliorates progression of lupus nephritis in NZB/Z F1 mice. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
39	Positive allosteric modulator of protease-activated receptor 1 promotes skin wound healing in hairless mice. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	

38	Oleanane-type triterpene saponins from leaves and their cytotoxic activity. <i>Natural Product Research</i> , 2020 , 1-8	2.3	4
37	Cytotoxic sesquiterpene glucosides from <i>Fissistigma pallens</i> . <i>Phytochemistry</i> , 2020 , 172, 112255	4	5
36	Expansion of chemical space based on a pyrrolo[1,2-a]pyrazine core: Synthesis and its anticancer activity in prostate cancer and breast cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2020 , 188, 111988	6.8	9
35	Domino [4 + 2] Annulation Access to Quinone-Indolizine Hybrids: Anticancer -Fused Polycycles. <i>Journal of Organic Chemistry</i> , 2020 , 85, 10994-11005	4.2	7
34	Punicalagin Ameliorates Lupus Nephritis via Inhibition of PAR2. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
33	Inhibition of Pendrin by a small molecule reduces Lipopolysaccharide-induced acute Lung Injury. <i>Theranostics</i> , 2020 , 10, 9913-9922	12.1	9
32	Novel ANO1 Inhibitor from Extract Exerts Anticancer Activity through Downregulation of ANO1. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
31	Novel pendrin inhibitor attenuates airway hyperresponsiveness and mucin expression in experimental murine asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 1425-1428.e12	11.5	6
30	Chemical Constituents of <i>Phoebe poilanei</i> and Their Cytotoxic Activity. <i>Natural Product Communications</i> , 2019 , 14, 1934578X1985096	0.9	
29	Identification of novel, potent and selective inhibitor of VRAC. <i>FASEB Journal</i> , 2019 , 33, 824.4	0.9	
28	Synthesis and biological evaluation of novel Ani9 derivatives as potent and selective ANO1 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018 , 160, 245-255	6.8	17
27	A synthetic ion transporter that disrupts autophagy and induces apoptosis by perturbing cellular chloride concentrations. <i>Nature Chemistry</i> , 2017 , 9, 667-675	17.6	158
26	Synergistic mucus secretion by histamine and IL-4 through TMEM16A in airway epithelium. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 313, L466-L476	5.8	26
25	Inhibition of ANO1 by luteolin and its cytotoxicity in human prostate cancer PC-3 cells. <i>PLoS ONE</i> , 2017 , 12, e0174935	3.7	36
24	Generation of B508-CFTR T84 cell lines by CRISPR/Cas9-mediated genome editing. <i>Biotechnology Letters</i> , 2016 , 38, 2023-2034	3	6
23	Enzyme-Responsive Procarriers Capable of Transporting Chloride Ions across Lipid and Cellular Membranes. <i>Journal of the American Chemical Society</i> , 2016 , 138, 15319-15322	16.4	26
22	Potential of B508- and G551D-CFTR-Mediated Cl ⁻ Current by Novel Hydroxypyrazolines. <i>PLoS ONE</i> , 2016 , 11, e0149131	3.7	6
21	Ani9, A Novel Potent Small-Molecule ANO1 Inhibitor with Negligible Effect on ANO2. <i>PLoS ONE</i> , 2016 , 11, e0155771	3.7	88

20	Synthetic aminopyrrolic receptors have apoptosis inducing activity. <i>Chemical Science</i> , 2015 , 6, 7284-7292	9.4	20
19	Benzopyrimido-pyrrolo-oxazine-dione (R)-BPO-27 Inhibits CFTR Chloride Channel Gating by Competition with ATP. <i>Molecular Pharmacology</i> , 2015 , 88, 689-96	4.3	13
18	Thick airway surface liquid volume and weak mucin expression in pendrin-deficient human airway epithelia. <i>Physiological Reports</i> , 2015 , 3, e12480	2.6	18
17	Inhibition of ANO1/TMEM16A Chloride Channel by Idebenone and Its Cytotoxicity to Cancer Cell Lines. <i>PLoS ONE</i> , 2015 , 10, e0133656	3.7	47
16	Chloride channel inhibition by a red wine extract and a synthetic small molecule prevents rotaviral secretory diarrhoea in neonatal mice. <i>Gut</i> , 2014 , 63, 1120-9	19.2	53
15	Synthetic ion transporters can induce apoptosis by facilitating chloride anion transport into cells. <i>Nature Chemistry</i> , 2014 , 6, 885-92	17.6	289
14	Developmental changes of ENaC expression and function in the inner ear of pendrin knock-out mice as a perspective on the development of endolymphatic hydrops. <i>PLoS ONE</i> , 2014 , 9, e95730	3.7	11
13	Identification of novel CFTR activator and its application to inducing chloride transport at the mouse ocular surface (654.7). <i>FASEB Journal</i> , 2014 , 28, 654.7	0.9	
12	Novel amino-carbonitrile-pyrazole identified in a small molecule screen activates wild-type and B508 cystic fibrosis transmembrane conductance regulator in the absence of a cAMP agonist. <i>Molecular Pharmacology</i> , 2013 , 84, 384-92	4.3	15
11	TMEM16A inhibitors reveal TMEM16A as a minor component of calcium-activated chloride channel conductance in airway and intestinal epithelial cells. <i>Journal of Biological Chemistry</i> , 2011 , 286, 2365-74	5.4	264
10	Small-molecule activators of TMEM16A, a calcium-activated chloride channel, stimulate epithelial chloride secretion and intestinal contraction. <i>FASEB Journal</i> , 2011 , 25, 4048-62	0.9	138
9	Inhibition of Ca ²⁺ -activated Cl ⁻ channels by gallotannins as a possible molecular basis for health benefits of red wine and green tea. <i>FASEB Journal</i> , 2010 , 24, 4178-86	0.9	150
8	CFTR-adenylyl cyclase I association responsible for UTP activation of CFTR in well-differentiated primary human bronchial cell cultures. <i>Molecular Biology of the Cell</i> , 2010 , 21, 2639-48	3.5	60
7	In situ measurement of airway surface liquid [K ⁺] using a ratioable K ⁺ -sensitive fluorescent dye. <i>Journal of Biological Chemistry</i> , 2009 , 284, 15916-26	5.4	39
6	Cell-based fluorescence screen for K ⁺ channels and transporters using an extracellular triazacryptand-based K ⁺ sensor. <i>Journal of the American Chemical Society</i> , 2008 , 130, 7794-5	16.4	65
5	PAR2 exerts local protection against acute pancreatitis via modulation of MAP kinase and MAP kinase phosphatase signaling. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 295, G886-94	5.1	18
4	Small-molecule screen identifies inhibitors of a human intestinal calcium-activated chloride channel. <i>Molecular Pharmacology</i> , 2008 , 73, 758-68	4.3	166
3	Base treatment corrects defects due to misfolding of mutant cystic fibrosis transmembrane conductance regulator. <i>Gastroenterology</i> , 2005 , 129, 1979-90	13.3	20

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| 2 | Protease-activated receptor 2 exerts local protection and mediates some systemic complications in acute pancreatitis. <i>Gastroenterology</i> , 2004 , 126, 1844-59 | 133 | 72 |
| 1 | Ca ²⁺ activates cystic fibrosis transmembrane conductance regulator- and Cl ⁻ -dependent HCO ₃ transport in pancreatic duct cells. <i>Journal of Biological Chemistry</i> , 2003 , 278, 200-7 | 54 | 54 |