

Paul R Clarke

List of Publications by Citations

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

70
papers

4,373
citations

34
h-index

66
g-index

74
ext. papers

4,653
ext. citations

9.9
avg, IF

5.47
L-index

#	Paper	IF	Citations
70	Inhibition of caspase-9 through phosphorylation at Thr 125 by ERK MAPK. <i>Nature Cell Biology</i> , 2003 , 5, 647-54	23.4	391
69	Purification and characterization of the AMP-activated protein kinase. Copurification of acetyl-CoA carboxylase kinase and 3-hydroxy-3-methylglutaryl-CoA reductase kinase activities. <i>FEBS Journal</i> , 1989 , 186, 129-36		333
68	Spatial and temporal coordination of mitosis by Ran GTPase. <i>Nature Reviews Molecular Cell Biology</i> , 2008 , 9, 464-77	48.7	332
67	Phosphorylation of Mcl-1 by CDK1-cyclin B1 initiates its Cdc20-dependent destruction during mitotic arrest. <i>EMBO Journal</i> , 2010 , 29, 2407-20	13	244
66	Phosphorylation of caspase-9 by CDK1/cyclin B1 protects mitotic cells against apoptosis. <i>Molecular Cell</i> , 2007 , 26, 301-10	17.6	188
65	Chromatin-independent nuclear envelope assembly induced by Ran GTPase in <i>Xenopus</i> egg extracts. <i>Science</i> , 2000 , 288, 1429-32	33.3	179
64	Regulation of apoptosis by BH3 domains in a cell-free system. <i>Current Biology</i> , 1997 , 7, 913-20	6.3	157
63	Apoptosis and autophagy: Regulation of caspase-9 by phosphorylation. <i>FEBS Journal</i> , 2009 , 276, 6063-73	7.7	143
62	Cell-cycle control in the face of damage--a matter of life or death. <i>Trends in Cell Biology</i> , 2009 , 19, 89-98	18.3	115
61	Bcl-2 regulates amplification of caspase activation by cytochrome c. <i>Current Biology</i> , 1999 , 9, 147-50	6.3	112
60	Ran GTPase: a master regulator of nuclear structure and function during the eukaryotic cell division cycle?. <i>Trends in Cell Biology</i> , 2001 , 11, 366-71	18.3	107
59	Inhibition of the G2 DNA damage checkpoint and of protein kinases Chk1 and Chk2 by the marine sponge alkaloid debromohymenialdisine. <i>Journal of Biological Chemistry</i> , 2001 , 276, 17914-9	5.4	98
58	Evidence for a protein kinase cascade in higher plants. 3-Hydroxy-3-methylglutaryl-CoA reductase kinase. <i>FEBS Journal</i> , 1992 , 209, 923-31		96
57	Targeting of RCC1 to chromosomes is required for proper mitotic spindle assembly in human cells. <i>Current Biology</i> , 2002 , 12, 1442-7	6.3	95
56	Bcl-2 regulates a caspase-3/caspase-2 apoptotic cascade in cytosolic extracts. <i>Oncogene</i> , 1999 , 18, 1781-7	7.2	92
55	DYRK1A phosphorylates caspase 9 at an inhibitory site and is potently inhibited in human cells by harmine. <i>FEBS Journal</i> , 2008 , 275, 6268-80	5.7	91
54	DNA-dependent phosphorylation of Chk1 and Claspin in a human cell-free system. <i>Biochemical Journal</i> , 2005 , 388, 705-12	3.8	83

53	Role of importin-beta in the control of nuclear envelope assembly by Ran. <i>Current Biology</i> , 2002 , 12, 498-502	6.2	79
52	Protein kinase A regulates caspase-9 activation by Apaf-1 downstream of cytochrome c. <i>Journal of Biological Chemistry</i> , 2005 , 280, 15449-55	5.4	74
51	Roles of Ran-GTP and Ran-GDP in precursor vesicle recruitment and fusion during nuclear envelope assembly in a human cell-free system. <i>Current Biology</i> , 2001 , 11, 208-12	6.3	71
50	Phosphorylation regulates the dynamic interaction of RCC1 with chromosomes during mitosis. <i>Current Biology</i> , 2004 , 14, 1099-104	6.3	67
49	Cleavage of rabaptin-5 blocks endosome fusion during apoptosis. <i>EMBO Journal</i> , 1997 , 16, 6182-91	13	61
48	Regulation of caspase 9 through phosphorylation by protein kinase C zeta in response to hyperosmotic stress. <i>Molecular and Cellular Biology</i> , 2005 , 25, 10543-55	4.8	61
47	Clathrin recruits phosphorylated TACC3 to spindle poles for bipolar spindle assembly and chromosome alignment. <i>Journal of Cell Science</i> , 2010 , 123, 3645-51	5.3	60
46	Cyclin B1 is localized to unattached kinetochores and contributes to efficient microtubule attachment and proper chromosome alignment during mitosis. <i>Cell Research</i> , 2008 , 18, 268-80	24.7	60
45	Many Fingers on the Mitotic Trigger: Post-Translational Regulation of the Cdc25C Phosphatase. <i>Cell Cycle</i> , 2004 , 3, 40-44	4.7	56
44	Substrate specificity determinants of the checkpoint protein kinase Chk1. <i>FEBS Letters</i> , 2000 , 466, 91-5	3.8	46
43	Bcl-2 regulates activation of apoptotic proteases in a cell-free system. <i>Current Biology</i> , 1996 , 6, 997-1005	6.3	45
42	Concentration of Ran on chromatin induces decondensation, nuclear envelope formation and nuclear pore complex assembly. <i>European Journal of Cell Biology</i> , 2002 , 81, 623-33	6.1	42
41	Signal transduction. Switching off MAP kinases. <i>Current Biology</i> , 1994 , 4, 647-50	6.3	41
40	Okadaic acid-sensitive protein phosphatases dephosphorylate MARCKS, a major protein kinase C substrate. <i>FEBS Letters</i> , 1993 , 336, 37-42	3.8	40
39	Regulation of Cdc2/cyclin B activation in Xenopus egg extracts via inhibitory phosphorylation of Cdc25C phosphatase by Ca(2+)/calmodulin-dependent protein [corrected] kinase II. <i>Molecular Biology of the Cell</i> , 2003 , 14, 4003-14	3.5	39
38	Cellular responses to a prolonged delay in mitosis are determined by a DNA damage response controlled by Bcl-2 family proteins. <i>Open Biology</i> , 2015 , 5, 140156	7	36
37	p38alpha- and DYRK1A-dependent phosphorylation of caspase-9 at an inhibitory site in response to hyperosmotic stress. <i>Cellular Signalling</i> , 2009 , 21, 1626-33	4.9	36
36	Cleavage of claspin by caspase-7 during apoptosis inhibits the Chk1 pathway. <i>Journal of Biological Chemistry</i> , 2005 , 280, 35337-45	5.4	32

35	Ran alters nuclear pore complex conformation. <i>Journal of Molecular Biology</i> , 2000 , 300, 519-29	6.5	32
34	The importin-IP446L dominant-negative mutant protein loses RanGTP binding ability and blocks the formation of intact nuclear envelope. <i>Journal of Cell Science</i> , 2002 , 115, 1675-1687	5.3	31
33	Phosphorylation of Crm1 by CDK1-cyclin-B promotes Ran-dependent mitotic spindle assembly. <i>Journal of Cell Science</i> , 2013 , 126, 3417-28	5.3	30
32	The docking interaction of caspase-9 with ERK2 provides a mechanism for the selective inhibitory phosphorylation of caspase-9 at threonine 125. <i>Journal of Biological Chemistry</i> , 2008 , 283, 3854-65	5.4	30
31	The importin-beta P446L dominant-negative mutant protein loses RanGTP binding ability and blocks the formation of intact nuclear envelope. <i>Journal of Cell Science</i> , 2002 , 115, 1675-87	5.3	30
30	Cell biology: Ran, mitosis and the cancer connection. <i>Current Biology</i> , 2006 , 16, R466-8	6.3	28
29	Prolonged mitotic arrest induces a caspase-dependent DNA damage response at telomeres that determines cell survival. <i>Scientific Reports</i> , 2016 , 6, 26766	4.9	28
28	Regulation of Claspin degradation by the ubiquitin-proteasome pathway during the cell cycle and in response to ATR-dependent checkpoint activation. <i>FEBS Letters</i> , 2006 , 580, 4176-81	3.8	27
27	RCC1 isoforms differ in their affinity for chromatin, molecular interactions and regulation by phosphorylation. <i>Journal of Cell Science</i> , 2007 , 120, 3436-45	5.3	26
26	Microtubule assembly by the Apc protein is regulated by importin-beta--RanGTP. <i>Journal of Cell Science</i> , 2010 , 123, 736-46	5.3	25
25	hnRNP-U is a specific DNA-dependent protein kinase substrate phosphorylated in response to DNA double-strand breaks. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 381, 59-64	3.4	23
24	Cyclin-dependent kinases. CAK-handed kinase activation. <i>Current Biology</i> , 1995 , 5, 40-2	6.3	23
23	The methylated N-terminal tail of RCC1 is required for stabilisation of its interaction with chromatin by Ran in live cells. <i>BMC Cell Biology</i> , 2010 , 11, 43		22
22	Dynamic localisation of Ran GTPase during the cell cycle. <i>BMC Cell Biology</i> , 2009 , 10, 66		21
21	Atypical APC/C-dependent degradation of Mcl-1 provides an apoptotic timer during mitotic arrest. <i>EMBO Journal</i> , 2018 , 37,	13	18
20	Dephosphorylation of the inhibitory phosphorylation site S287 in Xenopus Cdc25C by protein phosphatase-2A is inhibited by 14-3-3 binding. <i>FEBS Letters</i> , 2002 , 528, 267-71	3.8	18
19	USP9X Limits Mitotic Checkpoint Complex Turnover to Strengthen the Spindle Assembly Checkpoint and Guard against Chromosomal Instability. <i>Cell Reports</i> , 2018 , 23, 852-865	10.6	17
18	Cell biology. A gradient signal orchestrates the mitotic spindle. <i>Science</i> , 2005 , 309, 1334-5	33.3	16

17	Chromatin-bound NLS proteins recruit membrane vesicles and nucleoporins for nuclear envelope assembly via importin- β . <i>Cell Research</i> , 2012 , 22, 1562-75	24.7	15
16	XMog1, a nuclear Ran-binding protein in <i>Xenopus</i> , is a functional homologue of <i>Schizosaccharomyces pombe</i> Mog1p that co-operates with RanBP1 to control generation of Ran-GTP. <i>Journal of Cell Science</i> , 2001 , 114, 3013-3023	5.3	14
15	Calmodulin-dependent multiprotein kinase and protein kinase C phosphorylate the same site on HMG-CoA reductase as the AMP-activated protein kinase. <i>FEBS Letters</i> , 1990 , 269, 213-7	3.8	13
14	Nuclear pores: sowing the seeds of assembly on the chromatin landscape. <i>Current Biology</i> , 2003 , 13, R970-3	3.2	11
13	Spatial and temporal control of nuclear envelope assembly by Ran GTPase. <i>Symposia of the Society for Experimental Biology</i> , 2004 , 193-204		11
12	Phosphorylation of XIAP by CDK1-cyclin-B1 controls mitotic cell death. <i>Journal of Cell Science</i> , 2017 , 130, 502-511	5.3	10
11	Claspin is phosphorylated in the Chk1-binding domain by a kinase distinct from Chk1. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 369, 973-6	3.4	9
10	Adenosine monophosphate-activated protein kinase: hydroxymethylglutaryl-CoA reductase kinase. <i>Methods in Enzymology</i> , 1991 , 200, 362-71	1.7	7
9	Signaling to nuclear transport. <i>Developmental Cell</i> , 2008 , 14, 316-8	10.2	5
8	Phosphorylation of importin- β by CDK1-cyclin B1 controls mitotic spindle assembly. <i>Journal of Cell Science</i> , 2019 , 132,	5.3	5
7	Timed degradation of Mcl-1 controls mitotic cell death. <i>Molecular and Cellular Oncology</i> , 2018 , 5, e1516450	5.0	4
6	A mitotic role for BRCA1/BARD1 in tumor suppression?. <i>Cell</i> , 2006 , 127, 453-5	56.2	3
5	A mechanism coupling cell division and the control of apoptosis. <i>SEB Experimental Biology Series</i> , 2008 , 59, 257-65		3
4	Mitosis: ran scales the alps of spindle formation. <i>Current Biology</i> , 2007 , 17, R643-5	6.3	2
3	Keep it focused: PRMT6 drives the localization of RCC1 to chromosomes to facilitate mitosis, cell proliferation, and tumorigenesis. <i>Molecular Cell</i> , 2021 , 81, 1128-1129	17.6	1
2	The cdc25 Phosphatase: Biochemistry and Regulation in the Eukaryotic Cell Cycle. <i>Advances in Molecular and Cell Biology</i> , 1995 , 13, 151-164		
1	Role of Ran GTPase in Nuclear Envelope Assembly 2002 , 61-71		