

# Dysfunction of volume-sensitive chloride channels con human lung adenocarcinoma cells

Experimental Biology and Medicine

236, 483-491

DOI: [10.1258/ebm.2011.010297](https://doi.org/10.1258/ebm.2011.010297)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Ion channels and transporters in cancer. 5. Ion channels in control of cancer and cell apoptosis. American Journal of Physiology - Cell Physiology, 2011, 301, C1281-C1289.	2.1	71
2	New findings concerning vertebrate porin II " On the relevance of glycine motifs of type-1 VDAC. Molecular Genetics and Metabolism, 2013, 108, 212-224.	0.5	13
3	DCPIB, the Proposed Selective Blocker of Volume-Regulated Anion Channels, Inhibits Several Glutamate Transport Pathways in Glial Cells. Molecular Pharmacology, 2013, 83, 22-32.	1.0	67
4	Cisplatin-induced ototoxicity: Transporters playing a role in cisplatin toxicity. Hearing Research, 2013, 299, 37-45.	0.9	84
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6	The ClC-3 chloride channel associated with microtubules is a target of paclitaxel in its induced-apoptosis. Scientific Reports, 2013, 3, 2615.	1.6	30
7	Cell volume regulation in epithelial physiology and cancer. Frontiers in Physiology, 2013, 4, 233.	1.3	81
8	Acquired cisplatin resistance in human ovarian A2780 cancer cells correlates with shift in taurine homeostasis and ability to volume regulate. American Journal of Physiology - Cell Physiology, 2014, 307, C1071-C1080.	2.1	54
9	Increase in Hypotonic Stress-Induced Endocytic Activity in Macrophages via ClC-3. Molecules and Cells, 2014, 37, 418-425.	1.0	11
10	Ion channels and transporters in the development of drug resistance in cancer cells. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130109.	1.8	93
11	Functions of volume-sensitive and calcium-activated chloride channels. IUBMB Life, 2014, 66, 257-267.	1.5	35
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14	Volume-sensitive chloride channels are involved in cisplatin treatment of osteosarcoma. Molecular Medicine Reports, 2015, 11, 2465-2470.	1.1	17
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16	Ion channels in the regulation of apoptosis. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 2532-2546.	1.4	152
17	The volume-regulated anion channel is formed by LRRC8 heteromers " molecular identification and roles in membrane transport and physiology. Biological Chemistry, 2015, 396, 975-990.	1.2	49
18	Cisplatin Activates Volume-Sensitive Like Chloride Channels Via Purinergic Receptor Pathways in Nasopharyngeal Carcinoma Cells. Journal of Membrane Biology, 2015, 248, 19-29.	1.0	13

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19	VRACs and other ion channels and transporters in the regulation of cell volume and beyond. <i>Nature Reviews Molecular Cell Biology</i> , 2016, 17, 293-307.	16.1	251
20	In silico analysis of the transportome in human pancreatic ductal adenocarcinoma. <i>European Biophysics Journal</i> , 2016, 45, 749-763.	1.2	14
21	Downregulation of LRRC8A protects human ovarian and alveolar carcinoma cells against Cisplatin-induced expression of p53, MDM2, p21 <sup>Waf1/Cip1</sup> , and Caspase-9/-3 activation. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C857-C873.	2.1	53
22	Cellular defects by deletion of ANO10 are due to deregulated local calcium signaling. <i>Cellular Signalling</i> , 2017, 30, 41-49.	1.7	45
23	Stress-induced modulation of volume-regulated anions channels in human alveolar carcinoma cells. <i>Physiological Reports</i> , 2018, 6, e13869.	0.7	12
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26	Facilitating the Cellular Accumulation of Pt-Based Chemotherapeutic Drugs. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2249.	1.8	11
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29	Somatic Mutations Profile of a Young Patient With Metastatic Urothelial Carcinoma Reveals Mutations in Genes Involved in Ion Channels. <i>Frontiers in Oncology</i> , 2019, 9, 435.	1.3	11
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31	Unexpected therapeutic effects of cisplatin. <i>Metallomics</i> , 2019, 11, 1182-1199.	1.0	67
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34	Exploring the relationship between cytoplasmic ion content variation and multidrug resistance in cancer cells via ion-release based impedance spectroscopy. <i>Sensors and Actuators B: Chemical</i> , 2019, 290, 180-187.	4.0	7
35	&#x26;p&#x26;The Role of the Reactive Oxygen Species Scavenger Agent, Astaxanthin, in the Protection of Cisplatin-Treated Patients Against Hearing Loss&#x26;p&#x26;. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 4291-4303.	2.0	12
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38	Ion Channels in Lung Cancer. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2020, , 57-79.	0.9	9
39	Ion Channels in Glioma Malignancy. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2020, , 223-267.	0.9	17
40	Impaired actin filaments decrease cisplatin sensitivity via dysfunction of volume-sensitive Cl <sup>-</sup> channels in human epidermoid carcinoma cells. <i>Journal of Cellular Physiology</i> , 2020, 235, 9589-9600.	2.0	5
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