

James D Orth

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

3,557
citations

361413

20
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

4537
citing authors

#	ARTICLE	IF	CITATIONS
1	Preclinical and Dose-Finding Phase I Trial Results of Combined Treatment with a TORC1/2 Inhibitor (TAK-228) and Aurora A Kinase Inhibitor (Alisertib) in Solid Tumors. <i>Clinical Cancer Research</i> , 2020, 26, 4633-4642.	7.0	7
2	Two alternative mechanisms regulate the onset of chaperone-mediated assembly of the proteasomal ATPases. <i>Journal of Biological Chemistry</i> , 2019, 294, 6562-6577.	3.4	9
3	Loss of p53 expression in cancer cells alters cell cycle response after inhibition of exportin-1 but does not prevent cell death. <i>Cell Cycle</i> , 2018, 17, 1329-1344.	2.6	12
4	Inhibition of exportin-1 function results in rapid cell cycle-associated DNA damage in cancer cells. <i>Oncotarget</i> , 2017, 8, 39460-39475.	1.8	8
5	Through the Looking Glass: Time-lapse Microscopy and Longitudinal Tracking of Single Cells to Study Anti-cancer Therapeutics. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	9
6	Longitudinal tracking of single live cancer cells to understand cell cycle effects of the nuclear export inhibitor, selinexor. <i>Scientific Reports</i> , 2015, 5, 14391.	3.3	24
7	In vivo cell-cycle profiling in xenograft tumors by quantitative intravital microscopy. <i>Nature Methods</i> , 2015, 12, 577-585.	19.0	75
8	Single-cell pharmacokinetic imaging reveals a therapeutic strategy to overcome drug resistance to the microtubule inhibitor eribulin. <i>Science Translational Medicine</i> , 2014, 6, 261ra152.	12.4	71
9	Prolonged mitotic arrest triggers partial activation of apoptosis, resulting in DNA damage and p53 induction. <i>Molecular Biology of the Cell</i> , 2012, 23, 567-576.	2.1	203
10	Rapid induction of apoptosis during Kinesin-5 inhibitor-induced mitotic arrest in HL60 cells. <i>Cancer Letters</i> , 2011, 310, 15-24.	7.2	13
11	Analysis of Mitosis and Antimitotic Drug Responses in Tumors by <i>In Vivo</i> Microscopy and Single-Cell Pharmacodynamics. <i>Cancer Research</i> , 2011, 71, 4608-4616.	0.9	146
12	Cell death when the SAC is out of commission. <i>Cell Cycle</i> , 2010, 9, 2049-2050.	2.6	7
13	An Intermittent Live Cell Imaging Screen for siRNA Enhancers and Suppressors of a Kinesin-5 Inhibitor. <i>PLoS ONE</i> , 2009, 4, e7339.	2.5	20
14	Evidence that Mitotic Exit Is a Better Cancer Therapeutic Target Than Spindle Assembly. <i>Cancer Cell</i> , 2009, 16, 347-358.	16.8	273
15	Cell Type Variation in Responses to Antimitotic Drugs that Target Microtubules and Kinesin-5. <i>Cancer Research</i> , 2008, 68, 3269-3276.	0.9	198
16	Quantitative live imaging of cancer and normal cells treated with Kinesin-5 inhibitors indicates significant differences in phenotypic responses and cell fate. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 3480-3489.	4.1	101
17	Get Off My Back! Rapid Receptor Internalization through Circular Dorsal Ruffles. <i>Cancer Research</i> , 2006, 66, 11094-11096.	0.9	95
18	A Novel Endocytic Mechanism of Epidermal Growth Factor Receptor Sequestration and Internalization. <i>Cancer Research</i> , 2006, 66, 3603-3610.	0.9	197

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19	Actin and Arf1-dependent recruitment of a cortactin-dynamin complex to the Golgi regulates post-Golgi transport. <i>Nature Cell Biology</i> , 2005, 7, 483-492.	10.3	156
20	Caveolin-1 Interacts Directly with Dynamin-2. <i>Journal of Molecular Biology</i> , 2005, 348, 491-501.	4.2	97
21	Cdc42 and the Actin-Related Protein/Neural Wiskott-Aldrich Syndrome Protein Network Mediate Cellular Invasion by <i>Cryptosporidium parvum</i> . <i>Infection and Immunity</i> , 2004, 72, 3011-3021.	2.2	52
22	Foot and mouth: podosomes, invadopodia and circular dorsal ruffles. <i>Nature Reviews Molecular Cell Biology</i> , 2004, 5, 647-657.	37.0	525
23	Dynamin at the actin-membrane interface. <i>Current Opinion in Cell Biology</i> , 2003, 15, 31-39.	5.4	212
24	Cortactin Is a Component of Clathrin-Coated Pits and Participates in Receptor-Mediated Endocytosis. <i>Molecular and Cellular Biology</i> , 2003, 23, 2162-2170.	2.3	188
25	A Dynamin-Cortactin-Arp2/3 Complex Mediates Actin Reorganization in Growth Factor-stimulated Cells. <i>Molecular Biology of the Cell</i> , 2003, 14, 1085-1096.	2.1	194
26	The large GTPase dynamin regulates actin comet formation and movement in living cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 167-172.	7.1	215
27	Characterization of the X-linked murine centrin <i>Cetn2</i> gene. <i>Gene</i> , 2001, 264, 205-213.	2.2	18
28	Regulated Interactions between Dynamin and the Actin-Binding Protein Cortactin Modulate Cell Shape. <i>Journal of Cell Biology</i> , 2000, 151, 187-198.	5.2	356
29	Testis-Specific Murine Centrin, <i>Cetn1</i> : Genomic Characterization and Evidence for Retroposition of a Gene Encoding a Centrosome Protein. <i>Genomics</i> , 1999, 60, 111-120.	2.9	76
30	Dynamin and Cytoskeletal-Dependent Membrane Processes. , 0, , 189-201.		0