

Yassine El-Hiani

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,154
citations

361296

20
h-index

414303

32
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all docs

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docs citations

46
times ranked

1219
citing authors

#	ARTICLE	IF	CITATIONS
1	Two positively charged amino acid side-chains in the inner vestibule of the CFTR channel pore play analogous roles in controlling anion binding and anion conductance. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 5213-5223.	2.4	2
2	Inhibiting BCKDK in triple negative breast cancer suppresses protein translation, impairs mitochondrial function, and potentiates doxorubicin cytotoxicity. <i>Cell Death Discovery</i> , 2021, 7, 241.	2.0	14
3	Electrostatic Tuning of Anion Attraction from the Cytoplasm to the Pore of the CFTR Chloride Channel. <i>Cell Biochemistry and Biophysics</i> , 2020, 78, 15-22.	0.9	4
4	Branched-chain ketoacid overload inhibits insulin action in the muscle. <i>Journal of Biological Chemistry</i> , 2020, 295, 15597-15621.	1.6	26
5	TRPML1 Emerging Roles in Cancer. <i>Cells</i> , 2020, 9, 2682.	1.8	4
6	Getting Lost in the Cell Lysosomal Entrapment of Chemotherapeutics. <i>Cancers</i> , 2020, 12, 3669.	1.7	6
7	Lessons from the Endoplasmic Reticulum Ca ²⁺ Transporters A Cancer Connection. <i>Cells</i> , 2020, 9, 1536.	1.8	15
8	Exploring the Therapeutic Potential of Membrane Transport Proteins: Focus on Cancer and Chemoresistance. <i>Cancers</i> , 2020, 12, 1624.	1.7	14
9	The Role of Mitochondrial Calcium Signaling in the Pathophysiology of Cancer Cells. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1131, 747-770.	0.8	29
10	A lysosome independent role for TFEB in activating DNA repair and inhibiting apoptosis in breast cancer cells. <i>Biochemical Journal</i> , 2020, 477, 137-160.	1.7	28
11	Evolving use of natriuretic peptide receptor type-C as part of strategies for the treatment of pulmonary hypertension due to left ventricle heart failure. <i>International Journal of Cardiology</i> , 2019, 281, 172-178.	0.8	9
12	mTOR signalling: jack-of-all-trades. <i>Biochemistry and Cell Biology</i> , 2019, 97, 58-67.	0.9	19
13	Localization of keyhole limpet hemocyanin-like immunoreactivity in the nervous system of <i>Biomphalaria alexandrina</i> . <i>Journal of Neuroscience Research</i> , 2019, 97, 1469-1482.	1.3	4
14	TRP channels in gastric cancer: New hopes and clinical perspectives. <i>Cell Calcium</i> , 2019, 82, 102053.	1.1	23
15	Inhibition of Pyruvate Dehydrogenase Kinase Enhances the Antitumor Efficacy of Oncolytic Reovirus. <i>Cancer Research</i> , 2019, 79, 3824-3836.	0.4	21
16	The lysosomal TRPML1 channel regulates triple negative breast cancer development by promoting mTORC1 and purinergic signaling pathways. <i>Cell Calcium</i> , 2019, 79, 80-88.	1.1	46
17	TRPM2 ion channel promotes gastric cancer migration, invasion and tumor growth through the AKT signaling pathway. <i>Scientific Reports</i> , 2019, 9, 4182.	1.6	48
18	TRPM2 Silencing Causes G2/M Arrest and Apoptosis in Lung Cancer Cells via Increasing Intracellular ROS and RNS Levels and Activating the JNK Pathway. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 742-757.	1.1	25

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19	Functional organization of cytoplasmic portals controlling access to the cystic fibrosis transmembrane conductance regulator (CFTR) chloride channel pore. <i>Journal of Biological Chemistry</i> , 2018, 293, 5649-5658.	1.6	19
20	Conformational change of the extracellular parts of the CFTR protein during channel gating. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 3027-3038.	2.4	5
21	Plasma Sphingolipidome as a Surrogate for Human Metabolic Health. <i>Journal of the American College of Cardiology</i> , 2018, 71, 814-815.	1.2	0
22	TRPM2 channel-mediated regulation of autophagy maintains mitochondrial function and promotes gastric cancer cell survival via the JNK-signaling pathway. <i>Journal of Biological Chemistry</i> , 2018, 293, 3637-3650.	1.6	89
23	The hidden potential of lysosomal ion channels: A new era of oncogenes. <i>Cell Calcium</i> , 2018, 72, 91-103.	1.1	40
24	Time to redefine body mass index categories in chronic diseases? Spotlight on obesity paradox. <i>International Journal of Food Sciences and Nutrition</i> , 2018, 69, 513-523.	1.3	3
25	Dynamic changes of the composition of plasma HDL particles in patients with cardiac disease: Spotlight on sphingosine-1-phosphate/serum amyloid A ratio. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 319-325.	0.9	3
26	Contribution of a leucine residue in the first transmembrane segment to the selectivity filter region in the CFTR chloride channel. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1049-1058.	1.4	13
27	A natriuretic peptides clearance receptor's agonist reduces pulmonary artery pressures and enhances cardiac performance in preclinical models: New hope for patients with pulmonary hypertension due to left ventricular heart failure. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 1144-1150.	2.5	12
28	New insights and new hope for pulmonary arterial hypertension: natriuretic peptides clearance receptor as a novel therapeutic target for a complex disease. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , 2017, 9, 112-118.	0.8	10
29	Cytoplasmic pathway followed by chloride ions to enter the CFTR channel pore. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 1917-1925.	2.4	26
30	Functional Architecture of the Cytoplasmic Entrance to the Cystic Fibrosis Transmembrane Conductance Regulator Chloride Channel Pore. <i>Journal of Biological Chemistry</i> , 2015, 290, 15855-15865.	1.6	36
31	Metal Bridges Illuminate Transmembrane Domain Movements during Gating of the Cystic Fibrosis Transmembrane Conductance Regulator Chloride Channel. <i>Journal of Biological Chemistry</i> , 2014, 289, 28149-28159.	1.6	12
32	Relative contribution of different transmembrane segments to the CFTR chloride channel pore. <i>Pflügers Archiv European Journal of Physiology</i> , 2014, 466, 477-490.	1.3	32
33	Conformational changes opening and closing the CFTR chloride channel: Insights from cysteine scanning mutagenesis. <i>Biochemistry and Cell Biology</i> , 2014, 92, 481-488.	0.9	12
34	Role of the Juxtamembrane Region of Cytoplasmic Loop 3 in the Gating and Conductance of the Cystic Fibrosis Transmembrane Conductance Regulator Chloride Channel. <i>Biochemistry</i> , 2012, 51, 3971-3981.	1.2	9
35	Tuning of CFTR Chloride Channel Function by Location of Positive Charges within the Pore. <i>Biophysical Journal</i> , 2012, 103, 1719-1726.	0.2	26
36	Functional arrangement of the 12th transmembrane region in the CFTR chloride channel pore based on functional investigation of a cysteine-less CFTR variant. <i>Pflügers Archiv European Journal of Physiology</i> , 2011, 462, 559-571.	1.3	41

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37	Alignment of transmembrane regions in the cystic fibrosis transmembrane conductance regulator chloride channel pore. <i>Journal of General Physiology</i> , 2011, 138, 165-178.	0.9	54
38	Changes in Accessibility of Cytoplasmic Substances to the Pore Associated with Activation of the Cystic Fibrosis Transmembrane Conductance Regulator Chloride Channel. <i>Journal of Biological Chemistry</i> , 2010, 285, 32126-32140.	1.6	53
39	Extracellular Signal-Regulated Kinases 1 and 2 and TRPC1 Channels are Required for Calcium-Sensing Receptor-Stimulated MCF-7 Breast Cancer Cell Proliferation. <i>Cellular Physiology and Biochemistry</i> , 2009, 23, 335-346.	1.1	96
40	Activation of the calcium-sensing receptor by high calcium induced breast cancer cell proliferation and TRPC1 cation channel over-expression potentially through EGFR pathways. <i>Archives of Biochemistry and Biophysics</i> , 2009, 486, 58-63.	1.4	68
41	Expression of TRPC6 channels in human epithelial breast cancer cells. <i>BMC Cancer</i> , 2008, 8, 125.	1.1	81
42	Expression of K ⁺ channels in normal and cancerous human breast. <i>Histology and Histopathology</i> , 2008, 23, 965-72.	0.5	31
43	Calcium-Sensing Receptor Stimulation Induces Nonselective Cation Channel Activation in Breast Cancer Cells. <i>Journal of Membrane Biology</i> , 2006, 211, 127-137.	1.0	33