Morghan C Lucas

List of Publications by Citations

23 papers	944 citations	15 h-index	24 g-index
24 ext. papers	1,329 ext. citations	11.5 avg, IF	3.96 L-index

#	Paper	IF	Citations
23	Accurate detection of mA RNA modifications in native RNA sequences. *Nature Communications*, **2019**, 10, 4079	17.4	166
22	Transient tissue priming via ROCK inhibition uncouples pancreatic cancer progression, sensitivity to chemotherapy, and metastasis. *Science Translational Medicine*, **2017**, 9,	17.5	159
21	CAF hierarchy driven by pancreatic cancer cell p53-status creates a pro-metastatic and chemoresistant environment via perlecan. *Nature Communications*, **2019**, 10, 3637	17.4	100
20	A RhoA-FRET Biosensor Mouse for Intravital Imaging in Normal Tissue Homeostasis and Disease Contexts. *Cell Reports*, **2017**, 21, 274-288	10.6	65
19	Pre-clinical evaluation of small molecule LOXL2 inhibitors in breast cancer. *Oncotarget*, **2017**, 8, 26066-26078	5.3	65
18	SerpinB2 regulates stromal remodelling and local invasion in pancreatic cancer. *Oncogene*, **2017**, 36, 4288-4298	9.2	55
17	Recent advances in understanding the complexities of metastasis. *F1000Research*, **2018**, 7, 1169	3.6	55
16	Intravital FRAP Imaging using an E-cadherin-GFP Mouse Reveals Disease- and Drug-Dependent Dynamic Regulation of Cell-Cell Junctions in Live Tissue. *Cell Reports*, **2016**, 14, 152-167	10.6	42
15	MCL-1 inhibition provides a new way to suppress breast cancer metastasis and increase sensitivity to dasatinib. *Breast Cancer Research*, **2016**, 18, 125	8.3	41
14	Quantitative profiling of pseudouridylation dynamics in native RNAs with nanopore sequencing. *Nature Biotechnology*, **2021**, 39, 1278-1291	44.5	33
13	Recent advances in understanding the complexities of metastasis. *F1000Research*, **2018**, 7,	3.6	31
12	Molecular mobility and activity in an intravital imaging setting - implications for cancer progression and targeting. *Journal of Cell Science*, **2018**, 131,	5.3	25
11	Integrative analyses of the RNA modification machinery reveal tissue- and cancer-specific signatures. *Genome Biology*, **2020**, 21, 97	18.3	24
10	Oral administration of bovine milk-derived extracellular vesicles induces senescence in the primary tumor but accelerates cancer metastasis. *Nature Communications*, **2021**, 12, 3950	17.4	17
9	αMCCprotein interacts with E-cadherin and βcatenin strengthening cell-cell adhesion of HCT116 colon cancer cells. *Oncogene*, **2018**, 37, 663-672	9.2	16
8	Molecular barcoding of native RNAs using nanopore sequencing and deep learning. *Genome Research*, **2020**, 30, 1345-1353	9.7	13
7	MCL-1 antagonism enhances the anti-invasive effects of dasatinib in pancreatic adenocarcinoma. *Oncogene*, **2020**, 39, 1821-1829	9.2	12

List of Publications

6	Intravital imaging reveals new ancillary mechanisms co-opted by cancer cells to drive tumor progression. *F1000Research*, **2016**, 5,	3.6	9
5	Intravital imaging technology guides FAK-mediated priming in pancreatic cancer precision medicine according to Merlin status. *Science Advances*, **2021**, 7, eabh0363	14.3	5
4	Quantitative profiling of native RNA modifications and their dynamics using nanopore sequencing		4
3	Barcoding and demultiplexing Oxford Nanopore native RNA sequencing reads with deep residual learning		3
2	High-performance nano-flow liquid chromatography column combined with high- and low-collision energy data-independent acquisition enables targeted and discovery identification of modified ribonucleotides by mass spectrometry.. *Journal of Chromatography A*, **2022**, 1665, 462803	4.5	2
1	Integrative analyses of the RNA modification machinery reveal tissue- and cancer-specific signatures		2