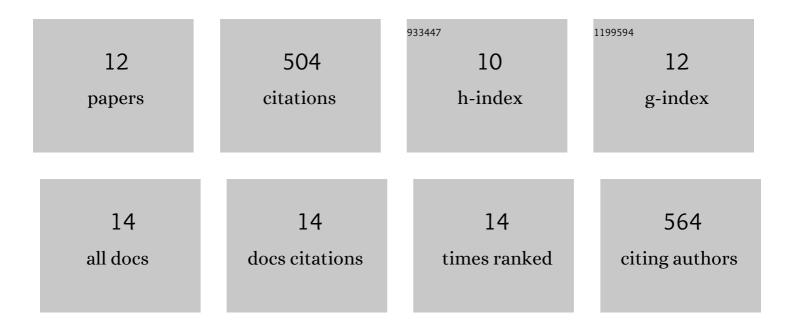
Daniel W Buster

List of Publications by Year in descending order

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DANIEL W RUSTED

#	Article	IF	CITATIONS
1	Polo-like Kinase 4 Autodestructs by Generating Its Slimb-Binding Phosphodegron. Current Biology, 2013, 23, 2255-2261.	3.9	76
2	The Structure of the Plk4 Cryptic Polo Box Reveals Two Tandem Polo Boxes Required for Centriole Duplication. Structure, 2012, 20, 1905-1917.	3.3	69
3	SCFSlimb ubiquitin ligase suppresses condensin II–mediated nuclear reorganization by degrading Cap-H2. Journal of Cell Biology, 2013, 201, 49-63.	5.2	68
4	Autoinhibition and relief mechanism for Polo-like kinase 4. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E657-66.	7.1	66
5	A centrosome interactome provides insight into organelle assembly and reveals a non-duplication role for Plk4. Nature Communications, 2016, 7, 12476.	12.8	53
6	An ordered pattern of Ana2 phosphorylation by Plk4 is required for centriole assembly. Journal of Cell Biology, 2018, 217, 1217-1231.	5.2	47
7	Two Polo-like kinase 4 binding domains in Asterless perform distinct roles in regulating kinase stability. Journal of Cell Biology, 2015, 208, 401-414.	5.2	30
8	Drosophila Casein Kinase I Alpha Regulates Homolog Pairing and Genome Organization by Modulating Condensin II Subunit Cap-H2 Levels. PLoS Genetics, 2015, 11, e1005014.	3.5	26
9	Plk4 Regulates Centriole Asymmetry and Spindle Orientation in Neural Stem Cells. Developmental Cell, 2019, 50, 11-24.e10.	7.0	26
10	Asterless is a Polo-like kinase 4 substrate that both activates and inhibits kinase activity depending on its phosphorylation state. Molecular Biology of the Cell, 2018, 29, 2874-2886.	2.1	21
11	The Use of Cultured Drosophila Cells for Studying the Microtubule Cytoskeleton. Methods in Molecular Biology, 2014, 1136, 81-101.	0.9	11
12	A molecular mechanism for the procentriole recruitment of Ana2. Journal of Cell Biology, 2020, 219, .	5.2	10