

# Juan C Zabala

## List of Publications by Year in descending order

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45  
papers

1,341  
citations

331538

21  
h-index

360920

35  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1465  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review: Postchaperonin Tubulin Folding Cofactors and Their Role in Microtubule Dynamics. <i>Journal of Structural Biology</i> , 2001, 135, 219-229.	1.3	134
2	Tau Structures. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 262.	1.7	86
3	Role of cofactors B (TBCB) and E (TBCE) in tubulin heterodimer dissociation. <i>Experimental Cell Research</i> , 2007, 313, 425-436.	1.2	64
4	Tubulin folding cofactor D is a microtubule destabilizing protein. <i>FEBS Letters</i> , 2000, 470, 93-95.	1.3	61
5	Binding of Heat-Shock Protein 70 (hsp70) to Tubulin. <i>Archives of Biochemistry and Biophysics</i> , 1994, 310, 428-432.	1.4	60
6	Tubulin dimer formation via the release of $\beta$ - and $\beta$ -tubulin monomers from multimolecular complexes. <i>Cytoskeleton</i> , 1992, 23, 222-230.	4.4	59
7	Incompatibility among $\alpha$ -hemolytic plasmids studied after inactivation of the $\alpha$ -hemolysin gene by transposition of Tn802. <i>Plasmid</i> , 1979, 2, 507-519.	0.4	55
8	Purification and Biochemical Characterization of TrwC, the Helicase Involved in Plasmid R388 Conjugal DNA Transfer. <i>FEBS Journal</i> , 1994, 226, 403-412.	0.2	51
9	TBCCD1, a new centrosomal protein, is required for centrosome and Golgi apparatus positioning. <i>EMBO Reports</i> , 2010, 11, 194-200.	2.0	50
10	Tubulin cofactor B plays a role in the neuronal growth cone. <i>Journal of Neurochemistry</i> , 2007, 100, 070209222715087-???.	2.1	49
11	<i>Escherichia coli</i> alpha-haemolysin synthesis and export genes are flanked by a direct repetition of IS91-like elements. <i>Molecular Genetics and Genomics</i> , 1984, 197, 90-97.	2.4	46
12	Tubulin cofactor A gene silencing in mammalian cells induces changes in microtubule cytoskeleton, cell cycle arrest and cell death. <i>FEBS Letters</i> , 2005, 579, 3515-3524.	1.3	42
13	The Rho Family GTPase Cdc42 Regulates the Activation of Ras/MAP Kinase by the Exchange Factor Ras-GRF. <i>Journal of Biological Chemistry</i> , 2000, 275, 26441-26448.	1.6	40
14	Purification of $\alpha$ -hemolysin from an overproducing <i>E. coli</i> strain. <i>Molecular Genetics and Genomics</i> , 1985, 199, 106-110.	2.4	39
15	Several copies of the same insertion sequence are present in alpha-hemolytic plasmids belonging to four different incompatibility groups. <i>Journal of Bacteriology</i> , 1982, 151, 472-476.	1.0	32
16	The Expression of Tubulin Cofactor A (TBCA) Is Regulated by a Noncoding Antisense Tbca RNA during Testis Maturation. <i>PLoS ONE</i> , 2012, 7, e42536.	1.1	29
17	A 14 kDa release factor is involved in GTP-dependent $\beta$ -tubulin folding. <i>FEBS Letters</i> , 1994, 353, 162-166.	1.3	28
18	The $\beta$ -tubulin monomer release factor (p14) has homology with a region of the DnaJ protein. <i>FEBS Letters</i> , 1996, 397, 283-289.	1.3	28

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19	The structure of the TBCE/TBCB chaperones and $\hat{\alpha}$ -tubulin complex shows a tubulin dimer dissociation mechanism. <i>Journal of Cell Science</i> , 2015, 128, 1824-34.	1.2	27
20	TBCD Links Centriologensis, Spindle Microtubule Dynamics, and Midbody Abscission in Human Cells. <i>PLoS ONE</i> , 2010, 5, e8846.	1.1	27
21	Transposition of IS91 does not generate a target duplication. <i>Journal of Bacteriology</i> , 1987, 169, 442-443.	1.0	25
22	Structure and Non-Structure of Centrosomal Proteins. <i>PLoS ONE</i> , 2013, 8, e62633.	1.1	25
23	Three-dimensional Structure of Human Tubulin Chaperone Cofactor A. <i>Journal of Molecular Biology</i> , 2002, 318, 1139-1149.	2.0	23
24	The chaperonin CCT controls T cell receptor-driven 3D configuration of centrioles. <i>Science Advances</i> , 2020, 6, .	4.7	23
25	Characterization of the new insertion sequence IS91 from an alpha-hemolysin plasmid of <i>Escherichia coli</i> . <i>Molecular Genetics and Genomics</i> , 1984, 193, 493-499.	2.4	22
26	Autoinhibition of TBCB regulates EB1-mediated microtubule dynamics. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 357-371.	2.4	20
27	Tau Aggregation. <i>Neuroscience</i> , 2023, 518, 64-69.	1.1	20
28	Native tubulin-folding cofactor E purified from baculovirus-infected Sf9 cells dissociates tubulin dimers. <i>Protein Expression and Purification</i> , 2006, 49, 196-202.	0.6	18
29	Tubulin cofactor B regulates microtubule densities during microglia transition to the reactive states. <i>Experimental Cell Research</i> , 2009, 315, 535-541.	1.2	16
30	Expression of an altered form of tau in Sf9 insect cells results in the assembly of polymers resembling Alzheimer's paired helical filaments. <i>Brain Research</i> , 2004, 1007, 57-64.	1.1	15
31	hlyM, a transcriptional silencer downstream of the promoter in the hly operon of <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1995, 177, 242-246.	1.0	14
32	Colchicine Blocks Tubulin Heterodimer Recycling by Tubulin Cofactors TBCA, TBCB, and TBCE. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 656273.	1.8	14
33	Title is missing!. <i>Journal of Molecular Biology</i> , 1995, 246, 628-636.	2.0	14
34	The molecular relatedness among $\hat{\alpha}$ -hemolytic plasmids from various incompatibility groups. <i>Plasmid</i> , 1980, 4, 76-81.	0.4	12
35	The Solution Structure of the N-Terminal Domain of Human Tubulin Binding Cofactor C Reveals a Platform for Tubulin Interaction. <i>PLoS ONE</i> , 2011, 6, e25912.	1.1	12
36	Assisted protein folding at low temperature: evolutionary adaptation of the Antarctic fish chaperonin CCT and its client proteins. <i>Biology Open</i> , 2014, 3, 261-270.	0.6	12

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37	Î²-Tubulin folding is modulated by the isotype-specific carboxy-terminal domain. <i>Journal of Molecular Biology</i> , 1995, 246, 628-636.	2.0	11
38	Nondenaturing Electrophoresis as a Tool to Investigate Tubulin Complexes. <i>Methods in Cell Biology</i> , 2010, 95, 59-75.	0.5	9
39	Hemolysis determinant common to <i>Escherichia coli</i> strains of different O serotypes and origins. <i>Infection and Immunity</i> , 1983, 41, 881-887.	1.0	7
40	New Beginnings in Alzheimer's Disease: The Most Prevalent Tauopathy. <i>Journal of Alzheimer's Disease</i> , 2018, 64, S529-S534.	1.2	6
41	Emerging roles for tubulin folding cofactors at the centrosome. <i>Communicative and Integrative Biology</i> , 2010, 3, 306-308.	0.6	5
42	Characterization of Tubulin Isotype-Specific Antibodies by Electrophoretic Mobility Shift Assay. <i>BioTechniques</i> , 1998, 25, 940-942.	0.8	2
43	<sup>1</sup> H, <sup>13</sup> C, and <sup>15</sup> N resonance assignments of the N-terminal domain of human Tubulin Binding Cofactor C. <i>Biomolecular NMR Assignments</i> , 2010, 4, 219-221.	0.4	2
44	A Putative beta-Tubulin Phosphate-Binding Motif is Involved in Lateral Microtubule Protofilament Interactions. <i>FEBS Journal</i> , 1997, 248, 840-847.	0.2	1
45	Transcriptional Regulation of Î±-Hemolysin Genetic Expression: hly M, a sequence contained in hly C, modulates hemolysin transcription. <i>Developments in Plant Pathology</i> , 1994, , 379-397.	0.1	0