Felicity M Davis

List of Publications by Year
in descending order

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33 papers	2,313 citations	331642 21 h-index	377849 34 g-index
38 all docs	38 docs citations	38 times ranked	3737 citing authors

#	Article	IF	Citations
1	Mammary basal cells: Stars of the show. Biochimica Et Biophysica Acta - Molecular Cell Research, 2022, 1869, 119159.	4.1	5
2	Combined Inhibition of G9a and EZH2 Suppresses Tumor Growth via Synergistic Induction of IL24-Mediated Apoptosis. Cancer Research, 2022, 82, 1208-1221.	0.9	8
3	Tunnel vision: Imaging the mouse epididymis in three-dimensions. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 119009.	4.1	1
4	CSF1R-dependent macrophages control postnatal somatic growth and organ maturation. PLoS Genetics, 2021, 17, e1009605.	3.5	44
5	Cell and developmental biology of the mammary gland. Seminars in Cell and Developmental Biology, 2021, 114, 81-82.	5.0	2
6	Mammary mechanobiology: Investigating roles for mechanically-activated ion channels in lactation and involution. Journal of Cell Science, 2021, 134, .	2.0	7
7	Multiscale imaging of basal cell dynamics in the functionally mature mammary gland. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26822-26832.	7.1	41
8	Got Milk? Identifying and Characterizing Lactation Defects in Genetically-Engineered Mouse Models. Journal of Mammary Gland Biology and Neoplasia, 2020, 25, 255-272.	2.7	6
9	A Primary Cell and Organoid Platform for Evaluating Pharmacological Responses in Mammary Epithelial Cells. ACS Pharmacology and Translational Science, 2020, 3, 63-75.	4.9	3
10	Developmental Stage-Specific Distribution of Macrophages in Mouse Mammary Gland. Frontiers in Cell and Developmental Biology, 2019, 7, 250.	3.7	56
11	An element for development: Calcium signaling in mammalian reproduction and development. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 1230-1238.	4.1	20
12	Development of a high-throughput fluorescent no-wash sodium influx assay. PLoS ONE, 2019, 14, e0213751.	2.5	13
13	Formation and Function of Mammalian Epithelia: Roles for Mechanosensitive PIEZO1 Ion Channels. Frontiers in Cell and Developmental Biology, 2019, 7, 260.	3.7	20
14	Neutral lineage tracing of proliferative embryonic and adult mammary stem/progenitor cells. Development (Cambridge), 2018, 145, .	2.5	40
15	The ins and outs of calcium signalling in lactation and involution: Implications for breast cancer treatment. Pharmacological Research, 2017, 116, 100-104.	7.1	14
16	Mammary Stem Cells: Premise, Properties, and Perspectives. Trends in Cell Biology, 2017, 27, 556-567.	7.9	94
17	The functions of store-operated calcium channels. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 900-906.	4.1	92
18	Oncosis and apoptosis induction by activation of an overexpressed ion channel in breast cancer cells. Oncogene, 2017, 36, 6490-6500.	5.9	69

#	Article	IF	Citations
19	Gaq proteins: molecular pharmacology and therapeutic potential. Cellular and Molecular Life Sciences, 2017, 74, 1379-1390.	5.4	43
20	Imaging the mammary gland and mammary tumours in 3D: optical tissue clearing and immunofluorescence methods. Breast Cancer Research, 2016, 18, 127.	5.0	83
21	Male infertility in mice lacking the store-operated Ca2+ channel Orai1. Cell Calcium, 2016, 59, 189-197.	2.4	21
22	Single-cell lineage tracing in the mammary gland reveals stochastic clonal dispersion of stem/progenitor cell progeny. Nature Communications, 2016, 7, 13053.	12.8	109
23	Altered purinergic receptorâ€Ca²⁺ signaling associated with hypoxiaâ€induced epithelialâ€mesenchymal transition in breast cancer cells. Molecular Oncology, 2016, 10, 166-178.	4.6	77
24	Essential role of Orai1 store-operated calcium channels in lactation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5827-5832.	7.1	82
25	Role of Orai1 and storeâ€operated calcium entry in mouse lacrimal gland signalling and function. Journal of Physiology, 2014, 592, 927-939.	2.9	29
26	Targeting EMT in cancer: opportunities for pharmacological intervention. Trends in Pharmacological Sciences, 2014, 35, 479-488.	8.7	276
27	Induction of epithelialâ€“mesenchymal transition (EMT) in breast cancer cells is calcium signal dependent. Oncogene, 2014, 33, 2307-2316.	5.9	290
28	Assessment of gene expression of intracellular calcium channels, pumps and exchangers with epidermal growth factor-induced epithelial-mesenchymal transition in a breast cancer cell line. Cancer Cell International, 2013, 13, 76.	4.1	53
29	Calcium Channels and Pumps in Cancer: Changes and Consequences. Journal of Biological Chemistry, 2012, 287, 31666-31673.	3.4	316
30	Non-Stimulated, Agonist-Stimulated and Store-Operated Ca2+ Influx in MDA-MB-468 Breast Cancer Cells and the Effect of EGF-Induced EMT on Calcium Entry. PLoS ONE, 2012, 7, e36923.	2.5	85
31	Ion channels and transporters in cancer. 4. Remodeling of Ca²⁺ signaling in tumorigenesis: role of Ca²⁺ transport. American Journal of Physiology - Cell Physiology, 2011, 301, C969-C976.	4.6	51
32	ORAI1-Mediated Calcium Influx in Lactation and in Breast Cancer. Molecular Cancer Therapeutics, 2011, 10, 448-460.	4.1	188
33	Remodeling of Purinergic Receptor-Mediated Ca2+ Signaling as a Consequence of EGF-Induced Epithelial-Mesenchymal Transition in Breast Cancer Cells. PLoS ONE, 2011, 6, e23464.	2.5	52