

Jorge Z Torres

List of Publications by Citations

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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.

49
papers

1,011
citations

18
h-index

31
g-index

57
ext. papers

1,217
ext. citations

5.7
avg, IF

4.18
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 49 | The <i>S. cerevisiae</i> Rrm3p DNA helicase moves with the replication fork and affects replication of all yeast chromosomes. <i>Genes and Development</i> , 2006 , 20, 3104-16 | 12.6 | 122 |
| 48 | An essential requirement for the SCAP/SREBP signaling axis to protect cancer cells from lipotoxicity. <i>Cancer Research</i> , 2013 , 73, 2850-62 | 10.1 | 116 |
| 47 | <i>Saccharomyces cerevisiae</i> Rrm3p DNA helicase promotes genome integrity by preventing replication fork stalling: viability of <i>rrm3</i> cells requires the intra-S-phase checkpoint and fork restart activities. <i>Molecular and Cellular Biology</i> , 2004 , 24, 3198-212 | 4.8 | 113 |
| 46 | High-throughput generation of tagged stable cell lines for proteomic analysis. <i>Proteomics</i> , 2009 , 9, 2888-98 | 4.8 | 79 |
| 45 | The STARD9/Kif16a kinesin associates with mitotic microtubules and regulates spindle pole assembly. <i>Cell</i> , 2011 , 147, 1309-23 | 56.2 | 58 |
| 44 | Local chromatin structure at the ribosomal DNA causes replication fork pausing and genome instability in the absence of the <i>S. cerevisiae</i> DNA helicase Rrm3p. <i>Genes and Development</i> , 2004 , 18, 498-503 | 12.6 | 57 |
| 43 | Large-scale chemical similarity networks for target profiling of compounds identified in cell-based chemical screens. <i>PLoS Computational Biology</i> , 2015 , 11, e1004153 | 5 | 52 |
| 42 | The END network couples spindle pole assembly to inhibition of the anaphase-promoting complex/cyclosome in early mitosis. <i>Developmental Cell</i> , 2007 , 13, 29-42 | 10.2 | 33 |
| 41 | 3D Chemical Similarity Networks for Structure-Based Target Prediction and Scaffold Hopping. <i>ACS Chemical Biology</i> , 2016 , 11, 2244-53 | 4.9 | 32 |
| 40 | Proteomic Analysis of the Mammalian Katanin Family of Microtubule-severing Enzymes Defines Katanin p80 subunit B-like 1 (KATNBL1) as a Regulator of Mammalian Katanin Microtubule-severing. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 1658-69 | 7.6 | 32 |
| 39 | A specific form of phospho protein phosphatase 2 regulates anaphase-promoting complex/cyclosome association with spindle poles. <i>Molecular Biology of the Cell</i> , 2010 , 21, 897-904 | 3.5 | 28 |
| 38 | Fatostatin Inhibits Cancer Cell Proliferation by Affecting Mitotic Microtubule Spindle Assembly and Cell Division. <i>Journal of Biological Chemistry</i> , 2016 , 291, 17001-8 | 5.4 | 25 |
| 37 | Tctex1d2 associates with short-rib polydactyly syndrome proteins and is required for ciliogenesis. <i>Cell Cycle</i> , 2015 , 14, 1116-25 | 4.7 | 24 |
| 36 | Kaempferol increases levels of coenzyme Q in kidney cells and serves as a biosynthetic ring precursor. <i>Free Radical Biology and Medicine</i> , 2017 , 110, 176-187 | 7.8 | 23 |
| 35 | p16 Protein and gigaxonin are associated with the ubiquitination of NFB in cisplatin-induced senescence of cancer cells. <i>Journal of Biological Chemistry</i> , 2014 , 289, 34921-37 | 5.4 | 21 |
| 34 | Computational Cell Cycle Profiling of Cancer Cells for Prioritizing FDA-Approved Drugs with Repurposing Potential. <i>Scientific Reports</i> , 2017 , 7, 11261 | 4.9 | 20 |
| 33 | The X-Linked-Intellectual-Disability-Associated Ubiquitin Ligase Mid2 Interacts with Astrin and Regulates Astrin Levels to Promote Cell Division. <i>Cell Reports</i> , 2016 , 14, 180-8 | 10.6 | 18 |

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| 32 | Phase Separation in Cell Division. <i>Molecular Cell</i> , 2020 , 80, 9-20 | 17.6 | 18 |
| 31 | Cystatin E/M Suppresses Tumor Cell Growth through Cytoplasmic Retention of NF- κ B. <i>Molecular and Cellular Biology</i> , 2016 , 36, 1776-92 | 4.8 | 15 |
| 30 | A molecular cascade modulates MAP1B and confers resistance to mTOR inhibition in human glioblastoma. <i>Neuro-Oncology</i> , 2018 , 20, 764-775 | 1 | 14 |
| 29 | A unique insertion in STARD9 Δ motor domain regulates its stability. <i>Molecular Biology of the Cell</i> , 2015 , 26, 440-52 | 3.5 | 14 |
| 28 | Structures of potent anticancer compounds bound to tubulin. <i>Protein Science</i> , 2015 , 24, 1164-72 | 6.3 | 13 |
| 27 | Dynamic and multi-pharmacophore modeling for designing polo-box domain inhibitors. <i>PLoS ONE</i> , 2014 , 9, e101405 | 3.7 | 9 |
| 26 | A LCMT1-PME-1 methylation equilibrium controls mitotic spindle size. <i>Cell Cycle</i> , 2015 , 14, 1938-47 | 4.7 | 7 |
| 25 | Dissecting the mechanisms of cell division. <i>Journal of Biological Chemistry</i> , 2019 , 294, 11382-11390 | 5.4 | 6 |
| 24 | STARD9/Kif16a is a novel mitotic kinesin and antimitotic target. <i>Bioarchitecture</i> , 2012 , 2, 19-22 | | 6 |
| 23 | Microtubins: a novel class of small synthetic microtubule targeting drugs that inhibit cancer cell proliferation. <i>Oncotarget</i> , 2017 , 8, 104007-104021 | 3.3 | 6 |
| 22 | Inducible LAP-tagged Stable Cell Lines for Investigating Protein Function, Spatiotemporal Localization and Protein Interaction Networks. <i>Journal of Visualized Experiments</i> , 2016 , | 1.6 | 5 |
| 21 | The Mammalian Family of Katanin Microtubule-Severing Enzymes. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 692040 | 5.7 | 5 |
| 20 | Mapping Proximity Associations of Core Spindle Assembly Checkpoint Proteins. <i>Journal of Proteome Research</i> , 2021 , 20, 3414-3427 | 5.6 | 4 |
| 19 | Phospho-regulation of mitotic spindle assembly. <i>Cytoskeleton</i> , 2020 , 77, 558-578 | 2.4 | 3 |
| 18 | E3 Ubiquitin Ligases in Cancer and Their Pharmacological Targeting 2019 , | | 3 |
| 17 | Chemical Similarity Networks for Drug Discovery 2016 , | | 3 |
| 16 | Menin Associates With the Mitotic Spindle and Is Important for Cell Division. <i>Endocrinology</i> , 2019 , 160, 1926-1936 | 4.8 | 2 |
| 15 | Leukemia Cell Cycle Chemical Profiling Identifies the G2-Phase Leukemia Specific Inhibitor Leusin-1. <i>ACS Chemical Biology</i> , 2019 , 14, 994-1001 | 4.9 | 2 |

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|----|--|-----|---|
| 14 | Theoretical approaches to identify the potent scaffold for human sirtuin1 activator: Bayesian modeling and density functional theory. <i>Medicinal Chemistry Research</i> , 2014 , 23, 3998-4010 | 2.2 | 2 |
| 13 | DUSP7 regulates the activity of ERK2 to promote proper chromosome alignment during cell division. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100676 | 5.4 | 2 |
| 12 | Regulation of Iron Homeostasis through Parkin-Mediated Lactoferrin Ubiquitylation. <i>Biochemistry</i> , 2020 , 59, 2916-2921 | 3.2 | 1 |
| 11 | Fostering inclusion and diversity through research, teaching, mentoring, and outreach. <i>Molecular Biology of the Cell</i> , 2019 , 30, 2870-2872 | 3.5 | 1 |
| 10 | The myosin regulatory light chain Myl5 localizes to mitotic spindle poles and is required for proper cell division. <i>Cytoskeleton</i> , 2021 , 78, 23-35 | 2.4 | 1 |
| 9 | In Silico Repurposing of Cell Cycle Modulators for Cancer Treatment 2019 , 255-279 | | |
| 8 | Ensuring fidelity of chromosome segregation. <i>Molecular Biology of the Cell</i> , 2018 , 29, 687 | 3.5 | |
| 7 | Proteomic Dissection of the Spindle Assembly Checkpoint. <i>FASEB Journal</i> , 2019 , 33, 473.3 | 0.9 | |
| 6 | Dissecting the Mechanisms of Cell Division. <i>FASEB Journal</i> , 2019 , 33, 215.1 | 0.9 | |
| 5 | Computational Approaches for the Analysis of Tandem Affinity and Proximity-Based Purifications in R. <i>FASEB Journal</i> , 2019 , 33, 473.8 | 0.9 | |
| 4 | Chemical Dissection of the Cell Cycle: Identification of Novel Compounds for Dissecting the Mechanisms of Cell Division and Developing Cancer Therapies. <i>FASEB Journal</i> , 2015 , 29, 884.40 | 0.9 | |
| 3 | The Mid1 and Mid2 Ubiquitin Ligases Associate with Astrin and Regulate Astrin Levels During Cytokinesis to Promote Proper Cell Abcission. <i>FASEB Journal</i> , 2015 , 29, 884.41 | 0.9 | |
| 2 | Identification and Characterization of Mitotic Defect-related Proteins (MDr1 and MDr2) Necessary for Bipolar Spindle Assembly. <i>FASEB Journal</i> , 2013 , 27, 1027.3 | 0.9 | |
| 1 | CANVS: an easy-to-use application for the analysis and visualization of mass spectrometry-based protein-protein interaction/association data. <i>Molecular Biology of the Cell</i> , 2021 , 32, br9 | 3.5 | |