Duncan J Clarke

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6125828/publications.pdf

Version: 2024-02-01

76 papers	2,559 citations	185998 28 h-index	197535 49 g-index
88 all docs	88 docs citations	88 times ranked	2370 citing authors

#	Article	IF	Citations
1	A topoisomerase II-dependent G2 cycle checkpoint in mammalian cells. Nature, 1994, 372, 467-470.	13.7	315
2	UBA domains of DNA damage-inducible proteins interact with ubiquitin. Nature Structural Biology, 2001, 8, 417-422.	9.7	297
3	A Novel Role of the Budding Yeast Separin Esp1 in Anaphase Spindle Elongation. Journal of Cell Biology, 2001, 152, 27-40.	2.3	135
4	UBA domains mediate protein-protein interactions between two DNA damage-inducible proteins 1 1Edited by M. Yaniv. Journal of Molecular Biology, 2001, 313, 955-963.	2.0	107
5	The Ubiquitin-Associated (UBA) Domain: On the Path from Prudence to Prurience. Cell Cycle, 2002, 1, 233-242.	1.3	90
6	CYP3A4 Mediates Growth of Estrogen Receptor-positive Breast Cancer Cells in Part by Inducing Nuclear Translocation of Phospho-Stat3 through Biosynthesis of (Â±)-14,15-Epoxyeicosatrienoic Acid (EET). Journal of Biological Chemistry, 2011, 286, 17543-17559.	1.6	89
7	Checkpoints controlling mitosis. BioEssays, 2000, 22, 351-363.	1.2	86
8	Dosage Suppressors of pds1 Implicate Ubiquitin-Associated Domains in Checkpoint Control. Molecular and Cellular Biology, 2001, 21, 1997-2007.	1.1	86
9	UBL/UBA Ubiquitin Receptor Proteins Bind a Common Tetraubiquitin Chain. Journal of Molecular Biology, 2006, 356, 1027-1035.	2.0	75
10	Genome-wide replication profiles of S-phase checkpoint mutants reveal fragile sites in yeast. EMBO Journal, 2006, 25, 3627-3639.	3.5	68
11	PIASÎ³ Is Required for Faithful Chromosome Segregation in Human Cells. PLoS ONE, 2006, 1, e53.	1.1	65
12	Clb5-associated Kinase Activity is Required Early in the Spindle Pathway for Correct Preanaphase Nuclear Positioning in Saccharomyces cerevisiae. Journal of Cell Biology, 1998, 143, 135-145.	2.3	61
13	Coordinated Spindle Assembly and Orientation Requires Clb5p-Dependent Kinase in Budding Yeast. Journal of Cell Biology, 2000, 148, 441-452.	2.3	61
14	In Vivo Analysis of Chromosome Condensation in Saccharomyces cerevisiae. Molecular Biology of the Cell, 2007, 18, 557-568.	0.9	57
15	Topoisomerase II Checkpoints: Universal Mechanisms that Regulate Mitosis. Cell Cycle, 2006, 5, 1925-1928.	1.3	52
16	Pericentromere tension is self-regulated by spindle structure in metaphase. Journal of Cell Biology, 2014, 205, 313-324.	2.3	49
17	Regulated Separation of Sister Centromeres depends on the Spindle Assembly Checkpoint but not on the Anaphase Promoting Complex/Cyclosome. Cell Cycle, 2005, 4, 1561-1575.	1.3	48
18	Chromosome cohesion â€“ rings, knots, orcs and fellowship. Journal of Cell Science, 2008, 121, 2107-2114.	1.2	48

#	Article	IF	Citations
19	Yeast UBL-UBA proteins have partially redundant functions in cell cycle control. Cell Division, 2006, 1, 28.	1.1	47
20	The Pds1 anaphase inhibitor and Mec1 kinase define distinct checkpoints coupling S phase with mitosis in budding yeast. Current Biology, 1999, 9, 365-370.	1.8	45
21	Mec1p regulates Pds1p levels in S phase: complex coordination of DNA replication and mitosis. Nature Cell Biology, 2001, 3, 619-627.	4.6	41
22	A mitotic topoisomerase II checkpoint in budding yeast is required for genome stability but acts independently of Pds1/securin. Genes and Development, 2006, 20, 1162-1174.	2.7	40
23	S-phase checkpoint controls mitosis via an APC-independent Cdc20p function. Nature Cell Biology, 2003, 5, 928-935.	4.6	38
24	Rad21 is required for centrosome integrity in human cells independently of its role in chromosome cohesion. Cell Cycle, 2010, 9, 1774-1780.	1.3	38
25	A noncatalytic function of the topoisomerase II CTD in Aurora B recruitment to inner centromeres during mitosis. Journal of Cell Biology, 2016, 213, 651-664.	2.3	38
26	p53 Prevents the Accumulation of Double-Strand DNA Breaks at Stalled-Replication Forks Induced by UV in Human Cells. Cell Cycle, 2004, 3, 1543-1557.	1.3	37
27	A novel chromatin tether domain controls topoisomerase IIÎ± dynamics and mitotic chromosome formation. Journal of Cell Biology, 2013, 203, 471-486.	2.3	37
28	Separase is Required at Multiple Pre-Anaphase Cell Cycle Stages in Human Cells. Cell Cycle, 2005, 4, 1576-1584.	1.3	28
29	Cohesin is needed for bipolar mitosis in human cells. Cell Cycle, 2010, 9, 1764-1773.	1.3	25
30	Cohesin Is Dispensable for Centromere Cohesion in Human Cells. PLoS ONE, 2007, 2, e318.	1.1	24
31	Direct Monitoring of the Strand Passage Reaction of DNA Topoisomerase II Triggers Checkpoint Activation. PLoS Genetics, 2013, 9, e1003832.	1.5	22
32	DNA catenations that link sister chromatids until the onset of anaphase are maintained by a checkpoint mechanism. European Journal of Cell Biology, 2002, 81, 9-16.	1.6	21
33	Regulation of Centromeric Cohesion by Sororin Independently of the APC/C. Cell Cycle, 2007, 6, 714-724.	1.3	21
34	Topoisomerase II SUMOylation activates a metaphase checkpoint via Haspin and Aurora B kinases. Journal of Cell Biology, 2020, 219, .	2.3	20
35	Chromosome cohesion and the spindle checkpoint. Cell Cycle, 2009, 8, 2733-2740.	1.3	17
36	Non-Catalytic Roles of the Topoisomerase IIÎ± C-Terminal Domain. International Journal of Molecular Sciences, 2017, 18, 2438.	1.8	17

#	Article	IF	Citations
37	Proteolysis and the Cell Cycle: Introduction. Cell Cycle, 2002, 1, 231-232.	1.3	16
38	Kinetochore structure and spindle assembly checkpoint signaling in the budding yeast, Saccharomyces Cerevisiae. Frontiers in Bioscience - Landmark, 2008, Volume, 6787.	3.0	16
39	A Topoisomerase II-Dependent Checkpoint in G2-Phase Plant Cells Can Be Bypassed by Ectopic Expression of Mitotic Cyclin B2. Cell Cycle, 2002, 1, 186-191.	1.3	15
40	DNA-Damage-Independent Checkpoints: Yeast and Higher Eukaryotes. Cell Cycle, 2002, 1, 13-29.	1.3	15
41	Anaphase Promoting Complex or Cyclosome?. Cell Cycle, 2005, 4, 1585-1592.	1.3	14
42	The Ras pathway and spindle assembly collide?. BioEssays, 2001, 23, 307-310.	1.2	13
43	Determinants of Rad21 localization at the centrosome in human cells. Cell Cycle, 2010, 9, 1759-1763.	1.3	13
44	Cell cycle regulation of condensin Smc4. Oncotarget, 2019, 10, 263-276.	0.8	12
45	Evidence That the Yeast Spindle Assembly Checkpoint Has a Target Other Than the Anaphase Promoting Complex. Cell Cycle, 2005, 4, 1555-1557.	1.3	10
46	Proteasome Activity is Required for Centromere Separation Independently of Securin Degradation in Human Cells. Cell Cycle, 2005, 4, 1558-1560.	1.3	9
47	A topoisomerase II-dependent checkpoint in G2-phase plant cells can be bypassed by ectopic expression of mitotic cyclin B2. Cell Cycle, 2002, 1, 187-92.	1.3	8
48	Aurora B kinases restrict chromosome decondensation to telophase of mitosis. Cell Cycle, 2008, 7, 293-296.	1.3	7
49	MCPH1 is essential for cellular adaptation to the G 2 â€phase decatenation checkpoint. FASEB Journal, 2019, 33, 8363-8374.	0.2	7
50	Analyzing Mitotic Chromosome Structural Defects After Topoisomerase II Inhibition or Mutation. Methods in Molecular Biology, 2018, 1703, 191-215.	0.4	6
51	Establishment of dependence relationships between genome replication and mitosis. Journal of Cellular Biochemistry, 2003, 88, 95-103.	1.2	5
52	Self-Regulating Model for Control of Replication Origin Firing in Budding Yeast. Cell Cycle, 2003, 2, 575-577.	1.3	5
53	Cytological Analysis of Chromosome Structural Defects that Result from Topoisomerase II Dysfunction. Methods in Molecular Biology, 2009, 582, 189-207.	0.4	5
54	Competence for assembly of sister chromatid cores is progressively acquired during S phase in mammalian cells. European Journal of Cell Biology, 1999, 78, 601-603.	1.6	4

#	Article	IF	Citations
55	Strong inducible knockdown of Cdc20 does not cause mitotic arrest in human somatic cells: Implications for cancer therapy?. Cell Cycle, 2009, 8, 515-517.	1.3	4
56	Introduction: Emerging Themes in DNA Topoisomerase Research. Methods in Molecular Biology, 2009, 582, 1-9.	0.4	4
57	Replication-coupled topoisomerase II templates the mitotic chromosome scaffold?. Cell Cycle, 2003, 2, 230-2.	1.3	4
58	Replication-Coupled Topoisomerase II Templates the Mitotic Chromosome Scaffold?. Cell Cycle, 2003, 2, 229-231.	1.3	3
59	Genome instability: Does genetic diversity amplification drive tumorigenesis?. BioEssays, 2012, 34, 963-972.	1.2	3
60	Mitotic entry upon Topo II catalytic inhibition is controlled by Chk1 and Plk1. FEBS Journal, 2020, 287, 4933-4951.	2.2	3
61	Assaying Topoisomerase II Checkpoints in Yeast. Methods in Molecular Biology, 2009, 582, 167-187.	0.4	3
62	p53-Independent checkpoint controls in a plant cell model. Biological Research, 2003, 36, 381-8.	1.5	2
63	Cdc20 in S-phase: The Banquo at Replicationâ€™s Banquet. Cell Cycle, 2004, 3, 274-277.	1.3	2
64	MRX (Mre11/Rad50/Xrs2) Mutants Reveal Dual Intra-S-Phase Checkpoint Systems in Budding Yeast. Cell Cycle, 2005, 4, 4073-4077.	1.3	2
65	A festival of cell-cycle controls. Trends in Cell Biology, 2001, 11, 445-446.	3.6	1
66	Mitosis: Introduction. Cell Cycle, 2002, 1, 298-299.	1.3	1
67	Sororin is tethered to Cohesin SA2. Cell Cycle, 2015, 14, 1133-1133.	1.3	1
68	Decatenation: fixing your knots. Blood, 2009, 114, 1721-1722.	0.6	0
69	Timeless makes some time for itself. Cell Cycle, 2011, 10, 2254-2254.	1.3	0
70	Are tumor cells protected from some anti-cancer drugs by elevated APC/C activity? (Comment on DOI:) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.2	0
71	Novel kinetochore function of Topoisomerase IIÎ±. Cell Cycle, 2015, 14, 2875-2876.	1.3	0
72	Visualizing chromosome segregation in live cells. Cell Cycle, 2016, 15, 1811-1811.	1.3	0

#	Article	IF	Citations
73	Cell surface damage activates a cell cycle checkpoint (comment on DOI: 10.1002/bies.201600210). BioEssays, 2017, 39, 1700022.	1.2	0
74	Monitoring the DNA Topoisomerase II Checkpoint in Saccharomyces cerevisiae. Methods in Molecular Biology, 2018, 1703, 217-240.	0.4	0
75	MCPH1 Lack of Function Enhances Mitotic Cell Sensitivity Caused by Catalytic Inhibitors of Topo II. Genes, 2020, 11, 406.	1.0	0
76	Cell cycle checkpoints and cell surface damage. BioEssays, 2022, , 2200079.	1.2	0