

# Paul R Clarke

## List of Publications by Year in Descending Order

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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	Keep it focused: PRMT6 drives the localization of RCC1 to chromosomes to facilitate mitosis, cell proliferation, and tumorigenesis. <i>Molecular Cell</i> , <b>2021</b> , 81, 1128-1129	17.6	1
69	Phosphorylation of importin- $\beta$ by CDK1-cyclin B1 controls mitotic spindle assembly. <i>Journal of Cell Science</i> , <b>2019</b> , 132,	5.3	5
68	USP9X Limits Mitotic Checkpoint Complex Turnover to Strengthen the Spindle Assembly Checkpoint and Guard against Chromosomal Instability. <i>Cell Reports</i> , <b>2018</b> , 23, 852-865	10.6	17
67	Atypical APC/C-dependent degradation of Mcl-1 provides an apoptotic timer during mitotic arrest. <i>EMBO Journal</i> , <b>2018</b> , 37,	13	18
66	Timed degradation of Mcl-1 controls mitotic cell death. <i>Molecular and Cellular Oncology</i> , <b>2018</b> , 5, e1516450		4
65	Phosphorylation of XIAP by CDK1-cyclin-B1 controls mitotic cell death. <i>Journal of Cell Science</i> , <b>2017</b> , 130, 502-511	5.3	10
64	Prolonged mitotic arrest induces a caspase-dependent DNA damage response at telomeres that determines cell survival. <i>Scientific Reports</i> , <b>2016</b> , 6, 26766	4.9	28
63	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> , <b>2015</b> , 5, 140156	7	36
62	Phosphorylation of Crm1 by CDK1-cyclin-B promotes Ran-dependent mitotic spindle assembly. <i>Journal of Cell Science</i> , <b>2013</b> , 126, 3417-28	5.3	30
61	Chromatin-bound NLS proteins recruit membrane vesicles and nucleoporins for nuclear envelope assembly via importin- $\beta$ <i>Cell Research</i> , <b>2012</b> , 22, 1562-75	24.7	15
60	Phosphorylation of Mcl-1 by CDK1-cyclin B1 initiates its Cdc20-dependent destruction during mitotic arrest. <i>EMBO Journal</i> , <b>2010</b> , 29, 2407-20	13	244
59	Microtubule assembly by the Apc protein is regulated by importin-beta--RanGTP. <i>Journal of Cell Science</i> , <b>2010</b> , 123, 736-46	5.3	25
58	Clathrin recruits phosphorylated TACC3 to spindle poles for bipolar spindle assembly and chromosome alignment. <i>Journal of Cell Science</i> , <b>2010</b> , 123, 3645-51	5.3	60
57	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> , <b>2010</b> , 11, 43		22
56	Cell-cycle control in the face of damage--a matter of life or death. <i>Trends in Cell Biology</i> , <b>2009</b> , 19, 89-98	18.3	115
55	p38alpha- and DYRK1A-dependent phosphorylation of caspase-9 at an inhibitory site in response to hyperosmotic stress. <i>Cellular Signalling</i> , <b>2009</b> , 21, 1626-33	4.9	36
54	Dynamic localisation of Ran GTPase during the cell cycle. <i>BMC Cell Biology</i> , <b>2009</b> , 10, 66		21

53	Apoptosis and autophagy: Regulation of caspase-9 by phosphorylation. <i>FEBS Journal</i> , <b>2009</b> , 276, 6063-73	7	143
52	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> , <b>2009</b> , 381, 59-64	3-4	23
51	Cyclin B1 is localized to unattached kinetochores and contributes to efficient microtubule attachment and proper chromosome alignment during mitosis. <i>Cell Research</i> , <b>2008</b> , 18, 268-80	24-7	60
50	Spatial and temporal coordination of mitosis by Ran GTPase. <i>Nature Reviews Molecular Cell Biology</i> , <b>2008</b> , 9, 464-77	48-7	332
49	Claspin is phosphorylated in the Chk1-binding domain by a kinase distinct from Chk1. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 369, 973-6	3-4	9
48	Signaling to nuclear transport. <i>Developmental Cell</i> , <b>2008</b> , 14, 316-8	10-2	5
47	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> , <b>2008</b> , 283, 3854-65	5-4	30
46	DYRK1A phosphorylates caspase 9 at an inhibitory site and is potently inhibited in human cells by harmine. <i>FEBS Journal</i> , <b>2008</b> , 275, 6268-80	5-7	91
45	A mechanism coupling cell division and the control of apoptosis. <i>SEB Experimental Biology Series</i> , <b>2008</b> , 59, 257-65		3
44	Mitosis: ran scales the alps of spindle formation. <i>Current Biology</i> , <b>2007</b> , 17, R643-5	6-3	2
43	RCC1 isoforms differ in their affinity for chromatin, molecular interactions and regulation by phosphorylation. <i>Journal of Cell Science</i> , <b>2007</b> , 120, 3436-45	5-3	26
42	Phosphorylation of caspase-9 by CDK1/cyclin B1 protects mitotic cells against apoptosis. <i>Molecular Cell</i> , <b>2007</b> , 26, 301-10	17-6	188
41	Cell biology: Ran, mitosis and the cancer connection. <i>Current Biology</i> , <b>2006</b> , 16, R466-8	6-3	28
40	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> , <b>2006</b> , 580, 4176-81	3-8	27
39	A mitotic role for BRCA1/BARD1 in tumor suppression?. <i>Cell</i> , <b>2006</b> , 127, 453-5	56-2	3
38	DNA-dependent phosphorylation of Chk1 and Claspin in a human cell-free system. <i>Biochemical Journal</i> , <b>2005</b> , 388, 705-12	3-8	83
37	Cleavage of claspin by caspase-7 during apoptosis inhibits the Chk1 pathway. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 35337-45	5-4	32
36	Protein kinase A regulates caspase-9 activation by Apaf-1 downstream of cytochrome c. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 15449-55	5-4	74

35	Regulation of caspase 9 through phosphorylation by protein kinase C zeta in response to hyperosmotic stress. <i>Molecular and Cellular Biology</i> , <b>2005</b> , 25, 10543-55	4.8	61
34	Cell biology. A gradient signal orchestrates the mitotic spindle. <i>Science</i> , <b>2005</b> , 309, 1334-5	33.3	16
33	Many Fingers on the Mitotic Trigger: Post-Translational Regulation of the Cdc25C Phosphatase. <i>Cell Cycle</i> , <b>2004</b> , 3, 40-44	4.7	56
32	Phosphorylation regulates the dynamic interaction of RCC1 with chromosomes during mitosis. <i>Current Biology</i> , <b>2004</b> , 14, 1099-104	6.3	67
31	Spatial and temporal control of nuclear envelope assembly by Ran GTPase. <i>Symposia of the Society for Experimental Biology</i> , <b>2004</b> , 193-204		11
30	Nuclear pores: sowing the seeds of assembly on the chromatin landscape. <i>Current Biology</i> , <b>2003</b> , 13, R970-2		11
29	Inhibition of caspase-9 through phosphorylation at Thr 125 by ERK MAPK. <i>Nature Cell Biology</i> , <b>2003</b> , 5, 647-54	23.4	391
28	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> , <b>2003</b> , 14, 4003-14	3.5	39
27	Concentration of Ran on chromatin induces decondensation, nuclear envelope formation and nuclear pore complex assembly. <i>European Journal of Cell Biology</i> , <b>2002</b> , 81, 623-33	6.1	42
26	Role of importin-beta in the control of nuclear envelope assembly by Ran. <i>Current Biology</i> , <b>2002</b> , 12, 4986-92	5.2	79
25	Targeting of RCC1 to chromosomes is required for proper mitotic spindle assembly in human cells. <i>Current Biology</i> , <b>2002</b> , 12, 1442-7	6.3	95
24	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> , <b>2002</b> , 528, 267-71	3.8	18
23	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> , <b>2002</b> , 115, 1675-1687	5.3	31
22	Role of Ran GTPase in Nuclear Envelope Assembly <b>2002</b> , 61-71		
21	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> , <b>2002</b> , 115, 1675-87	5.3	30
20	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> , <b>2001</b> , 11, 208-12	6.3	71
19	Ran GTPase: a master regulator of nuclear structure and function during the eukaryotic cell division cycle?. <i>Trends in Cell Biology</i> , <b>2001</b> , 11, 366-71	18.3	107
18	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> , <b>2001</b> , 276, 17914-9	5.4	98

17	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> , <b>2001</b> , 114, 3013-3023	5.3	14
16	Ran alters nuclear pore complex conformation. <i>Journal of Molecular Biology</i> , <b>2000</b> , 300, 519-29	6.5	32
15	Substrate specificity determinants of the checkpoint protein kinase Chk1. <i>FEBS Letters</i> , <b>2000</b> , 466, 91-5	3.8	46
14	Chromatin-independent nuclear envelope assembly induced by Ran GTPase in <i>Xenopus</i> egg extracts. <i>Science</i> , <b>2000</b> , 288, 1429-32	33.3	179
13	Bcl-2 regulates a caspase-3/caspase-2 apoptotic cascade in cytosolic extracts. <i>Oncogene</i> , <b>1999</b> , 18, 1781-7	7.2	92
12	Bcl-2 regulates amplification of caspase activation by cytochrome c. <i>Current Biology</i> , <b>1999</b> , 9, 147-50	6.3	112
11	Regulation of apoptosis by BH3 domains in a cell-free system. <i>Current Biology</i> , <b>1997</b> , 7, 913-20	6.3	157
10	Cleavage of rabaptin-5 blocks endosome fusion during apoptosis. <i>EMBO Journal</i> , <b>1997</b> , 16, 6182-91	13	61
9	Bcl-2 regulates activation of apoptotic proteases in a cell-free system. <i>Current Biology</i> , <b>1996</b> , 6, 997-1005	6.3	45
8	The cdc25 Phosphatase: Biochemistry and Regulation in the Eukaryotic Cell Cycle. <i>Advances in Molecular and Cell Biology</i> , <b>1995</b> , 13, 151-164		
7	Cyclin-dependent kinases. CAK-handed kinase activation. <i>Current Biology</i> , <b>1995</b> , 5, 40-2	6.3	23
6	Signal transduction. Switching off MAP kinases. <i>Current Biology</i> , <b>1994</b> , 4, 647-50	6.3	41
5	Okadaic acid-sensitive protein phosphatases dephosphorylate MARCKS, a major protein kinase C substrate. <i>FEBS Letters</i> , <b>1993</b> , 336, 37-42	3.8	40
4	Evidence for a protein kinase cascade in higher plants. 3-Hydroxy-3-methylglutaryl-CoA reductase kinase. <i>FEBS Journal</i> , <b>1992</b> , 209, 923-31		96
3	Adenosine monophosphate-activated protein kinase: hydroxymethylglutaryl-CoA reductase kinase. <i>Methods in Enzymology</i> , <b>1991</b> , 200, 362-71	1.7	7
2	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> , <b>1990</b> , 269, 213-7	3.8	13
1	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> , <b>1989</b> , 186, 129-36		333