

Daniel W Buster

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

504
citations

933447

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1199594

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564
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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Polo-like Kinase 4 Autodeconstructs by Generating Its Slimb-Binding Phosphodegron. <i>Current Biology</i> , 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. <i>Structure</i> , 2012, 20, 1905-1917. | 3.3 | 69 |
| 3 | SCFSlimb ubiquitin ligase suppresses condensin II-mediated nuclear reorganization by degrading Cap-H2. <i>Journal of Cell Biology</i> , 2013, 201, 49-63. | 5.2 | 68 |
| 4 | Autoinhibition and relief mechanism for Polo-like kinase 4. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E657-66. | 7.1 | 66 |
| 5 | A centrosome interactome provides insight into organelle assembly and reveals a non-duplication role for Plk4. <i>Nature Communications</i> , 2016, 7, 12476. | 12.8 | 53 |
| 6 | An ordered pattern of Ana2 phosphorylation by Plk4 is required for centriole assembly. <i>Journal of Cell Biology</i> , 2018, 217, 1217-1231. | 5.2 | 47 |
| 7 | Two Polo-like kinase 4 binding domains in Asterless perform distinct roles in regulating kinase stability. <i>Journal of Cell Biology</i> , 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. <i>PLoS Genetics</i> , 2015, 11, e1005014. | 3.5 | 26 |
| 9 | Plk4 Regulates Centriole Asymmetry and Spindle Orientation in Neural Stem Cells. <i>Developmental Cell</i> , 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. <i>Molecular Biology of the Cell</i> , 2018, 29, 2874-2886. | 2.1 | 21 |
| 11 | The Use of Cultured Drosophila Cells for Studying the Microtubule Cytoskeleton. <i>Methods in Molecular Biology</i> , 2014, 1136, 81-101. | 0.9 | 11 |
| 12 | A molecular mechanism for the procentriole recruitment of Ana2. <i>Journal of Cell Biology</i> , 2020, 219, . | 5.2 | 10 |