

Iman Azimi

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,388
citations

394286

19
h-index

434063

31
g-index

33
all docs

33
docs citations

33
times ranked

2208
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of epithelialâ€mesenchymal transition (EMT) in breast cancer cells is calcium signal dependent. <i>Oncogene</i> , 2014, 33, 2307-2316.	2.6	290
2	Calcium influx pathways in breast cancer: opportunities for pharmacological intervention. <i>British Journal of Pharmacology</i> , 2014, 171, 945-960.	2.7	123
3	Hypoxia-induced reactive oxygen species mediate N-cadherin and SERPINE1 expression, EGFR signalling and motility in MDA-MB-468 breast cancer cells. <i>Scientific Reports</i> , 2017, 7, 15140.	1.6	99
4	Stepwise Degradable Nanocarriers Enabled Cascade Delivery for Synergistic Cancer Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1800706.	7.8	96
5	Altered purinergic receptorâ€Ca ²⁺ signaling associated with hypoxiaâ€induced epithelialâ€mesenchymal transition in breast cancer cells. <i>Molecular Oncology</i> , 2016, 10, 166-178.	2.1	77
6	Distinct pharmacological profiles of ORAI1, ORAI2, and ORAI3 channels. <i>Cell Calcium</i> , 2020, 91, 102281.	1.1	71
7	TRPC1 is a differential regulator of hypoxia-mediated events and Akt signaling in PTEN-deficient breast cancer cells. <i>Journal of Cell Science</i> , 2017, 130, 2292-2305.	1.2	69
8	Ca ²⁺ mediates extracellular vesicle biogenesis through alternate pathways in malignancy. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1734326.	5.5	55
9	ORAI1 and ORAI3 in Breast Cancer Molecular Subtypes and the Identification of ORAI3 as a Hypoxia Sensitive Gene and a Regulator of Hypoxia Responses. <i>Cancers</i> , 2019, 11, 208.	1.7	47
10	Calcium Signaling in Brain Cancers: Roles and Therapeutic Targeting. <i>Cancers</i> , 2019, 11, 145.	1.7	44
11	The interplay between HIF-1 and calcium signalling in cancer. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 97, 73-77.	1.2	42
12	Control of Mature Protein Function by Allosteric Disulfide Bonds. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 113-126.	2.5	40
13	Plasma membrane ion channels and epithelial to mesenchymal transition in cancer cells. <i>Endocrine-Related Cancer</i> , 2016, 23, R517-R525.	1.6	33
14	Pharmacological inhibition of store-operated calcium entry in MDA-MB-468 basal A breast cancer cells: consequences on calcium signalling, cell migration and proliferation. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 4525-4537.	2.4	33
15	Disulfide Bond That Constrains the HIV-1 gp120 V3 Domain Is Cleaved by Thioredoxin. <i>Journal of Biological Chemistry</i> , 2010, 285, 40072-40080.	1.6	31
16	Reduced Monomeric CD4 Is the Preferred Receptor for HIV. <i>Journal of Biological Chemistry</i> , 2010, 285, 40793-40799.	1.6	31
17	A role for calcium in the regulation of ATP-binding cassette, sub-family C, member 3 (ABCC3) gene expression in a model of epidermal growth factor-mediated breast cancer epithelialâ€mesenchymal transition. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 509-514.	1.0	31
18	A New Selective Pharmacological Enhancer of the Orai1 Ca ²⁺ Channel Reveals Roles for Orai1 in Smooth and Skeletal Muscle Functions. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 135-147.	2.5	27

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19	Immune checkpoints in targeted-immunotherapy of pancreatic cancer: New hope for clinical development. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1083-1097.	5.7	23
20	EMT signaling: potential contribution of CRISPR/Cas gene editing. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2701-2722.	2.4	22
21	Activation of the Ion Channel TRPV4 Induces Epithelial to Mesenchymal Transition in Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9417.	1.8	21
22	Evaluation of known and novel inhibitors of Orai1-mediated store operated Ca ²⁺ entry in MDA-MB-231 breast cancer cells using a Fluorescence Imaging Plate Reader assay. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 440-449.	1.4	17
23	Assessment of ORAI1-mediated basal calcium influx in mammary epithelial cells. <i>BMC Cell Biology</i> , 2013, 14, 57.	3.0	15
24	An SAR study of hydroxy-trifluoromethylpyrazolines as inhibitors of Orai1-mediated store operated Ca ²⁺ entry in MDA-MB-231 breast cancer cells using a convenient Fluorescence Imaging Plate Reader assay. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3406-3413.	1.4	9
25	Endogenous Anti-Cancer Candidates in GPCR, ER Stress, and EMT. <i>Biomedicines</i> , 2020, 8, 402.	1.4	9
26	Janus kinases and Src family kinases in the regulation of EGF-induced vimentin expression in MDA-MB-468 breast cancer cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 76, 64-74.	1.2	8
27	Differential engagement of ORAI1 and TRPC1 in the induction of vimentin expression by different stimuli. <i>Laboratory Investigation</i> , 2020, 100, 224-233.	1.7	7
28	Development of a High-throughput Agar Colony Formation Assay to Identify Drug Candidates against Medulloblastoma. <i>Pharmaceutics</i> , 2020, 13, 368.	1.7	6
29	Comparative In Vitro Toxicology of Novel Cytoprotective Short-Chain Naphthoquinones. <i>Pharmaceutics</i> , 2020, 13, 184.	1.7	5
30	Calcium Signalling in Medulloblastoma: An In Silico Analysis of the Expression of Calcium Regulating Genes in Patient Samples. <i>Genes</i> , 2021, 12, 1329.	1.0	4
31	T-Type Calcium Channel Inhibitors Induce Apoptosis in Medulloblastoma Cells Associated with Altered Metabolic Activity. <i>Molecular Neurobiology</i> , 2022, 59, 2932-2945.	1.9	2
32	Abstract P2-07-05: A potential role for Janus protein tyrosine kinases in the regulation of epithelial-mesenchymal transition in a model of epidermal growth factor induced breast cancer epithelial-mesenchymal transition. , 2015, , .		1