

Lucie Brisson

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,450
citations

430754

18
h-index

454834

30
g-index

31
all docs

31
docs citations

31
times ranked

2263
citing authors

#	ARTICLE	IF	CITATIONS
1	NaV1.5 enhances breast cancer cell invasiveness by increasing NHE1-dependent H ⁺ efflux in caveolae. <i>Oncogene</i> , 2011, 30, 2070-2076.	2.6	171
2	Lactate Dehydrogenase B Controls Lysosome Activity and Autophagy in Cancer. <i>Cancer Cell</i> , 2016, 30, 418-431.	7.7	160
3	Lactate promotes glutamine uptake and metabolism in oxidative cancer cells. <i>Cell Cycle</i> , 2016, 15, 72-83.	1.3	157
4	Autophagy and mitophagy in cancer metabolic remodelling. <i>Seminars in Cell and Developmental Biology</i> , 2020, 98, 129-138.	2.3	144
5	NaV1.5 sodium channels allosterically regulate the NHE-1 exchanger and promote breast cancer cell invadopodial activity. <i>Journal of Cell Science</i> , 2013, 126, 4835-42.	1.2	125
6	Voltage-Gated Sodium Channels: New Targets in Cancer Therapy?. <i>Current Pharmaceutical Design</i> , 2006, 12, 3681-3695.	0.9	88
7	Glucose deprivation increases monocarboxylate transporter 1 (MCT1) expression and MCT1-dependent tumor cell migration. <i>Oncogene</i> , 2014, 33, 4060-4068.	2.6	81
8	pH regulators in invadosomal functioning: Proton delivery for matrix tasting. <i>European Journal of Cell Biology</i> , 2012, 91, 847-860.	1.6	73
9	Inhibition of the pentose phosphate pathway by dichloroacetate unravels a missing link between aerobic glycolysis and cancer cell proliferation. <i>Oncotarget</i> , 2016, 7, 2910-2920.	0.8	56
10	Common Responses of Tumors and Wounds to Hypoxia. <i>Cancer Journal (Sudbury, Mass)</i> , 2015, 21, 75-87.	1.0	44
11	Interaction between adipose tissue and cancer cells: role for cancer progression. <i>Cancer and Metastasis Reviews</i> , 2021, 40, 31-46.	2.7	41
12	Cardiolipin, the Mitochondrial Signature Lipid: Implication in Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8031.	1.8	40
13	Lactate stimulates CA IX expression in normoxic cancer cells. <i>Oncotarget</i> , 2017, 8, 77819-77835.	0.8	34
14	Carcinoma-specific expression of P2Y11 receptor and its contribution in ATP-induced purinergic signalling and cell migration in human hepatocellular carcinoma cells. <i>Oncotarget</i> , 2017, 8, 37278-37290.	0.8	33
15	A Fast Hydrogen Sulfideâ€“Releasing Donor Increases the Tumor Response to Radiotherapy. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 154-161.	1.9	27
16	Metabolic reprogramming in cancer cells, consequences on pH and tumour progression: Integrated therapeutic perspectives with dietary lipids as adjuvant to anticancer treatment. <i>Seminars in Cancer Biology</i> , 2017, 43, 90-110.	4.3	25
17	P2X7 Receptor Promotes Mouse Mammary Cancer Cell Invasiveness and Tumour Progression, and Is a Target for Anticancer Treatment. <i>Cancers</i> , 2020, 12, 2342.	1.7	24
18	Suppression of PPARÎ², and DHA treatment, inhibit NaV1.5 and NHE-1 pro-invasive activities. <i>Pflugers Archiv European Journal of Physiology</i> , 2015, 467, 1249-1259.	1.3	23

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19	Interrogating the Lactate Dehydrogenase Tetramerization Site Using (Stapled) Peptides. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 4628-4643.	2.9	15
20	P2x4 receptor promotes mammary cancer progression by sustaining autophagy and associated mesenchymal transition. <i>Oncogene</i> , 2022, 41, 2920-2931.	2.6	15
21	A comparative study of the capacity of mesenchymal stromal cell lines to form spheroids. <i>PLoS ONE</i> , 2020, 15, e0225485.	1.1	14
22	Lipophagy and prostate cancer: association with disease aggressiveness and proximity to periprostatic adipose tissue. <i>Journal of Pathology</i> , 2021, 255, 166-176.	2.1	14
23	Doxorubicin-Induced Autophagolysosome Formation Is Partly Prevented by Mitochondrial ROS Elimination in DOX-Resistant Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9283.	1.8	11
24	Rock inhibition promotes Nav1.5 sodium channel-dependent SW620 colon cancer cell invasiveness. <i>Scientific Reports</i> , 2020, 10, 13350.	1.6	9
25	Discovery of a novel lactate dehydrogenase tetramerization domain using epitope mapping and peptides. <i>Journal of Biological Chemistry</i> , 2021, 296, 100422.	1.6	7
26	Adipocytes Promote Breast Cancer Cell Survival and Migration through Autophagy Activation. <i>Cancers</i> , 2021, 13, 3917.	1.7	7
27	Annual Meeting of the International Society of Cancer Metabolism (ISCaM): Cancer Metabolism. <i>Frontiers in Oncology</i> , 2018, 8, 329.	1.3	3
28	Bioinspired imidazo[1,2-a:4,5-câ€™]dipyridines with dual antiproliferative and anti-migrative properties in human cancer cells: The SAR investigation. <i>European Journal of Medicinal Chemistry</i> , 2021, 218, 113258.	2.6	3
29	Annual Meeting of the International Society of Cancer Metabolism (ISCaM): Metabolic Adaptations and Targets in Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 1332.	1.3	2