

## List of Publications by Year in descending order

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31  
papers

3,074  
citations

331670

21  
h-index

434195

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

3949  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights from the genome of the biotrophic fungal plant pathogen <i>Ustilago maydis</i> . <i>Nature</i> , 2006, 444, 97-101.	27.8	1,113
2	Does proline accumulation play an active role in stress-induced growth reduction?. <i>Plant Journal</i> , 2002, 31, 699-712.	5.7	357
3	Salt causes ion disequilibrium-induced programmed cell death in yeast and plants. <i>Plant Journal</i> , 2002, 29, 649-659.	5.7	261
4	Adaptive evolution by mutations in the FLO11 gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11228-11233.	7.1	197
5	A Plant Defense Response Effector Induces Microbial Apoptosis. <i>Molecular Cell</i> , 2001, 8, 921-930.	9.7	151
6	In Defense against Pathogens. Both Plant Sentinels and Foot Soldiers Need to Know the Enemy,. <i>Plant Physiology</i> , 2003, 131, 1580-1590.	4.8	122
7	Osmotin, a Plant Antifungal Protein, Subverts Signal Transduction to Enhance Fungal Cell Susceptibility. <i>Molecular Cell</i> , 1998, 1, 807-817.	9.7	120
8	Fungal cell wall phosphomannans facilitate the toxic activity of a plant PR-5 protein. <i>Plant Journal</i> , 2000, 23, 375-383.	5.7	89
9	Identification of Novel Activation Mechanisms for <i>FLO11</i> Regulation in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2008, 178, 145-156.	2.9	64
10	The <i>O</i> -Mannosyltransferase PMT4 Is Essential for Normal Appressorium Formation and Penetration in <i>Ustilago maydis</i> . <i>Plant Cell</i> , 2009, 21, 3397-3412.	6.6	60
11	Resistance to the plant PR-5 protein osmotin in the model fungus <i>Saccharomyces cerevisiae</i> is mediated by the regulatory effects of SSD1 on cell wall composition. <i>Plant Journal</i> , 2001, 25, 271-280.	5.7	53
12	The General Transcriptional Repressor Tup1 Is Required for Dimorphism and Virulence in a Fungal Plant Pathogen. <i>PLoS Pathogens</i> , 2011, 7, e1002235.	4.7	52
13	Identification of O-mannosylated Virulence Factors in <i>Ustilago maydis</i> . <i>PLoS Pathogens</i> , 2012, 8, e1002563.	4.7	48
14	Genomic complexity and chromosomal rearrangements in wine-laboratory yeast hybrids. <i>Current Genetics</i> , 1996, 30, 410-416.	1.7	43
15	Overexpression of a cell wall glycoprotein in <i>Fusarium oxysporum</i> increases virulence and resistance to a plant PR-5 protein. <i>Plant Journal</i> , 2003, 36, 390-400.	5.7	41
16	The Hos2 Histone Deacetylase Controls <i>Ustilago maydis</i> Virulence through Direct Regulation of Mating-Type Genes. <i>PLoS Pathogens</i> , 2015, 11, e1005134.	4.7	37
17	Chromatin Modulation at the FLO11 Promoter of <i>Saccharomyces cerevisiae</i> by HDAC and Swi/Snf Complexes. <i>Genetics</i> , 2012, 191, 791-803.	2.9	35
18	N-glycosylation of the protein disulfide isomerase Pdi1 ensures full <i>Ustilago maydis</i> virulence. <i>PLoS Pathogens</i> , 2019, 15, e1007687.	4.7	35

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19	Molecular characterization of Î²-amyrin synthase from <i>Aster sedifolius</i> L. and triterpenoid saponin analysis. <i>Plant Science</i> , 2008, 175, 255-261.	3.6	32
20	Endoplasmic Reticulum Glucosidases and Protein Quality Control Factors Cooperate to Establish Biotrophy in <i>Ustilago maydis</i> . <i>Plant Cell</i> , 2013, 25, 4676-4690.	6.6	27
21	Inorganic Cations Mediate Plant PR5 Protein Antifungal Activity through Fungal Mnn1- and Mnn4-Regulated Cell Surface Glycans. <i>Molecular Plant-Microbe Interactions</i> , 2004, 17, 780-788.	2.6	26
22	Population analysis of biofilm yeasts during fino sherry wine aging in the Montilla-Moriles D.O. region. <i>International Journal of Food Microbiology</i> , 2017, 244, 67-73.	4.7	20
23	Genes involved in protein glycosylation determine the activity and cell internalization of the antifungal peptide PAF26 in <i>Saccharomyces cerevisiae</i> . <i>Fungal Genetics and Biology</i> , 2013, 58-59, 105-115.	2.1	16
24	Protein glycosylation in the phytopathogen <i>Ustilago maydis</i> : From core oligosaccharide synthesis to the ER glycoprotein quality control system, a genomic analysis. <i>Fungal Genetics and Biology</i> , 2010, 47, 727-735.	2.1	14
25	Electrophoretic Karyotype of budding yeasts with intact cell Wall. <i>Nucleic Acids Research</i> , 1993, 21, 3902-3902.	14.5	13
26	Chromatin modification factors in plant pathogenic fungi: Insights from <i>Ustilago maydis</i> . <i>Fungal Genetics and Biology</i> , 2019, 129, 52-64.	2.1	13
27	<i>Ustilago maydis</i> Secreted Endo-Xylanases Are Involved in Fungal Filamentation and Proliferation on and Inside Plants. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 1081.	3.5	8
28	The requirement for protein O-mannosylation for <i>Ustilago maydis</i> virulence seems to be linked to intrinsic aspects of the infection process rather than an altered plant response. <i>Plant Signaling and Behavior</i> , 2010, 5, 412-414.	2.4	7
29	Histone deacetylases: revealing the molecular base of dimorphism in pathogenic fungi. <i>Microbial Cell</i> , 2015, 2, 491-493.	3.2	7
30	An In-Gel Assay of a Recombinant Western Corn Rootworm ( <i>Diabrotica virgifera virgifera</i> ) Cysteine Proteinase Expressed in Yeast. <i>Analytical Biochemistry</i> , 2000, 282, 153-155.	2.4	5
31	Structural, Evolutionary, and Functional Analysis of the Protein O-Mannosyltransferase Family in Pathogenic Fungi. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 328.	3.5	3