

Mohamad Kourghi

List of Publications by Year in descending order

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papers

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citations

1040056

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docs citations

9
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528
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonselective cation channel activity of aquaporin AQP2;1 regulated by Ca ²⁺ and pH. Plant, Cell and Environment, 2017, 40, 802-815.	5.7	153
2	Divalent Cations Regulate the Ion Conductance Properties of Diverse Classes of Aquaporins. International Journal of Molecular Sciences, 2017, 18, 2323.	4.1	57
3	Bumetanide Derivatives AqB007 and AqB011 Selectively Block the Aquaporin-1 Ion Channel Conductance and Slow Cancer Cell Migration. Molecular Pharmacology, 2016, 89, 133-140.	2.3	54
4	Differential Inhibition of Water and Ion Channel Activities of Mammalian Aquaporin-1 by Two Structurally Related Bacopaside Compounds Derived from the Medicinal Plant <i>Bacopa monnieri</i> . Molecular Pharmacology, 2016, 90, 496-507.	2.3	50
5	Fundamental structural and functional properties of Aquaporin ion channels found across the kingdoms of life. Clinical and Experimental Pharmacology and Physiology, 2018, 45, 401-409.	1.9	35
6	Combined pharmacological administration of AQP1 ion channel blocker AqB011 and water channel blocker Bacopaside II amplifies inhibition of colon cancer cell migration. Scientific Reports, 2019, 9, 12635.	3.3	30
7	5-Hydroxymethyl-Furfural and Structurally Related Compounds Block the Ion Conductance in Human Aquaporin-1 Channels and Slow Cancer Cell Migration and Invasion. Molecular Pharmacology, 2020, 98, 38-48.	2.3	21
8	Identification of Loop D Domain Amino Acids in the Human Aquaporin-1 Channel Involved in Activation of the Ionic Conductance and Inhibition by AqB011. Frontiers in Chemistry, 2018, 6, 142.	3.6	19
9	Development of a Photoswitchable Lithium-Sensitive Probe to Analyze Nonselective Cation Channel Activity in Migrating Cancer Cells. Molecular Pharmacology, 2019, 95, 573-583.	2.3	17