David Herrmann

List of Publications by Year in Descending Order

34 papers	1,424 citations	20 h-index	37 g-index
52 ext. papers	1,919 ext. citations	9.5 avg, IF	4.37 L-index

#	Paper	IF	Citations
34	ROR1 and ROR2 expression in pancreatic cancer. *BMC Cancer*, **2021**, 21, 1199	4.8	0
33	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
32	Dynamic Stromal Alterations Influence Tumor-Stroma Crosstalk to Promote Pancreatic Cancer and Treatment Resistance. *Cancers*, **2021**, 13,	6.6	6
31	Genomic and Molecular Analyses Identify Molecular Subtypes of Pancreatic Cancer Recurrence. *Gastroenterology*, **2021**,	13.3	1
30	Optimizing metastatic-cascade-dependent Rac1 targeting in breast cancer: Guidance using optical window intravital FRET imaging. *Cell Reports*, **2021**, 36, 109689	10.6	2
29	Intravital imaging technology guides FAK-mediated priming in pancreatic cancer precision medicine according to Merlin status. *Science Advances*, **2021**, 7, eabh0363	14.3	5
28	Quantifying and visualising the nuances of cellular dynamics in vivo using intravital imaging. *Current Opinion in Cell Biology*, **2021**, 72, 41-53	9	1
27	Inhibition of PAK1 suppresses pancreatic cancer by stimulation of anti-tumour immunity through down-regulation of PD-L1. *Cancer Letters*, **2020**, 472, 8-18	9.9	12
26	Fluids and their mechanics in tumour transit: shaping metastasis. *Nature Reviews Cancer*, **2020**, 20, 107-124	34.3	117
25	Shedding new light on RhoA signalling as a drug target using a novel RhoA-FRET biosensor mouse. *Small GTPases*, **2020**, 11, 240-247	2.7	4
24	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
23	CAF Subpopulations: A New Reservoir of Stromal Targets in Pancreatic Cancer. *Trends in Cancer*, **2019**, 5, 724-741	12.5	109
22	Combating pancreatic cancer with PI3K pathway inhibitors in the era of personalised medicine. *Gut*, **2019**, 68, 742-758	19.2	30
21	Fgfr1 conditional-knockout in neural crest cells induces heterotopic chondrogenesis and osteogenesis in mouse frontal bones. *Medical Molecular Morphology*, **2019**, 52, 156-163	2.3	3
20	Molecular mobility and activity in an intravital imaging setting - implications for cancer progression and targeting. *Journal of Cell Science*, **2018**, 131,	5.3	25
19	TMCCTprotein interacts with E-cadherin and Ecatenin strengthening cell-cell adhesion of HCT116 colon cancer cells. *Oncogene*, **2018**, 37, 663-672	9.2	16
18	Targeting stromal remodeling and cancer stem cell plasticity overcomes chemoresistance in triple negative breast cancer. *Nature Communications*, **2018**, 9, 2897	17.4	182

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17	Removing physiological motion from intravital and clinical functional imaging data. *ELife*, **2018**, 7,	8.9	28
16	Intravital Imaging to Monitor Therapeutic Response in Moving Hypoxic Regions Resistant to PI3K Pathway Targeting in Pancreatic Cancer. *Cell Reports*, **2018**, 23, 3312-3326	10.6	43
15	Recent advances in understanding the complexities of metastasis. *F1000Research*, **2018**, 7,	3.6	31
14	Recent advances in understanding the complexities of metastasis. *F1000Research*, **2018**, 7, 1169	3.6	55
13	ROBO2 is a stroma suppressor gene in the pancreas and acts via TGF-β signalling. *Nature Communications*, **2018**, 9, 5083	17.4	29
12	Transient tissue priming via ROCK inhibition uncouples pancreatic cancer progression, sensitivity to chemotherapy, and metastasis. *Science Translational Medicine*, **2017**, 9,	17.5	159
11	SerpinB2 regulates stromal remodelling and local invasion in pancreatic cancer. *Oncogene*, **2017**, 36, 4288-4298	9.2	55
10	A RhoA-FRET Biosensor Mouse for Intravital Imaging in Normal Tissue Homeostasis and Disease Contexts. *Cell Reports*, **2017**, 21, 274-288	10.6	65
9	Three-dimensional organotypic matrices from alternative collagen sources as pre-clinical models for cell biology. *Scientific Reports*, **2017**, 7, 16887	4.9	16
8	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
7	Intravital imaging reveals new ancillary mechanisms co-opted by cancer cells to drive tumor progression. *F1000Research*, **2016**, 5,	3.6	9
6	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
5	The tyrosine phosphatase PTPN14 (Pez) inhibits metastasis by altering protein trafficking. *Science Signaling*, **2015**, 8, ra18	8.8	42
4	The dynamics of Rho GTPase signaling and implications for targeting cancer and the tumor microenvironment. *Small GTPases*, **2015**, 6, 123-33	2.7	32
3	ELF5 Drives Lung Metastasis in Luminal Breast Cancer through Recruitment of Gr1+ CD11b+ Myeloid-Derived Suppressor Cells. *PLoS Biology*, **2015**, 13, e1002330	9.7	44
2	Three-dimensional cancer models mimic cell-matrix interactions in the tumour microenvironment. *Carcinogenesis*, **2014**, 35, 1671-9	4.6	95
1	Expression and regulation of ANTXR1 in the chick embryo. *Developmental Dynamics*, **2010**, 239, 680-7	2.9	7