Stephen s S Taylor

List of Publications by Year in Descending Order

70 papers	9,213 citations	40 h-index	72 g-index
72 ext. papers	10,114 ext. citations	9.5 avg, IF	6.18 L-index

#	Paper	IF	Citations
70	Replication catastrophe is responsible for intrinsic PAR glycohydrolase inhibitor-sensitivity in patient-derived ovarian cancer models. *Journal of Experimental and Clinical Cancer Research*, **2021**, 40, 323	12.8	1
69	DNA replication stress and emerging prospects for PARG inhibitors in ovarian cancer therapy. *Progress in Biophysics and Molecular Biology*, **2021**, 163, 160-170	4.7	3
68	Distinct transcriptional programs stratify ovarian cancer cell lines into the five major histological subtypes. *Genome Medicine*, **2021**, 13, 140	14.4	11
67	TP53 loss initiates chromosomal instability in fallopian tube epithelial cells. *DMM Disease Models and Mechanisms*, **2021**, 14,	4.1	2
66	Inhibitors of the Bub1 spindle assembly checkpoint kinase: synthesis of BAY-320 and comparison with 2OH-BNPP1.. *Royal Society Open Science*, **2021**, 8, 210854	3.3	1
65	A living biobank of ovarian cancer ex vivo models reveals profound mitotic heterogeneity. *Nature Communications*, **2020**, 11, 822	17.4	32
64	Targeted nanopore sequencing for the identification of ABCB1 promoter translocations in cancer. *BMC Cancer*, **2020**, 20, 1075	4.8	4
63	Human spermbots for patient-representative 3D ovarian cancer cell treatment. *Nanoscale*, **2020**, 12, 20467-20481	7.7	8
62	Oncogenic MYC amplifies mitotic perturbations. *Open Biology*, **2019**, 9, 190136	7	11
61	DNA Replication Vulnerabilities Render Ovarian Cancer Cells Sensitive to Poly(ADP-Ribose) Glycohydrolase Inhibitors. *Cancer Cell*, **2019**, 35, 519-533.e8	24.3	49
60	The p38 Stress Kinase Suppresses Aneuploidy Tolerance by Inhibiting Hif-1 *Cell Reports*, **2018**, 25, 749-760.e6	10.6	17
59	Inhibition of Bcl-xL sensitizes cells to mitotic blockers, but not mitotic drivers. *Open Biology*, **2016**, 6,	7	18
58	Mcl-1 dynamics influence mitotic slippage and death in mitosis. *Oncotarget*, **2016**, 7, 5176-92	3.3	44
57	MYC Is a Major Determinant of Mitotic Cell Fate. *Cancer Cell*, **2015**, 28, 129-40	24.3	85
56	Glucocorticoid receptor regulates accurate chromosome segregation and is associated with malignancy. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 5479-84	11.5	34
55	Cenp-E inhibitor GSK923295: Novel synthetic route and use as a tool to generate aneuploidy. *Oncotarget*, **2015**, 6, 20921-32	3.3	26
54	Mitotic entry: Non-genetic heterogeneity exposes the requirement for Plk1. *Oncotarget*, **2015**, 6, 36472-88	3.3	11

53	Mitosis and apoptosis: how is the balance set?. *Current Opinion in Cell Biology*, **2013**, 25, 780-5	9	141
52	The spindle assembly checkpoint. *Current Biology*, **2012**, 22, R966-80	6.3	522
51	Cohesion fatigue explains why pharmacological inhibition of the APC/C induces a spindle checkpoint-dependent mitotic arrest. *PLoS ONE*, **2012**, 7, e49041	3.7	36
50	p31comet-mediated extraction of Mad2 from the MCC promotes efficient mitotic exit. *Journal of Cell Science*, **2011**, 124, 3905-16	5.3	107
49	BubR1 blocks substrate recruitment to the APC/C in a KEN-box-dependent manner. *Journal of Cell Science*, **2011**, 124, 4332-45	5.3	87
48	Defining the role of APC in the mitotic spindle checkpoint in vivo: APC-deficient cells are resistant to Taxol. *Oncogene*, **2010**, 29, 6418-27	9.2	26
47	Sustained Mps1 activity is required in mitosis to recruit O-Mad2 to the Mad1-C-Mad2 core complex. *Journal of Cell Biology*, **2010**, 190, 25-34	7.3	251
46	Cdc20 is required for the post-anaphase, KEN-dependent degradation of centromere protein F. *Journal of Cell Science*, **2010**, 123, 321-30	5.3	43
45	Sgo1 establishes the centromeric cohesion protection mechanism in G2 before subsequent Bub1-dependent recruitment in mitosis. *Journal of Cell Science*, **2010**, 123, 653-9	5.3	35
44	Dissecting the role of MPS1 in chromosome biorientation and the spindle checkpoint through the small molecule inhibitor reversine. *Journal of Cell Biology*, **2010**, 190, 73-87	7.3	355
43	Re-evaluating the role of Tao1 in the spindle checkpoint. *Chromosoma*, **2010**, 119, 371-9	2.8	31
42	Inactivating the spindle checkpoint kinase Bub1 during embryonic development results in a global shutdown of proliferation. *BMC Research Notes*, **2009**, 2, 190	2.3	5
41	Regulation of APC/C activity in oocytes by a Bub1-dependent spindle assembly checkpoint. *Current Biology*, **2009**, 19, 369-80	6.3	166
40	Mitotic drivers--inhibitors of the Aurora B Kinase. *Cancer and Metastasis Reviews*, **2009**, 28, 185-95	9.6	55
39	The Aurora B kinase activity is required for the maintenance of the differentiated state of murine myoblasts. *Cell Death and Differentiation*, **2009**, 16, 321-30	12.7	43
38	How do anti-mitotic drugs kill cancer cells?. *Journal of Cell Science*, **2009**, 122, 2579-85	5.3	279
37	Polo-like kinase-1 is activated by aurora A to promote checkpoint recovery. *Nature*, **2008**, 455, 119-23	50.4	520
36	Cancer cells display profound intra- and interline variation following prolonged exposure to antimitotic drugs. *Cancer Cell*, **2008**, 14, 111-22	24.3	624

35	Polo and Aurora kinases: lessons derived from chemical biology. *Current Opinion in Cell Biology*, **2008**, 20, 77-84	9	117
34	Mitochondrial targeting of adenomatous polyposis coli protein is stimulated by truncating cancer mutations: regulation of Bcl-2 and implications for cell survival. *Journal of Biological Chemistry*, **2008**, 283, 5950-9	5.4	32
33	Mps1 kinase activity restrains anaphase during an unperturbed mitosis and targets Mad2 to kinetochores. *Journal of Cell Biology*, **2008**, 181, 893-901	7.3	140
32	Molecular basis of drug resistance in aurora kinases. *Chemistry and Biology*, **2008**, 15, 552-62		98
31	GSK-3 inhibitors induce chromosome instability. *BMC Cell Biology*, **2007**, 8, 34		77
30	Recognizing and exploiting differences between RNAi and small-molecule inhibitors. *Nature Chemical Biology*, **2007**, 3, 739-44	11.7	211
29	Cenp-F links kinetochores to Ndel1/Nde1/Lis1/dynein microtubule motor complexes. *Current Biology*, **2007**, 17, 1173-9	6.3	129
28	Comment on "A centrosome-independent role for gamma-TuRC proteins in the spindle assembly checkpoint". *Science*, **2007**, 316, 982; author reply 982	33.3	1
27	Protein phosphatase 2A and separase form a complex regulated by separase autocleavage. *Journal of Biological Chemistry*, **2007**, 282, 24623-32	5.4	32
26	Bub1 maintains centromeric cohesion by activation of the spindle checkpoint. *Developmental Cell*, **2007**, 13, 566-79	10.2	108
25	Bub1 up-regulation and hyperphosphorylation promote malignant transformation in SV40 tag-induced transgenic mouse models. *Molecular Cancer Research*, **2006**, 4, 957-69	6.6	8
24	Validating Aurora B as an anti-cancer drug target. *Journal of Cell Science*, **2006**, 119, 3664-75	5.3	251
23	Cyclin-B1-mediated inhibition of excess separase is required for timely chromosome disjunction. *Journal of Cell Science*, **2006**, 119, 3325-36	5.3	77
22	The Ipl1/Aurora kinase family: methods of inhibition and functional analysis in mammalian cells. *Methods in Molecular Biology*, **2005**, 296, 371-81	1.4	11
21	Silencing Cenp-F weakens centromeric cohesion, prevents chromosome alignment and activates the spindle checkpoint. *Journal of Cell Science*, **2005**, 118, 4889-900	5.3	85
20	Bub1 and aurora B cooperate to maintain BubR1-mediated inhibition of APC/CCdc20. *Journal of Cell Science*, **2005**, 118, 3639-52	5.3	147
19	The kinase haspin is required for mitotic histone H3 Thr 3 phosphorylation and normal metaphase chromosome alignment. *Genes and Development*, **2005**, 19, 472-88	12.6	259
18	Truncating APC mutations have dominant effects on proliferation, spindle checkpoint control, survival and chromosome stability. *Journal of Cell Science*, **2004**, 117, 6339-53	5.3	178

17	Bub1 is required for kinetochore localization of BubR1, Cenp-E, Cenp-F and Mad2, and chromosome congression. *Journal of Cell Science*, **2004**, 117, 1577-89	5.3	267
16	Aurora-kinase inhibitors as anticancer agents. *Nature Reviews Cancer*, **2004**, 4, 927-36	31.3	564
15	The spindle checkpoint: a quality control mechanism which ensures accurate chromosome segregation. *Chromosome Research*, **2004**, 12, 599-616	4.4	110
14	Aurora B couples chromosome alignment with anaphase by targeting BubR1, Mad2, and Cenp-E to kinetochores. *Journal of Cell Biology*, **2003**, 161, 267-80	7.3	1021
13	Farnesylation of Cenp-F is required for G2/M progression and degradation after mitosis. *Journal of Cell Science*, **2002**, 115, 3403-3414	5.3	103
12	Farnesylation of Cenp-F is required for G2/M progression and degradation after mitosis. *Journal of Cell Science*, **2002**, 115, 3403-14	5.3	95
11	Aneuploid colon cancer cells have a robust spindle checkpoint. *EMBO Reports*, **2001**, 2, 609-14	6.5	137
10	Kinetochore localisation and phosphorylation of the mitotic checkpoint components Bub1 and BubR1 are differentially regulated by spindle events in human cells. *Journal of Cell Science*, **2001**, 114, 4385-4395	5.3	150
9	A visual screen of a GFP-fusion library identifies a new type of nuclear envelope membrane protein. *Journal of Cell Biology*, **1999**, 146, 29-44	7.3	167
8	Chromosome segregation: dual control ensures fidelity. *Current Biology*, **1999**, 9, R562-4	6.3	33
7	The human homologue of Bub3 is required for kinetochore localization of Bub1 and a Mad3/Bub1-related protein kinase. *Journal of Cell Biology*, **1998**, 142, 1-11	7.3	377
6	Kinetochore localization of murine Bub1 is required for normal mitotic timing and checkpoint response to spindle damage. *Cell*, **1997**, 89, 727-35	56.2	488
5	Analysis of extrachromosomal structures containing human centromeric alphoid satellite DNA sequences in mouse cells. *Chromosoma*, **1996**, 105, 70-81	2.8	32
4	A method for linking yeast artificial chromosomes. *Nucleic Acids Research*, **1996**, 24, 4192-6	20.1	7
3	Addition of functional human telomeres to YACs. *Human Molecular Genetics*, **1994**, 3, 1383-6	5.6	16
2	Inhibitors of the Bub1 spindle assembly checkpoint kinase: Synthesis of BAY-320 and comparison with 2OH-BNPP1		1
1	TP53 loss initiates chromosomal instability in high-grade serous ovarian cancer		1