

# Wan Namkung

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3104351/wan-namkung-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Synthetic ion transporters can induce apoptosis by facilitating chloride anion transport into cells. <i>Nature Chemistry</i> , <b>2014</b> , 6, 885-92	17.6	289
54	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> , <b>2011</b> , 286, 2365-74	5.4	264
53	Small-molecule screen identifies inhibitors of a human intestinal calcium-activated chloride channel. <i>Molecular Pharmacology</i> , <b>2008</b> , 73, 758-68	4.3	166
52	A synthetic ion transporter that disrupts autophagy and induces apoptosis by perturbing cellular chloride concentrations. <i>Nature Chemistry</i> , <b>2017</b> , 9, 667-675	17.6	158
51	Inhibition of Ca <sup>2+</sup> -activated Cl <sup>-</sup> channels by gallotannins as a possible molecular basis for health benefits of red wine and green tea. <i>FASEB Journal</i> , <b>2010</b> , 24, 4178-86	0.9	150
50	Small-molecule activators of TMEM16A, a calcium-activated chloride channel, stimulate epithelial chloride secretion and intestinal contraction. <i>FASEB Journal</i> , <b>2011</b> , 25, 4048-62	0.9	138
49	Ani9, A Novel Potent Small-Molecule ANO1 Inhibitor with Negligible Effect on ANO2. <i>PLoS ONE</i> , <b>2016</b> , 11, e0155771	3.7	88
48	Protease-activated receptor 2 exerts local protection and mediates some systemic complications in acute pancreatitis. <i>Gastroenterology</i> , <b>2004</b> , 126, 1844-59	13.3	72
47	Cell-based fluorescence screen for K <sup>+</sup> channels and transporters using an extracellular triazacryptand-based K <sup>+</sup> sensor. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 7794-5	16.4	65
46	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> , <b>2010</b> , 21, 2639-48	3.5	60
45	Ca <sup>2+</sup> activates cystic fibrosis transmembrane conductance regulator- and Cl <sup>-</sup> -dependent HCO <sub>3</sub> <sup>-</sup> transport in pancreatic duct cells. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 200-7	5.4	54
44	Chloride channel inhibition by a red wine extract and a synthetic small molecule prevents rotaviral secretory diarrhoea in neonatal mice. <i>Gut</i> , <b>2014</b> , 63, 1120-9	19.2	53
43	Inhibition of ANO1/TMEM16A Chloride Channel by Idebenone and Its Cytotoxicity to Cancer Cell Lines. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133656	3.7	47
42	In situ measurement of airway surface liquid [K <sup>+</sup> ] using a ratioable K <sup>+</sup> -sensitive fluorescent dye. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 15916-26	5.4	39
41	Inhibition of ANO1 by luteolin and its cytotoxicity in human prostate cancer PC-3 cells. <i>PLoS ONE</i> , <b>2017</b> , 12, e0174935	3.7	36
40	Synergistic mucus secretion by histamine and IL-4 through TMEM16A in airway epithelium. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2017</b> , 313, L466-L476	5.8	26
39	Enzyme-Responsive Procarriers Capable of Transporting Chloride Ions across Lipid and Cellular Membranes. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 15319-15322	16.4	26

38	Synthetic aminopyrrolic receptors have apoptosis inducing activity. <i>Chemical Science</i> , <b>2015</b> , 6, 7284-7292	9.4	20
37	Base treatment corrects defects due to misfolding of mutant cystic fibrosis transmembrane conductance regulator. <i>Gastroenterology</i> , <b>2005</b> , 129, 1979-90	13.3	20
36	Thick airway surface liquid volume and weak mucin expression in pendrin-deficient human airway epithelia. <i>Physiological Reports</i> , <b>2015</b> , 3, e12480	2.6	18
35	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> , <b>2008</b> , 295, G886-94	5.1	18
34	Synthesis and biological evaluation of novel Ani9 derivatives as potent and selective ANO1 inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 160, 245-255	6.8	17
33	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> , <b>2013</b> , 84, 384-92	4.3	15
32	Benzopyrimido-pyrrolo-oxazine-dione (R)-BPO-27 Inhibits CFTR Chloride Channel Gating by Competition with ATP. <i>Molecular Pharmacology</i> , <b>2015</b> , 88, 689-96	4.3	13
31	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> , <b>2014</b> , 9, e95730	3.7	11
30	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> , <b>2020</b> , 188, 111988	6.8	9
29	Inhibition of Pendrin by a small molecule reduces Lipopolysaccharide-induced acute Lung Injury. <i>Theranostics</i> , <b>2020</b> , 10, 9913-9922	12.1	9
28	A domino annulation approach to 3,4-diacylpyrrolo[1,2-a]pyrazines: decoration of pyrazine units. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 3324-3333	3.9	8
27	Domino [4 + 2] Annulation Access to Quinone-Indolizine Hybrids: Anticancer -Fused Polycycles. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 10994-11005	4.2	7
26	Novel pendrin inhibitor attenuates airway hyperresponsiveness and mucin expression in experimental murine asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 144, 1425-1428.e12	11.5	6
25	Four new sucrose diesters of substituted truxinic acids from <i>Trigonostemon honbaensis</i> with their anoctamin-1 inhibitory activity. <i>Bioorganic Chemistry</i> , <b>2020</b> , 102, 104058	5.1	6
24	Generation of B508-CFTR T84 cell lines by CRISPR/Cas9-mediated genome editing. <i>Biotechnology Letters</i> , <b>2016</b> , 38, 2023-2034	3	6
23	Potentiation of B508- and G551D-CFTR-Mediated Cl <sup>-</sup> Current by Novel Hydroxypyrazolines. <i>PLoS ONE</i> , <b>2016</b> , 11, e0149131	3.7	6
22	Punicalagin Ameliorates Lupus Nephritis via Inhibition of PAR2. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
21	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> , <b>2020</b> , 101, 104000	5.1	5

20	Cytotoxic sesquiterpene glucosides from <i>Fissistigma pallens</i> . <i>Phytochemistry</i> , <b>2020</b> , 172, 112255	4	5
19	Novel ANO1 Inhibitor from Extract Exerts Anticancer Activity through Downregulation of ANO1. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
18	Luteolin reduces fluid hypersecretion by inhibiting TMEM16A in interleukin-4 treated Calu-3 airway epithelial cells. <i>Korean Journal of Physiology and Pharmacology</i> , <b>2020</b> , 24, 329-338	1.8	4
17	Oleanane-type triterpene saponins from leaves and their cytotoxic activity. <i>Natural Product Research</i> , <b>2020</b> , 1-8	2.3	4
16	Isorhamnetin Ameliorates Dry Eye Disease via CFTR Activation in Mice. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
15	Triterpenoid glycosides from the rhizomes of and their anoctamin-1 inhibitory activity. <i>Natural Product Research</i> , <b>2021</b> , 35, 4338-4346	2.3	3
14	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> , <b>2021</b> , 22,	6.3	3
13	Cinobufagin Exerts Anticancer Activity in Oral Squamous Cell Carcinoma Cells through Downregulation of ANO1. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
12	Chemical constituents from and their cytotoxic activity. <i>Natural Product Research</i> , <b>2021</b> , 35, 3360-3369	2.3	2
11	Novel positive allosteric modulator of protease-activated receptor 1 promotes skin wound healing in hairless mice. <i>British Journal of Pharmacology</i> , <b>2021</b> , 178, 3414-3427	8.6	1
10	Two new iridoid-sesquiterpene conjugates from <i>Rehmannia glutinosa</i> . <i>Phytochemistry Letters</i> , <b>2021</b> , 43, 208-211	1.9	1
9	Dihydrostilbene glycosides from var. <i>assamica</i> and their cytotoxic activity. <i>Natural Product Research</i> , <b>2021</b> , 1-7	2.3	1
8	Generation of a poly-functionalized indolizine scaffold and its anticancer activity in pancreatic cancer cells. <i>Bioorganic Chemistry</i> , <b>2022</b> , 126, 105877	5.1	0
7	Chemical Constituents of <i>Phoebe poilanei</i> and Their Cytotoxic Activity. <i>Natural Product Communications</i> , <b>2019</b> , 14, 1934578X1985096	0.9	
6	Potent and selective inhibition of anion exchange activity of SLC26A3 by DI330. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
5	Identification and characterization of a novel Anoctamin 1 inhibitor and its anticancer effects. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
4	Identification of novel, potent and selective inhibitor of VRAC. <i>FASEB Journal</i> , <b>2019</b> , 33, 824.4	0.9	
3	Novel PAR2 antagonist ameliorates progression of lupus nephritis in NZB/Z F1 mice. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	

- 2 Positive allosteric modulator of protease-activated receptor 1 promotes skin wound healing in hairless mice. *FASEB Journal*, **2020**, 34, 1-1 0.9
- 1 Identification of novel CFTR activator and its application to inducing chloride transport at the mouse ocular surface (654.7). *FASEB Journal*, **2014**, 28, 654.7 0.9