

David Herrmann

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,288
citations

318942

23
h-index

425179

34
g-index

52
all docs

52
docs citations

52
times ranked

4423
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic and Molecular Analyses Identify Molecular Subtypes of Pancreatic Cancer Recurrence. <i>Gastroenterology</i> , 2022, 162, 320-324.e4.	0.6	26
2	Oral administration of bovine milk-derived extracellular vesicles induces senescence in the primary tumor but accelerates cancer metastasis. <i>Nature Communications</i> , 2021, 12, 3950.	5.8	70
3	Dynamic Stromal Alterations Influence Tumor-Stroma Crosstalk to Promote Pancreatic Cancer and Treatment Resistance. <i>Cancers</i> , 2021, 13, 3481.	1.7	13
4	Optimizing metastatic-cascade-dependent Rac1 targeting in breast cancer: Guidance using optical window intravital FRET imaging. <i>Cell Reports</i> , 2021, 36, 109689.	2.9	12
5	Intravital imaging technology guides FAK-mediated priming in pancreatic cancer precision medicine according to Merlin status. <i>Science Advances</i> , 2021, 7, eabh0363.	4.7	23
6	Quantifying and visualising the nuances of cellular dynamics in vivo using intravital imaging. <i>Current Opinion in Cell Biology</i> , 2021, 72, 41-53.	2.6	7
7	ROR1 and ROR2 expression in pancreatic cancer. <i>BMC Cancer</i> , 2021, 21, 1199.	1.1	4
8	Shedding new light on RhoA signalling as a drug target <i>in vivo</i> using a novel RhoA-FRET biosensor mouse. <i>Small GTPases</i> , 2020, 11, 240-247.	0.7	5
9	Inhibition of PAK1 suppresses pancreatic cancer by stimulation of anti-tumour immunity through down-regulation of PD-L1. <i>Cancer Letters</i> , 2020, 472, 8-18.	3.2	31
10	Fluids and their mechanics in tumour transit: shaping metastasis. <i>Nature Reviews Cancer</i> , 2020, 20, 107-124.	12.8	232
11	CAF hierarchy driven by pancreatic cancer cell p53-status creates a pro-metastatic and chemoresistant environment via perlecan. <i>Nature Communications</i> , 2019, 10, 3637.	5.8	170
12	CAF Subpopulations: A New Reservoir of Stromal Targets in Pancreatic Cancer. <i>Trends in Cancer</i> , 2019, 5, 724-741.	3.8	214
13	Combating pancreatic cancer with PI3K pathway inhibitors in the era of personalised medicine. <i>Gut</i> , 2019, 68, 742-758.	6.1	68
14	Fgfr1 conditional-knockout in neural crest cells induces heterotopic chondrogenesis and osteogenesis in mouse frontal bones. <i>Medical Molecular Morphology</i> , 2019, 52, 156-163.	0.4	5
15	Molecular mobility and activity in an intravital imaging setting – implications for cancer progression and targeting. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	32
16	–MCC™ protein interacts with E-cadherin and β -catenin strengthening cell–cell adhesion of HCT116 colon cancer cells. <i>Oncogene</i> , 2018, 37, 663-672.	2.6	25
17	ROBO2 is a stroma suppressor gene in the pancreas and acts via TGF- β signalling. <i>Nature Communications</i> , 2018, 9, 5083.	5.8	41
18	Targeting stromal remodeling and cancer stem cell plasticity overcomes chemoresistance in triple negative breast cancer. <i>Nature Communications</i> , 2018, 9, 2897.	5.8	293

#	ARTICLE	IF	CITATIONS
19	Removing physiological motion from intravital and clinical functional imaging data. <i>ELife</i> , 2018, 7, .	2.8	34
20	Intravital Imaging to Monitor Therapeutic Response in Moving Hypoxic Regions Resistant to PI3K Pathway Targeting in Pancreatic Cancer. <i>Cell Reports</i> , 2018, 23, 3312-3326.	2.9	61
21	Recent advances in understanding the complexities of metastasis. <i>F1000Research</i> , 2018, 7, 1169.	0.8	45
22	Recent advances in understanding the complexities of metastasis. <i>F1000Research</i> , 2018, 7, 1169.	0.8	75
23	Unmixing spectrally overlapping FRET biosensors in vivo using multispectral FLIM (Conference) Tj ETQq1 1 0.784314 rgBT /Oyerlock 10		
24	Transient tissue priming via ROCK inhibition uncouples pancreatic cancer progression, sensitivity to chemotherapy, and metastasis. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	208
25	Serp1b2 regulates stromal remodelling and local invasion in pancreatic cancer. <i>Oncogene</i> , 2017, 36, 4288-4298.	2.6	77
26	A RhoA-FRET Biosensor Mouse for Intravital Imaging in Normal Tissue Homeostasis and Disease Contexts. <i>Cell Reports</i> , 2017, 21, 274-288.	2.9	83
27	Three-dimensional organotypic matrices from alternative collagen sources as pre-clinical models for cell biology. <i>Scientific Reports</i> , 2017, 7, 16887.	1.6	22
28	Abstract PR07: A biosensor mouse to predict the dissociation and spread of pancreatic cancer. , 2017, , .		1
29	MCL-1 inhibition provides a new way to suppress breast cancer metastasis and increase sensitivity to dasatinib. <i>Breast Cancer Research</i> , 2016, 18, 125.	2.2	60
30	Intravital FRAP Imaging using an E-cadherin-GFP Mouse Reveals Disease- and Drug-Dependent Dynamic Regulation of Cell-Cell Junctions in Live Tissue. <i>Cell Reports</i> , 2016, 14, 152-167.	2.9	54
31	Intravital imaging reveals new ancillary mechanisms co-opted by cancer cells to drive tumor progression. <i>F1000Research</i> , 2016, 5, 892.	0.8	11
32	The tyrosine phosphatase PTPN14 (Pez) inhibits metastasis by altering protein trafficking. <i>Science Signaling</i> , 2015, 8, ra18.	1.6	57
33	The dynamics of Rho GTPase signaling and implications for targeting cancer and the tumor microenvironment. <i>Small GTPases</i> , 2015, 6, 123-133.	0.7	37
34	ELF5 Drives Lung Metastasis in Luminal Breast Cancer through Recruitment of Gr1+ CD11b+ Myeloid-Derived Suppressor Cells. <i>PLoS Biology</i> , 2015, 13, e1002330.	2.6	59
35	Three-dimensional cancer models mimic cell-matrix interactions in the tumour microenvironment. <i>Carcinogenesis</i> , 2014, 35, 1671-1679.	1.3	123
36	Expression and regulation of <i>ANTXR1</i> in the chick embryo. <i>Developmental Dynamics</i> , 2010, 239, 680-687.	0.8	9