

Douglas R Kellogg

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,992
citations

331259

21
h-index

414034

32
g-index

41
all docs

41
docs citations

41
times ranked

1759
citing authors

#	ARTICLE	IF	CITATIONS
1	Cdk1-Dependent Regulation of the Mitotic Inhibitor Wee1. <i>Cell</i> , 2005, 122, 407-420.	13.5	188
2	Wee1-dependent mechanisms required for coordination of cell growth and cell division. <i>Journal of Cell Science</i> , 2003, 116, 4883-4890.	1.2	153
3	Control of Mitotic Events by Nap1 and the Gin4 Kinase. <i>Journal of Cell Biology</i> , 1997, 138, 119-130.	2.3	148
4	The Septins Are Required for the Mitosis-specific Activation of the Gin4 Kinase. <i>Journal of Cell Biology</i> , 1998, 143, 709-717.	2.3	144
5	Conservation of Mechanisms Controlling Entry into Mitosis. <i>Current Biology</i> , 2003, 13, 264-275.	1.8	138
6	Cell Cycle-dependent Assembly of a Gin4-Septin Complex. <i>Molecular Biology of the Cell</i> , 2002, 13, 2091-2105.	0.9	135
7	Cdk1 coordinates cell-surface growth with the cell cycle. <i>Nature Cell Biology</i> , 2007, 9, 506-515.	4.6	132
8	Fatty Acid Availability Sets Cell Envelope Capacity and Dictates Microbial Cell Size. <i>Current Biology</i> , 2017, 27, 1757-1767.e5.	1.8	127
9	The Elm1 Kinase Functions in a Mitotic Signaling Network in Budding Yeast. <i>Molecular and Cellular Biology</i> , 1999, 19, 7983-7994.	1.1	102
10	PP2ARts1 is a master regulator of pathways that control cell size. <i>Journal of Cell Biology</i> , 2014, 204, 359-376.	2.3	68
11	A phosphatase threshold sets the level of Cdk1 activity in early mitosis in budding yeast. <i>Molecular Biology of the Cell</i> , 2011, 22, 3595-3608.	0.9	66
12	A link between mitotic entry and membrane growth suggests a novel model for cell size control. <i>Journal of Cell Biology</i> , 2012, 197, 89-104.	2.3	60
13	Regulation of Mih1/Cdc25 by protein phosphatase 2A and casein kinase 1. <i>Journal of Cell Biology</i> , 2008, 180, 931-945.	2.3	57
14	The duration of mitosis and daughter cell size are modulated by nutrients in budding yeast. <i>Journal of Cell Biology</i> , 2017, 216, 3463-3470.	2.3	57
15	Specific Inhibition of Elm1 Kinase Activity Reveals Functions Required for Early G1 Events. <i>Molecular and Cellular Biology</i> , 2003, 23, 6327-6337.	1.1	45
16	Cell Size and Growth Rate Are Modulated by TORC2-Dependent Signals. <i>Current Biology</i> , 2018, 28, 196-210.e4.	1.8	44
17	The Sda1 Protein Is Required for Passage through Start. <i>Molecular Biology of the Cell</i> , 2001, 12, 201-219.	0.9	42
18	Wee1 and Cdc25 are controlled by conserved PP2A-dependent mechanisms in fission yeast. <i>Cell Cycle</i> , 2017, 16, 428-435.	1.3	41

#	ARTICLE	IF	CITATIONS
19	The Zds proteins control entry into mitosis and target protein phosphatase 2A to the Cdc25 phosphatase. <i>Molecular Biology of the Cell</i> , 2011, 22, 20-32.	0.9	34
20	The Rts1 Regulatory Subunit of Protein Phosphatase 2A Is Required for Control of G1 Cyclin Transcription and Nutrient Modulation of Cell Size. <i>PLoS Genetics</i> , 2009, 5, e1000727.	1.5	31
21	A conserved signaling network monitors delivery of sphingolipids to the plasma membrane in budding yeast. <i>Molecular Biology of the Cell</i> , 2017, 28, 2589-2599.	0.9	28
22	Cdk1-dependent control of membrane-trafficking dynamics. <i>Molecular Biology of the Cell</i> , 2012, 23, 3336-3347.	0.9	24
23	Growth-dependent signals drive an increase in early G1 cyclin concentration to link cell cycle entry with cell growth. <i>ELife</i> , 2021, 10, .	2.8	21
24	Nucleocytoplasmic transport in the midzone membrane domain controls yeast mitotic spindle disassembly. <i>Journal of Cell Biology</i> , 2015, 209, 387-402.	2.3	18
25	Modulation of TORC2 Signaling by a Conserved Lkb1 Signaling Axis in Budding Yeast. <i>Genetics</i> , 2018, 210, 155-170.	1.2	17
26	Protein Kinase C Controls Binding of Igo/ENSA Proteins to Protein Phosphatase 2A in Budding Yeast. <i>Journal of Biological Chemistry</i> , 2017, 292, 4925-4941.	1.6	13
27	Nutrient availability as an arbiter of cell size. <i>Trends in Cell Biology</i> , 2022, 32, 908-919.	3.6	13
28	The Rts1 Regulatory Subunit of PP2A Phosphatase Controls Expression of the HO Endonuclease via Localization of the Ace2 Transcription Factor. <i>Journal of Biological Chemistry</i> , 2014, 289, 35431-35437.	1.6	11
29	Growth-Dependent Activation of Protein Kinases Suggests a Mechanism for Measuring Cell Growth. <i>Genetics</i> , 2020, 215, 729-746.	1.2	10
30	A Conserved PP2A Regulatory Subunit Enforces Proportional Relationships Between Cell Size and Growth Rate. <i>Genetics</i> , 2019, 213, 517-528.	1.2	8
31	Compact Modeling of Allosteric Multisite Proteins: Application to a Cell Size Checkpoint. <i>PLoS Computational Biology</i> , 2014, 10, e1003443.	1.5	7
32	Conserved Ark1-related kinases function in a TORC2 signaling network. <i>Molecular Biology of the Cell</i> , 2020, 31, 2057-2069.	0.9	4