

Damien D'Amours

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

541
citations

758635

12
h-index

887659

17
g-index

17
all docs

17
docs citations

17
times ranked

840
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Polo Kinase Regulates Mitotic Chromosome Condensation by Hyperactivation of Condensin DNA Supercoiling Activity. <i>Molecular Cell</i> , 2009, 34, 416-426. | 4.5 | 136 |
| 2 | Phosphoproteome dynamics of <i>Saccharomyces cerevisiae</i> under heat shock and cold stress. <i>Molecular Systems Biology</i> , 2015, 11, 813. | 3.2 | 54 |
| 3 | Cdc48/VCP Promotes Chromosome Morphogenesis by Releasing Condensin from Self-Entrapment in Chromatin. <i>Molecular Cell</i> , 2018, 69, 664-676.e5. | 4.5 | 53 |
| 4 | The Smc5/6 Core Complex Is a Structure-Specific DNA Binding and Compacting Machine. <i>Molecular Cell</i> , 2020, 80, 1025-1038.e5. | 4.5 | 46 |
| 5 | Dynamic and selective DNA-binding activity of Smc5, a core component of the Smc5-Smc6 complex. <i>Cell Cycle</i> , 2011, 10, 690-700. | 1.3 | 45 |
| 6 | A high-sensitivity phospho-switch triggered by Cdk1 governs chromosome morphogenesis during cell division. <i>Genes and Development</i> , 2015, 29, 426-439. | 2.7 | 44 |
| 7 | Oligomerization and ATP stimulate condensin-mediated DNA compaction. <i>Scientific Reports</i> , 2017, 7, 14279. | 1.6 | 37 |
| 8 | When genome integrity and cell cycle decisions collide: roles of polo kinases in cellular adaptation to DNA damage. <i>Systems and Synthetic Biology</i> , 2014, 8, 195-203. | 1.0 | 22 |
| 9 | Condensin ATPase motifs contribute differentially to the maintenance of chromosome morphology and genome stability. <i>PLoS Biology</i> , 2018, 16, e2003980. | 2.6 | 19 |
| 10 | Cell cycle-dependent association of polo kinase Cdc5 with CENP-A contributes to faithful chromosome segregation in budding yeast. <i>Molecular Biology of the Cell</i> , 2019, 30, 1020-1036. | 0.9 | 18 |
| 11 | The Smc5-Smc6 heterodimer associates with DNA through several independent binding domains. <i>Scientific Reports</i> , 2015, 5, 9797. | 1.6 | 16 |
| 12 | Cdk1-dependent regulation of the Mre11 complex couples DNA repair pathways to cell cycle progression. <i>Cell Cycle</i> , 2014, 13, 1078-1090. | 1.3 | 15 |
| 13 | Dynamic sumoylation of promoter-bound general transcription factors facilitates transcription by RNA polymerase II. <i>PLoS Genetics</i> , 2021, 17, e1009828. | 1.5 | 12 |
| 14 | Distinct surfaces on Cdc5/PLK Polo-box domain orchestrate combinatorial substrate recognition during cell division. <i>Scientific Reports</i> , 2020, 10, 3379. | 1.6 | 9 |
| 15 | Interphase Microtubules Safeguard Mitotic Progression by Suppressing an Aurora B-Dependent Arrest Induced by DNA Replication Stress. <i>Cell Reports</i> , 2019, 26, 2875-2889.e3. | 2.9 | 8 |
| 16 | Checkpoint adaptation: Keeping Cdc5 in the T-loop. <i>Cell Cycle</i> , 2016, 15, 3339-3340. | 1.3 | 4 |
| 17 | Combined Enrichment/Enzymatic Approach To Study Tightly Clustered Multisite Phosphorylation on Ser-Rich Domains. <i>Journal of Proteome Research</i> , 2018, 17, 3050-3060. | 1.8 | 3 |