Devon A Lawson

List of Publications by Year
in descending order

33	5,121	218592	434063
papers	citations	26 h-index	31 g-index

36	36	36	7987
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Let-7f miRNA regulates SDF-1Î±- and hypoxia-promoted migration of mesenchymal stem cells and attenuates mammary tumor growth upon exosomal release. Cell Death and Disease, 2021, 12, 516.	2.7	27
2	Automated segmentation and tracking of mitochondria in live-cell time-lapse images. Nature Methods, 2021, 18, 1091-1102.	9.0	53
3	Anin vitrovascularized micro-tumor model of human colorectal cancer recapitulatesin vivoresponses to standard-of-care therapy. Lab on A Chip, 2021, 21, 1333-1351.	3.1	58
4	Patient-derived xenograft culture-transplant system for investigation of human breast cancer metastasis. Communications Biology, 2021, 4, 1268.	2.0	5
5	Zena Werb (1945â€“2020). Developmental Cell, 2020, 54, 299-301.	3.1	0
6	Zena Werb (1945â€“2020). Cell Stem Cell, 2020, 27, 356-358.	5.2	0
7	Transcriptional diversity and bioenergetic shift in human breast cancer metastasis revealed by single-cell RNA sequencing. Nature Cell Biology, 2020, 22, 310-320.	4.6	189
8	Discoidin domain receptor 1 (DDR1) ablation promotes tissue fibrosis and hypoxia to induce aggressive basal-like breast cancers. Genes and Development, 2018, 32, 244-257.	2.7	54
9	Endovascular Biopsy: In Vivo Cerebral Aneurysm Endothelial Cell Sampling and Gene Expression Analysis. Translational Stroke Research, 2018, 9, 20-33.	2.3	32
10	Tumour heterogeneity and metastasis at single-cell resolution. Nature Cell Biology, 2018, 20, 1349-1360.	4.6	423
11	Single-cell RNA sequencing reveals gene expression signatures of breast cancer-associated endothelial cells. Oncotarget, 2018, 9, 10945-10961.	0.8	45
12	Profiling human breast epithelial cells using single cell RNA sequencing identifies cell diversity. Nature Communications, 2018, 9, 2028.	5.8	256
13	ZNF50 3/ Zpo2 drives aggressive breast cancer progression by down-regulation of GATA3 expression. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3169-3174.	3.3	32
14	Lattice light sheet imaging of membrane nanotubes between human breast cancer cells in culture and in brain metastases. Scientific Reports, 2017, 7, 11029.	1.6	16
15	Mechanoresponsive stem cells to target cancer metastases through biophysical cues. Science Translational Medicine, 2017, 9, .	5.8	74
16	PIM1 kinase inhibition as a targeted therapy against triple-negative breast tumors with elevated MYC expression. Nature Medicine, 2016, 22, 1321-1329.	15.2	138
17	Endovascular biopsy: Strategy for analyzing gene expression profiles of individual endothelial cells obtained from human vessels. Biotechnology Reports (Amsterdam, Netherlands), 2015, 7, 157-165.	2.1	11
18	The Cleared Mammary Fat Pad Transplantation Assay for Mammary Epithelial Organogenesis. Cold Spring Harbor Protocols, 2015, 2015, pdb.prot078071.	0.2	16

#	Article	IF	Citations
19	Single-cell analysis reveals a stem-cell program in human metastatic breast cancer cells. Nature, 2015, 526, 131-135.	13.7	767
20	A Role for Matrix Metalloproteinases in Regulating Mammary Stem Cell Function via the Wnt Signaling Pathway. Cell Stem Cell, 2013, 13, 300-313.	5.2	123
21	The Transcription Factor ZNF217 Is a Prognostic Biomarker and Therapeutic Target during Breast Cancer Progression. Cancer Discovery, 2012, 2, 638-651.	7.7	61
22	Identification of CD166 as a Surface Marker for Enriching Prostate Stem/Progenitor and Cancer Initiating Cells. PLoS ONE, 2012, 7, e42564.	1.1	91
23	Isolation, cultivation and characterization of adult murine prostate stem cells. Nature Protocols, 2010, 5, 702-713.	5.5	163
24	Basal epithelial stem cells are efficient targets for prostate cancer initiation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2610-2615.	3.3	240
25	ETS family transcription factors collaborate with alternative signaling pathways to induce carcinoma from adult murine prostate cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12465-12470.	3.3	185
26	Linâ^'Sca-1+CD49fhigh Stem/Progenitors Are Tumor-Initiating Cells in the Pten-Null Prostate Cancer Model. Cancer Research, 2009, 69, 8555-8562.	0.4	175
27	Trop2 identifies a subpopulation of murine and human prostate basal cells with stem cell characteristics. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20882-20887.	3.3	304
28	Isolation and functional characterization of murine prostate stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 181-186.	3.3	374
29	Self-Renewal and Multilineage Differentiation In Vitro from Murine Prostate Stem Cells. Stem Cells, 2007, 25, 2760-2769.	1.4	188
30	Stem cells in prostate cancer initiation and progression. Journal of Clinical Investigation, 2007, 117, 2044-2050.	3.9	154
31	Pten deletion leads to the expansion of a prostatic stem/progenitor cell subpopulation and tumor initiation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1480-1485.	3.3	302
32	Progression of prostate cancer by synergy of AKT with genotropic and nongenotropic actions of the androgen receptor. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7789-7794.	3.3	145
33	The Sca-1 cell surface marker enriches for a prostate-regenerating cell subpopulation that can initiate prostate tumorigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 6942-6947.	3.3	419