Yassine El-Hiani

List of Publications by Year
in descending order

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43	1,154	361413	414414
papers	citations	20 h-index	32 g-index

46	46	46	1219
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Extracellular Signal-Regulated Kinases 1 and 2 and TRPC1 Channels are Required for Calcium-Sensing Receptor-Stimulated MCF-7 Breast Cancer Cell Proliferation. Cellular Physiology and Biochemistry, 2009, 23, 335-346.	1.6	96
2	TRPM2 channelâ€“mediated regulation of autophagy maintains mitochondrial function and promotes gastric cancer cell survival via the JNK-signaling pathway. Journal of Biological Chemistry, 2018, 293, 3637-3650.	3.4	89
3	Expression of TRPC6 channels in human epithelial breast cancer cells. BMC Cancer, 2008, 8, 125.	2.6	81
4	Activation of the calcium-sensing receptor by high calcium induced breast cancer cell proliferation and TRPC1 cation channel over-expression potentially through EGFR pathways. Archives of Biochemistry and Biophysics, 2009, 486, 58-63.	3.0	68
5	Alignment of transmembrane regions in the cystic fibrosis transmembrane conductance regulator chloride channel pore. Journal of General Physiology, 2011, 138, 165-178.	1.9	54
6	Changes in Accessibility of Cytoplasmic Substances to the Pore Associated with Activation of the Cystic Fibrosis Transmembrane Conductance Regulator Chloride Channel. Journal of Biological Chemistry, 2010, 285, 32126-32140.	3.4	53
7	TRPM2 ion channel promotes gastric cancer migration, invasion and tumor growth through the AKT signaling pathway. Scientific Reports, 2019, 9, 4182.	3.3	48
8	The lysosomal TRPML1 channel regulates triple negative breast cancer development by promoting mTORC1 and purinergic signaling pathways. Cell Calcium, 2019, 79, 80-88.	2.4	46
9	Functional arrangement of the 12th transmembrane region in the CFTR chloride channel pore based on functional investigation of a cysteine-less CFTR variant. Pflugers Archiv European Journal of Physiology, 2011, 462, 559-571.	2.8	41
10	The hidden potential of lysosomal ion channels: A new era of oncogenes. Cell Calcium, 2018, 72, 91-103.	2.4	40
11	Functional Architecture of the Cytoplasmic Entrance to the Cystic Fibrosis Transmembrane Conductance Regulator Chloride Channel Pore. Journal of Biological Chemistry, 2015, 290, 15855-15865.	3.4	36
12	Calcium-Sensing Receptor Stimulation Induces Nonselective Cation Channel Activation in Breast Cancer Cells. Journal of Membrane Biology, 2006, 211, 127-137.	2.1	33
13	Relative contribution of different transmembrane segments to the CFTR chloride channel pore. Pflugers Archiv European Journal of Physiology, 2014, 466, 477-490.	2.8	32
14	Expression of K+ channels in normal and cancerous human breast. Histology and Histopathology, 2008, 23, 965-72.	0.7	31
15	The Role of Mitochondrial Calcium Signaling in the Pathophysiology of Cancer Cells. Advances in Experimental Medicine and Biology, 2020, 1131, 747-770.	1.6	29
16	A lysosome independent role for TFEB in activating DNA repair and inhibiting apoptosis in breast cancer cells. Biochemical Journal, 2020, 477, 137-160.	3.7	28
17	Tuning of CFTR Chloride Channel Function by Location of Positive Charges within the Pore. Biophysical Journal, 2012, 103, 1719-1726.	0.5	26
18	Cytoplasmic pathway followed by chloride ions to enter the CFTR channel pore. Cellular and Molecular Life Sciences, 2016, 73, 1917-1925.	5.4	26

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19	Branched-chain ketoacid overload inhibits insulin action in the muscle. Journal of Biological Chemistry, 2020, 295, 15597-15621.	3.4	26
20	TRPM2 Silencing Causes G2/M Arrest and Apoptosis in Lung Cancer Cells via Increasing Intracellular ROS and RNS Levels and Activating the JNK Pathway. Cellular Physiology and Biochemistry, 2019, 52, 742-757.	1.6	25
21	TRP channels in gastric cancer: New hopes and clinical perspectives. Cell Calcium, 2019, 82, 102053.	2.4	23
22	Inhibition of Pyruvate Dehydrogenase Kinase Enhances the Antitumor Efficacy of Oncolytic Reovirus. Cancer Research, 2019, 79, 3824-3836.	0.9	21
23	Functional organization of cytoplasmic portals controlling access to the cystic fibrosis transmembrane conductance regulator (CFTR) chloride channel pore. Journal of Biological Chemistry, 2018, 293, 5649-5658.	3.4	19
24	mTOR signalling: jack-of-all-trades. Biochemistry and Cell Biology, 2019, 97, 58-67.	2.0	19
25	Lessons from the Endoplasmic Reticulum Ca2+ Transportersâ€"A Cancer Connection. Cells, 2020, 9, 1536.	4.1	15
26	Exploring the Therapeutic Potential of Membrane Transport Proteins: Focus on Cancer and Chemoresistance. Cancers, 2020, 12, 1624.	3.7	14
27	Inhibiting BCKDK in triple negative breast cancer suppresses protein translation, impairs mitochondrial function, and potentiates doxorubicin cytotoxicity. Cell Death Discovery, 2021, 7, 241.	4.7	14
28	Contribution of a leucine residue in the first transmembrane segment to the selectivity filter region in the CFTR chloride channel. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 1049-1058.	2.6	13
29	Metal Bridges Illuminate Transmembrane Domain Movements during Gating of the Cystic Fibrosis Transmembrane Conductance Regulator Chloride Channel. Journal of Biological Chemistry, 2014, 289, 28149-28159.	3.4	12
30	Conformational changes opening and closing the CFTR chloride channel: Insights from cysteine scanning mutagenesis. Biochemistry and Cell Biology, 2014, 92, 481-488.	2.0	12
31	A natriuretic peptides clearance receptorâ€™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. Biomedicine and Pharmacotherapy, 2017, 93, 1144-1150.	5.6	12
32	New insights and new hope for pulmonary arterial hypertension: natriuretic peptides clearance receptor as a novel therapeutic target for a complex disease. International Journal of Physiology, Pathophysiology and Pharmacology, 2017, 9, 112-118.	0.8	10
33	Role of the Juxtamembrane Region of Cytoplasmic Loop 3 in the Gating and Conductance of the Cystic Fibrosis Transmembrane Conductance Regulator Chloride Channel. Biochemistry, 2012, 51, 3971-3981.	2.5	9
34	Evolving use of natriuretic peptide receptor type-C as part of strategies for the treatment of pulmonary hypertension due to left ventricle heart failure. International Journal of Cardiology, 2019, 281, 172-178.	1.7	9
35	Getting Lost in the Cellâ€"Lysosomal Entrapment of Chemotherapeutics. Cancers, 2020, 12, 3669.	3.7	6
36	Conformational change of the extracellular parts of the CFTR protein during channel gating. Cellular and Molecular Life Sciences, 2018, 75, 3027-3038.	5.4	5

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37	Localization of keyhole limpet hemocyaninâ€like immunoreactivity in the nervous system of Biomphalaria alexandrina. Journal of Neuroscience Research, 2019, 97, 1469-1482.	2.9	4
38	Electrostatic Tuning of Anion Attraction from the Cytoplasm to the Pore of the CFTR Chloride Channel. Cell Biochemistry and Biophysics, 2020, 78, 15-22.	1.8	4
39	TRPML1â€”Emerging Roles in Cancer. Cells, 2020, 9, 2682.	4.1	4
40	Time to redefine body mass index categories in chronic diseases? Spotlight on obesity paradox. International Journal of Food Sciences and Nutrition, 2018, 69, 513-523.	2.8	3
41	Dynamic changes of the composition of plasma <scp>HDL</scp> particles in patients with cardiac disease: Spotlight on sphingosineâ€1â€phosphate/serum amyloid A ratio. Clinical and Experimental Pharmacology and Physiology, 2018, 45, 319-325.	1.9	3
42	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. Cellular and Molecular Life Sciences, 2021, 78, 5213-5223.	5.4	2
43	Plasma Sphingolipidome as a Surrogate for Human Metabolic Heath. Journal of the American College of Cardiology, 2018, 71, 814-815.	2.8	0