

Andrew Burgess

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9353605/andrew-burgess-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

3,639

citations

27

h-index

60

g-index

74

ext. papers

4,218

ext. citations

9

avg. IF

5.06

L-index

#	Paper	IF	Citations
62	Partial inhibition of Cdk1 in G2 phase overrides the SAC and decouples mitotic events. <i>Cell Cycle</i> , 2014 , 13, 1400-12	4.7	609
61	Loss of human Greatwall results in G2 arrest and multiple mitotic defects due to deregulation of the cyclin B-Cdc2/PP2A balance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 12564-9	11.5	562
60	The substrate of Greatwall kinase, Arpp19, controls mitosis by inhibiting protein phosphatase 2A. <i>Science</i> , 2010 , 330, 1673-7	33.3	301
59	Histone deacetylase inhibitors trigger a G2 checkpoint in normal cells that is defective in tumor cells. <i>Molecular Biology of the Cell</i> , 2000 , 11, 2069-83	3.5	228
58	Clinical Overview of MDM2/X-Targeted Therapies. <i>Frontiers in Oncology</i> , 2016 , 6, 7	5.3	215
57	Transient tissue priming via ROCK inhibition uncouples pancreatic cancer progression, sensitivity to chemotherapy, and metastasis. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	159
56	Greatwall maintains mitosis through regulation of PP2A. <i>EMBO Journal</i> , 2009 , 28, 2786-93	13	145
55	Tumor cell-selective cytotoxicity by targeting cell cycle checkpoints. <i>FASEB Journal</i> , 2003 , 17, 1550-2	0.9	121
54	Histone deacetylase inhibitors specifically kill nonproliferating tumour cells. <i>Oncogene</i> , 2004 , 23, 6693-701	11	118
53	Up-regulation of p21(WAF1/CIP1) by histone deacetylase inhibitors reduces their cytotoxicity. <i>Molecular Pharmacology</i> , 2001 , 60, 828-37	4.3	88
52	Tailored first-line and second-line CDK4-targeting treatment combinations in mouse models of pancreatic cancer. <i>Gut</i> , 2018 , 67, 2142-2155	19.2	71
51	Constant regulation of both the MPF amplification loop and the Greatwall-PP2A pathway is required for metaphase II arrest and correct entry into the first embryonic cell cycle. <i>Journal of Cell Science</i> , 2010 , 123, 2281-91	5.3	68
50	The EBNA-3 gene family proteins disrupt the G2/M checkpoint. <i>Oncogene</i> , 2004 , 23, 1342-53	9.2	54
49	Quantitative live imaging of endogenous DNA replication in mammalian cells. <i>PLoS ONE</i> , 2012 , 7, e45726	3.7	54
48	Characterization of the mechanisms controlling Greatwall activity. <i>Molecular and Cellular Biology</i> , 2011 , 31, 2262-75	4.8	52
47	Histone hyperacetylation induced by histone deacetylase inhibitors is not sufficient to cause growth inhibition in human dermal fibroblasts. <i>Journal of Biological Chemistry</i> , 2001 , 276, 22491-9	5.4	49
46	Global Phosphoproteomic Mapping of Early Mitotic Exit in Human Cells Identifies Novel Substrate Dephosphorylation Motifs. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 2194-212	7.6	47

45	Chfr interacts and colocalizes with TCTP to the mitotic spindle. <i>Oncogene</i> , 2008 , 27, 5554-66	9.2	45
44	Pin1 stabilizes Emi1 during G2 phase by preventing its association with SCF(beta-trcp). <i>EMBO Reports</i> , 2007 , 8, 91-8	6.5	44
43	Mechanism of mitosis-specific activation of MEK1. <i>Journal of Biological Chemistry</i> , 2003 , 278, 16747-54	5.4	44
42	The role of canonical and non-canonical Hedgehog signaling in tumor progression in a mouse model of small cell lung cancer. <i>Oncogene</i> , 2017 , 36, 5544-5550	9.2	40
41	The role of MDM2 and MDM4 in breast cancer development and prevention. <i>Journal of Molecular Cell Biology</i> , 2017 , 9, 53-61	6.3	38
40	Cyclin E2 induces genomic instability by mechanisms distinct from cyclin E1. <i>Cell Cycle</i> , 2013 , 12, 606-17	4.7	37
39	Ensa controls S-phase length by modulating Treslin levels. <i>Nature Communications</i> , 2017 , 8, 206	17.4	31
38	Stressing mitosis to death. <i>Frontiers in Oncology</i> , 2014 , 4, 140	5.3	31
37	PP1 initiates the dephosphorylation of MASTL, triggering mitotic exit and bistability in human cells. <i>Journal of Cell Science</i> , 2016 , 129, 1340-54	5.3	31
36	Inhibition of S/G2 phase CDK4 reduces mitotic fidelity. <i>Journal of Biological Chemistry</i> , 2006 , 281, 9987-954	5.4	29
35	MASTL overexpression promotes chromosome instability and metastasis in breast cancer. <i>Oncogene</i> , 2018 , 37, 4518-4533	9.2	27
34	AndyS Algorithms: new automated digital image analysis pipelines for FIJI. <i>Scientific Reports</i> , 2017 , 7, 15717	4.9	24
33	Inhibition of activin signaling in lung adenocarcinoma increases the therapeutic index of platinum chemotherapy. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	23
32	The E3 ubiquitin ligase UBR5 regulates centriolar satellite stability and primary cilia. <i>Molecular Biology of the Cell</i> , 2018 , 29, 1542-1554	3.5	20
31	Why Be One Protein When You Can Affect Many? The Multiple Roles of YB-1 in Lung Cancer and Mesothelioma. <i>Frontiers in Cell and Developmental Biology</i> , 2019 , 7, 221	5.7	17
30	Exploiting novel cell cycle targets in the development of anticancer agents. <i>Current Cancer Drug Targets</i> , 2005 , 5, 85-102	2.8	17
29	Mechanisms regulating phosphatase specificity and the removal of individual phosphorylation sites during mitotic exit. <i>BioEssays</i> , 2016 , 38 Suppl 1, S24-32	4.1	17
28	A UVR-induced G2-phase checkpoint response to ssDNA gaps produced by replication fork bypass of unrepaired lesions is defective in melanoma. <i>Journal of Investigative Dermatology</i> , 2012 , 132, 1681-8	4.3	16

27	Rapid Intestinal Uptake and Targeted Delivery to the Liver Endothelium Using Orally Administered Silver Sulfide Quantum Dots. <i>ACS Nano</i> , 2020 , 14, 1492-1507	16.7	15
26	The Oncogenic Functions of MASTL Kinase. <i>Frontiers in Cell and Developmental Biology</i> , 2018 , 6, 162	5.7	15
25	Cyclin E2 is the predominant E-cyclin associated with NPAT in breast cancer cells. <i>Cell Division</i> , 2015 , 10, 1	2.8	12
24	The tumor suppressor Hic1 maintains chromosomal stability independent of Tp53. <i>Oncogene</i> , 2018 , 37, 1939-1948	9.2	12
23	Role of endoplasmic reticulum stress induction by the plant toxin, persin, in overcoming resistance to the apoptotic effects of tamoxifen in human breast cancer cells. <i>British Journal of Cancer</i> , 2013 , 109, 3034-41	8.7	12
22	Evolutionary Divergence of Enzymatic Mechanisms for Tubulin Detyrosination. <i>Cell Reports</i> , 2019 , 29, 4159-4171.e6	10.6	11
21	SnapShot: Phosphoregulation of Mitosis. <i>Cell</i> , 2017 , 169, 1358-1358.e1	56.2	10
20	RSK2 is a kinetochore-associated protein that participates in the spindle assembly checkpoint. <i>Oncogene</i> , 2010 , 29, 3566-74	9.2	10
19	Defining the chemotherapeutic targets of histone deacetylase inhibitors. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1030, 627-35	6.5	8
18	Trp53 and Rb1 regulate autophagy and ligand-dependent Hedgehog signaling. <i>Journal of Clinical Investigation</i> , 2020 , 130, 4006-4018	15.9	8
17	Dataset from the global phosphoproteomic mapping of early mitotic exit in human cells. <i>Data in Brief</i> , 2015 , 5, 45-52	1.2	7
16	Cyclin E2 Promotes Whole Genome Doubling in Breast Cancer. <i>Cancers</i> , 2020 , 12,	6.6	7
15	Analysis of pulsed cisplatin signalling dynamics identifies effectors of resistance in lung adenocarcinoma. <i>ELife</i> , 2020 , 9,	8.9	6
14	Label free, quantitative single-cell fate tracking of time-lapse movies. <i>MethodsX</i> , 2019 , 6, 2468-2475	1.9	6
13	Breathing New Life into the Mechanisms of Platinum Resistance in Lung Adenocarcinoma. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 305	5.7	5
12	Cep55 overexpression promotes genomic instability and tumorigenesis in mice. <i>Communications Biology</i> , 2020 , 3, 593	6.7	5
11	Intravital imaging technology guides FAK-mediated priming in pancreatic cancer precision medicine according to Merlin status. <i>Science Advances</i> , 2021 , 7, eabh0363	14.3	5
10	YB-1 Knockdown Inhibits the Proliferation of Mesothelioma Cells through Multiple Mechanisms. <i>Cancers</i> , 2020 , 12,	6.6	3

9	A non-genetic, cell cycle-dependent mechanism of platinum resistance in lung adenocarcinoma. <i>ELife</i> , 2021 , 10,	8.9	3
8	SnapShot: S-Phase Entry and Exit. <i>Cell</i> , 2019 , 179, 802-802.e1	56.2	2
7	Cep55 overexpression promotes genomic instability and tumorigenesis in mice		2
6	Multiple interaction nodes define the postreplication repair response to UV-induced DNA damage that is defective in melanomas and correlated with UV signature mutation load. <i>Molecular Oncology</i> , 2020 , 14, 22-41	7.9	2
5	Cdc25 Family Phosphatases in Cancer 2016 , 283-306		1
4	Cep55 regulation of PI3K/Akt signaling is required for neocortical development and ciliogenesis. <i>PLoS Genetics</i> , 2021 , 17, e1009334	6	0
3	Degrading Claspin away with Cdh1 and Cyclin A. <i>Cell Cycle</i> , 2015 , 14, 171	4.7	
2	R43 Caractérisation des sites de phosphorylation de la nouvelle kinase Greatwall et leur implication dans le contrôle de la progression mitotique. <i>Bulletin Du Cancer</i> , 2010 , 97, S32	2.4	
1	Mechanisms regulating phosphatase specificity and the removal of individual phosphorylation sites during mitotic exit. <i>Inside the Cell</i> , 2016 , 1, 27-35		