

Mohamad Kourghi

List of Publications by Year in descending order

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9
papers

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citations

1039880
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528
citing authors

#	ARTICLE	IF	CITATIONS
1	5-Hydroxymethyl-Furfural and Structurally Related Compounds Block the Ion Conductance in Human Aquaporin-1 Channels and Slow Cancer Cell Migration and Invasion. <i>Molecular Pharmacology</i> , 2020, 98, 38-48.	1.0	21
2	Combined pharmacological administration of AQP1 ion channel blocker AqB011 and water channel blocker Bacopaside II amplifies inhibition of colon cancer cell migration. <i>Scientific Reports</i> , 2019, 9, 12635.	1.6	30
3	Development of a Photoswitchable Lithium-Sensitive Probe to Analyze Nonselective Cation Channel Activity in Migrating Cancer Cells. <i>Molecular Pharmacology</i> , 2019, 95, 573-583.	1.0	17
4	Fundamental structural and functional properties of Aquaporin ion channels found across the kingdoms of life. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 401-409.	0.9	35
5	Identification of Loop D Domain Amino Acids in the Human Aquaporin-1 Channel Involved in Activation of the Ionic Conductance and Inhibition by AqB011. <i>Frontiers in Chemistry</i> , 2018, 6, 142.	1.8	19
6	Non-selective cation channel activity of aquaporin AtPIP2;1 regulated by Ca^{2+} and pH. <i>Plant, Cell and Environment</i> , 2017, 40, 802-815.	2.8	153
7	Divalent Cations Regulate the Ion Conductance Properties of Diverse Classes of Aquaporins. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2323.	1.8	57
8	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> . <i>Molecular Pharmacology</i> , 2016, 90, 496-507.	1.0	50
9	Bumetanide Derivatives AqB007 and AqB011 Selectively Block the Aquaporin-1 Ion Channel Conductance and Slow Cancer Cell Migration. <i>Molecular Pharmacology</i> , 2016, 89, 133-140.	1.0	54