

# Juan C GarcÃ-a CortÃ©s

## List of Publications by Year in descending order

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28  
papers

1,589  
citations

471061

17  
h-index

525886

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1444  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis and application of a suite of recombinant endo- $\beta$ (1,3)-d-glucanases for studying fungal cell walls. <i>Microbial Cell Factories</i> , 2021, 20, 126.	1.9	11
2	Natural products targeting the synthesis of $\beta$ (1,3)-D-glucan and chitin of the fungal cell wall. Existing drugs and recent findings. <i>Phytomedicine</i> , 2021, 88, 153556.	2.3	26
3	Echinocandin Drugs Induce Differential Effects in Cytokinesis Progression and Cell Integrity. <i>Pharmaceuticals</i> , 2021, 14, 1332.	1.7	3
4	Approaches to the mechanism of antifungal activity of <i>Zuccagnia punctata</i> - <i>Larrea nitida</i> bi-herbal combination. <i>Phytomedicine</i> , 2019, 54, 291-301.	2.3	15
5	Two <i>S. pombe</i> septation phases differ in ingression rate, septum structure, and response to F-actin loss. <i>Journal of Cell Biology</i> , 2019, 218, 4171-4194.	2.3	14
6	The antifungal activity and mechanisms of action of quantified extracts from berries, leaves and roots of <i>Phytolacca tetramera</i> . <i>Phytomedicine</i> , 2019, 60, 152884.	2.3	17
7	The fungal cell wall as a target for the development of new antifungal therapies. <i>Biotechnology Advances</i> , 2019, 37, 107352.	6.0	88
8	Fission yeast cell wall biosynthesis and cell integrity signalling. <i>Cell Surface</i> , 2018, 4, 1-9.	1.5	35
9	Specific detection of fission yeast primary septum reveals septum and cleavage furrow ingression during early anaphase independent of mitosis completion. <i>PLoS Genetics</i> , 2018, 14, e1007388.	1.5	18
10	Overview of fission yeast septation. <i>Cellular Microbiology</i> , 2016, 18, 1201-1207.	1.1	18
11	The Cell Biology of Fission Yeast Septation. <i>Microbiology and Molecular Biology Reviews</i> , 2016, 80, 779-791.	2.9	45
12	Fission yeast septation. <i>Communicative and Integrative Biology</i> , 2016, 9, e1189045.	0.6	19
13	Imaging Septum Formation by Fluorescence Microscopy. <i>Methods in Molecular Biology</i> , 2016, 1369, 73-85.	0.4	5
14	A New Membrane Protein Sbg1 Links the Contractile Ring Apparatus and Septum Synthesis Machinery in Fission Yeast. <i>PLoS Genetics</i> , 2016, 12, e1006383.	1.5	29
15	Cooperation between Paxillin-like Protein Pxl1 and Glucan Synthase Bgs1 Is Essential for Actomyosin Ring Stability and Septum Formation in Fission Yeast. <i>PLoS Genetics</i> , 2015, 11, e1005358.	1.5	59
16	New Cell Wall-Affecting Antifungal Antibiotics. , 2014, , 237-268.		2
17	Extracellular cell wall $\beta$ (1,3)glucan is required to couple septation to actomyosin ring contraction. <i>Journal of Cell Biology</i> , 2013, 203, 265-282.	2.3	84
18	Fission yeast Ags1 confers the essential septum strength needed for safe gradual cell abscission. <i>Journal of Cell Biology</i> , 2012, 198, 637-656.	2.3	83

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19	Differential Activities of Three Families of Specific $\beta(1,3)$ Glucan Synthase Inhibitors in Wild-type and Resistant Strains of Fission Yeast. <i>Journal of Biological Chemistry</i> , 2011, 286, 3484-3496.	1.6	46
20	Proper timing of cytokinesis is regulated by <i>Schizosaccharomyces pombe</i> Etd1. <i>Journal of Cell Biology</i> , 2009, 186, 739-753.	2.3	44
21	The (1,3)- $\beta$ -D-glucan synthase subunit Bgs1p is responsible for the fission yeast primary septum formation. <i>Molecular Microbiology</i> , 2007, 65, 201-217.	1.2	103
22	The novel fission yeast (1,3)- $\beta$ -D-glucan synthase catalytic subunit Bgs4p is essential during both cytokinesis and polarized growth. <i>Journal of Cell Science</i> , 2005, 118, 157-174.	1.2	130
23	<i>Schizosaccharomyces pombe</i> Pmr1p Is Essential for Cell Wall Integrity and Is Required for Polarized Cell Growth and Cytokinesis. <i>Eukaryotic Cell</i> , 2004, 3, 1124-1135.	3.4	35
24	In vitro Inhibition of 1,3- $\beta$ -D-Glucan Synthase by Glycolipids from Convolvulaceous Species. <i>Planta Medica</i> , 2002, 68, 739-742.	0.7	18
25	Localization of the (1,3)- $\beta$ -D-glucan synthase catalytic subunit homologue Bgs1p/Cps1p from fission yeast suggests that it is involved in septation, polarized growth, mating, spore wall formation and spore germination. <i>Journal of Cell Science</i> , 2002, 115, 4081-4096.	1.2	135
26	In vitro antifungal evaluation and structure-activity relationships of a new series of chalcone derivatives and synthetic analogues, with inhibitory properties against polymers of the fungal cell wall. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 1999-2013.	1.4	275
27	A Genomic Approach for the Identification and Classification of Genes Involved in Cell Wall Formation and Its Regulation in <i>Saccharomyces cerevisiae</i> . <i>Comparative and Functional Genomics</i> , 2001, 2, 124-142.	2.0	138
28	Inhibitors of the fungal cell wall. Synthesis of 4-aryl-4-N-arylamino-1-butenes and related compounds with inhibitory activities on $\beta(1\rightarrow3)$ glucan and chitin synthases. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 691-698.	1.4	94