

# Jorge Z Torres

## List of Publications by Year in Descending Order

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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	Mapping Proximity Associations of Core Spindle Assembly Checkpoint Proteins. <i>Journal of Proteome Research</i> , <b>2021</b> , 20, 3414-3427	5.6	4
48	The myosin regulatory light chain Myl5 localizes to mitotic spindle poles and is required for proper cell division. <i>Cytoskeleton</i> , <b>2021</b> , 78, 23-35	2.4	1
47	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> , <b>2021</b> , 32, br9	3.5	
46	The Mammalian Family of Katanin Microtubule-Severing Enzymes. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 692040	5.7	5
45	DUSP7 regulates the activity of ERK2 to promote proper chromosome alignment during cell division. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 296, 100676	5.4	2
44	Phospho-regulation of mitotic spindle assembly. <i>Cytoskeleton</i> , <b>2020</b> , 77, 558-578	2.4	3
43	Phase Separation in Cell Division. <i>Molecular Cell</i> , <b>2020</b> , 80, 9-20	17.6	18
42	Regulation of Iron Homeostasis through Parkin-Mediated Lactoferrin Ubiquitylation. <i>Biochemistry</i> , <b>2020</b> , 59, 2916-2921	3.2	1
41	Menin Associates With the Mitotic Spindle and Is Important for Cell Division. <i>Endocrinology</i> , <b>2019</b> , 160, 1926-1936	4.8	2
40	Dissecting the mechanisms of cell division. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 11382-11390	5.4	6
39	Leukemia Cell Cycle Chemical Profiling Identifies the G2-Phase Leukemia Specific Inhibitor Leusin-1. <i>ACS Chemical Biology</i> , <b>2019</b> , 14, 994-1001	4.9	2
38	In Silico Repurposing of Cell Cycle Modulators for Cancer Treatment <b>2019</b> , 255-279		
37	E3 Ubiquitin Ligases in Cancer and Their Pharmacological Targeting <b>2019</b> ,		3
36	Proteomic Dissection of the Spindle Assembly Checkpoint. <i>FASEB Journal</i> , <b>2019</b> , 33, 473.3	0.9	
35	Dissecting the Mechanisms of Cell Division. <i>FASEB Journal</i> , <b>2019</b> , 33, 215.1	0.9	
34	Computational Approaches for the Analysis of Tandem Affinity and Proximity-Based Purifications in R. <i>FASEB Journal</i> , <b>2019</b> , 33, 473.8	0.9	
33	Fostering inclusion and diversity through research, teaching, mentoring, and outreach. <i>Molecular Biology of the Cell</i> , <b>2019</b> , 30, 2870-2872	3.5	1

32	A molecular cascade modulates MAP1B and confers resistance to mTOR inhibition in human glioblastoma. <i>Neuro-Oncology</i> , <b>2018</b> , 20, 764-775	1	14
31	Ensuring fidelity of chromosome segregation. <i>Molecular Biology of the Cell</i> , <b>2018</b> , 29, 687	3.5	
30	Kaempferol increases levels of coenzyme Q in kidney cells and serves as a biosynthetic ring precursor. <i>Free Radical Biology and Medicine</i> , <b>2017</b> , 110, 176-187	7.8	23
29	Computational Cell Cycle Profiling of Cancer Cells for Prioritizing FDA-Approved Drugs with Repurposing Potential. <i>Scientific Reports</i> , <b>2017</b> , 7, 11261	4.9	20
28	Microtubins: a novel class of small synthetic microtubule targeting drugs that inhibit cancer cell proliferation. <i>Oncotarget</i> , <b>2017</b> , 8, 104007-104021	3.3	6
27	Inducible LAP-tagged Stable Cell Lines for Investigating Protein Function, Spatiotemporal Localization and Protein Interaction Networks. <i>Journal of Visualized Experiments</i> , <b>2016</b> ,	1.6	5
26	3D Chemical Similarity Networks for Structure-Based Target Prediction and Scaffold Hopping. <i>ACS Chemical Biology</i> , <b>2016</b> , 11, 2244-53	4.9	32
25	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> , <b>2016</b> , 15, 1658-69	7.6	32
24	The X-Linked-Intellectual-Disability-Associated Ubiquitin Ligase Mid2 Interacts with Astrin and Regulates Astrin Levels to Promote Cell Division. <i>Cell Reports</i> , <b>2016</b> , 14, 180-8	10.6	18
23	Chemical Similarity Networks for Drug Discovery <b>2016</b> ,		3
22	Fatostatin Inhibits Cancer Cell Proliferation by Affecting Mitotic Microtubule Spindle Assembly and Cell Division. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 17001-8	5.4	25
21	Cystatin E/M Suppresses Tumor Cell Growth through Cytoplasmic Retention of NF- $\kappa$ B. <i>Molecular and Cellular Biology</i> , <b>2016</b> , 36, 1776-92	4.8	15
20	Large-scale chemical similarity networks for target profiling of compounds identified in cell-based chemical screens. <i>PLoS Computational Biology</i> , <b>2015</b> , 11, e1004153	5	52
19	A LCMT1-PME-1 methylation equilibrium controls mitotic spindle size. <i>Cell Cycle</i> , <b>2015</b> , 14, 1938-47	4.7	7
18	A unique insertion in STARD9 $\beta$ motor domain regulates its stability. <i>Molecular Biology of the Cell</i> , <b>2015</b> , 26, 440-52	3.5	14
17	Tctex1d2 associates with short-rib polydactyly syndrome proteins and is required for ciliogenesis. <i>Cell Cycle</i> , <b>2015</b> , 14, 1116-25	4.7	24
16	Structures of potent anticancer compounds bound to tubulin. <i>Protein Science</i> , <b>2015</b> , 24, 1164-72	6.3	13
15	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> , <b>2015</b> , 29, 884.40	0.9	

14	The Mid1 and Mid2 Ubiquitin Ligases Associate with Astrin and Regulate Astrin Levels During Cytokinesis to Promote Proper Cell Abscission. <i>FASEB Journal</i> , <b>2015</b> , 29, 884.41	0.9	
13	Theoretical approaches to identify the potent scaffold for human sirtuin1 activator: Bayesian modeling and density functional theory. <i>Medicinal Chemistry Research</i> , <b>2014</b> , 23, 3998-4010	2.2	2
12	Dynamic and multi-pharmacophore modeling for designing polo-box domain inhibitors. <i>PLoS ONE</i> , <b>2014</b> , 9, e101405	3.7	9
11	p16 Protein and gigaxonin are associated with the ubiquitination of NFB in cisplatin-induced senescence of cancer cells. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 34921-37	5.4	21
10	An essential requirement for the SCAP/SREBP signaling axis to protect cancer cells from lipotoxicity. <i>Cancer Research</i> , <b>2013</b> , 73, 2850-62	10.1	116
9	Identification and Characterization of Mitotic Defect-related Proteins (MDr1 and MDr2) Necessary for Bipolar Spindle Assembly. <i>FASEB Journal</i> , <b>2013</b> , 27, 1027.3	0.9	
8	STARD9/Kif16a is a novel mitotic kinesin and antimitotic target. <i>Bioarchitecture</i> , <b>2012</b> , 2, 19-22		6
7	The STARD9/Kif16a kinesin associates with mitotic microtubules and regulates spindle pole assembly. <i>Cell</i> , <b>2011</b> , 147, 1309-23	56.2	58
6	A specific form of phospho protein phosphatase 2 regulates anaphase-promoting complex/cyclosome association with spindle poles. <i>Molecular Biology of the Cell</i> , <b>2010</b> , 21, 897-904	3.5	28
5	High-throughput generation of tagged stable cell lines for proteomic analysis. <i>Proteomics</i> , <b>2009</b> , 9, 2888-98	4.8	79
4	The END network couples spindle pole assembly to inhibition of the anaphase-promoting complex/cyclosome in early mitosis. <i>Developmental Cell</i> , <b>2007</b> , 13, 29-42	10.2	33
3	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> , <b>2006</b> , 20, 3104-16	12.6	122
2	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> , <b>2004</b> , 18, 498-503	12.6	57
1	<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> , <b>2004</b> , 24, 3198-212	4.8	113