

James Rw Conway

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,875
citations

304368

22
h-index

525886

27
g-index

30
all docs

30
docs citations

30
times ranked

3283
citing authors

#	ARTICLE	IF	CITATIONS
1	TrackMate 7: integrating state-of-the-art segmentation algorithms into tracking pipelines. <i>Nature Methods</i> , 2022, 19, 829-832.	9.0	269
2	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
3	Developments in preclinical cancer imaging: innovating the discovery of therapeutics. <i>Nature Reviews Cancer</i> , 2014, 14, 314-328.	12.8	134
4	Three-dimensional cancer models mimic cell-matrix interactions in the tumour microenvironment. <i>Carcinogenesis</i> , 2014, 35, 1671-1679.	1.3	123
5	Cholesterol Regulates Syntaxin 6 Trafficking at trans-Golgi Network Endosomal Boundaries. <i>Cell Reports</i> , 2014, 7, 883-897.	2.9	104
6	The Inositol Polyphosphate 5-Phosphatase PIPP Regulates AKT1-Dependent Breast Cancer Growth and Metastasis. <i>Cancer Cell</i> , 2015, 28, 155-169.	7.7	91
7	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
8	Combating pancreatic cancer with PI3K pathway inhibitors in the era of personalised medicine. <i>Gut</i> , 2019, 68, 742-758.	6.1	68
9	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
10	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
11	The tyrosine phosphatase PTPN14 (Pez) inhibits metastasis by altering protein trafficking. <i>Science Signaling</i> , 2015, 8, ra18.	1.6	57
12	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
13	Annexin A6 is a multifunctional scaffold in cell motility. <i>Cell Adhesion and Migration</i> , 2017, 11, 288-304.	1.1	53
14	Cell matrix adhesion in cell migration. <i>Essays in Biochemistry</i> , 2019, 63, 535-551.	2.1	53
15	Integrin adhesion complexes. <i>Current Biology</i> , 2021, 31, R536-R542.	1.8	52
16	MASTL overexpression promotes chromosome instability and metastasis in breast cancer. <i>Oncogene</i> , 2018, 37, 4518-4533.	2.6	45
17	Annexin A6 and Late Endosomal Cholesterol Modulate Integrin Recycling and Cell Migration. <i>Journal of Biological Chemistry</i> , 2016, 291, 1320-1335.	1.6	43
18	Single-cell transcriptomics reveals involution mimicry during the specification of the basal breast cancer subtype. <i>Cell Reports</i> , 2021, 35, 108945.	2.9	38

#	ARTICLE	IF	CITATIONS
19	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
20	Context-dependent intravital imaging of therapeutic response using intramolecular FRET biosensors. <i>Methods</i> , 2017, 128, 78-94.	1.9	37
21	Removing physiological motion from intravital and clinical functional imaging data. <i>ELife</i> , 2018, 7, .	2.8	34
22	Cargo-specific recruitment in clathrin- and dynamin-independent endocytosis. <i>Nature Cell Biology</i> , 2021, 23, 1073-1084.	4.6	34
23	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
24	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
25	MASTL promotes cell contractility and motility through kinase-independent signaling. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	14
26	Annexin A6 improves anti-migratory and anti-invasive properties of tyrosine kinase inhibitors in EGFR overexpressing human squamous epithelial cells. <i>FEBS Journal</i> , 2020, 287, 2961-2978.	2.2	12
27	Kinase-Independent Functions of MASTL in Cancer: A New Perspective on MASTL Targeting. <i>Cells</i> , 2020, 9, 1624.	1.8	3