JÃ¼rgen Wendland

List of Publications by Year
in descending order

76	3,199	136950	161849
papers	citations	32 h-index	54 g-index

103	103	103	3362
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparative genomics of MAP kinase and calciumâ€“calcineurin signalling components in plant and human pathogenic fungi. Fungal Genetics and Biology, 2009, 46, 287-298.	2.1	302
2	An improved transformation protocol for the human fungal pathogen Candida albicans. Current Genetics, 2003, 42, 339-343.	1.7	193
3	New modules for PCR-based gene targeting inCandida albicans: rapid and efficient gene targeting using 100 bp of flanking homology region. Yeast, 2003, 20, 1339-1347.	1.7	176
4	Acetaldehyde as an Intermediate in the Electroreduction of Carbon Monoxide to Ethanol on Oxideâ€Derived Copper. Angewandte Chemie - International Edition, 2016, 55, 1450-1454.	13.8	166
5	Fungal model systems and the elucidation of pathogenicity determinants. Fungal Genetics and Biology, 2014, 70, 42-67.	2.1	133
6	Genome Sequence of Saccharomyces carlsbergensis, the Worldâ€™s First Pure Culture Lager Yeast. G3: Genes, Genomes, Genetics, 2014, 4, 783-793.	1.8	129
7	PCR-based gene targeting in the filamentous fungus Ashbya gossypii. Gene, 2000, 242, 381-391.	2.2	123
8	Comparison of Morphogenetic Networks of Filamentous Fungi and Yeast. Fungal Genetics and Biology, 2001, 34, 63-82.	2.1	102
9	Candida albicans CHT3 encodes the functional homolog of the Cts1 chitinase of Saccharomyces cerevisiae. Fungal Genetics and Biology, 2005, 42, 935-947.	2.1	88
10	Ashbya gossypii: a model for fungal developmental biology. Nature Reviews Microbiology, 2005, 3, 421-429.	28.6	85
11	New pFA-cassettes for PCR-based gene manipulation inCandida albicans. Journal of Basic Microbiology, 2006, 46, 416-429.	3.3	75
12	A Ras-like GTPase Is Involved in Hyphal Growth Guidance in the Filamentous Fungus Ashbya gossypii. Molecular Biology of the Cell, 2004, 15, 4622-4632.	2.1	69
13	PCR-based methods facilitate targeted gene manipulations and cloning procedures. Current Genetics, 2003, 44, 115-123.	1.7	68
14	Breeding of lager yeast with Saccharomyces cerevisiae improves stress resistance and fermentation performance. Yeast, 2012, 29, 343-355.	1.7	65
15	The Whiff of Wine Yeast Innovation: Strategies for Enhancing Aroma Production by Yeast during Wine Fermentation. Journal of Agricultural and Food Chemistry, 2019, 67, 13496-13505.	5.2	63
16	Septation and cytokinesis in fungi. Fungal Genetics and Biology, 2003, 40, 187-196.	2.1	61
17	Ras1-Induced Hyphal Development in Candida albicans Requires the Formin Bni1. Eukaryotic Cell, 2005, 4, 1712-1724.	3.4	56
18	Candida albicans Sfl1 Suppresses Flocculation and Filamentation. Eukaryotic Cell, 2007, 6, 1736-1744.	3.4	55

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19	N -Acetylglucosamine Utilization by Saccharomyces cerevisiae Based on Expression of Candida albicans NAG Genes. Applied and Environmental Microbiology, 2009, 75, 5840-5845.	3.1	55
20	The putative vacuolar ATPase subunit Vma7p of Candida albicans is involved in vacuole acidification, hyphal development and virulence. Microbiology (United Kingdom), 2005, 151, 1645-1655.	1.8	52
21	Forward genetics in Candida albicans that reveals the Arp2/3 complex is required for hyphal formation, but not endocytosis. Molecular Microbiology, 2010, 75, 1182-1198.	2.5	52
22	Lager Yeast Comes of Age. Eukaryotic Cell, 2014, 13, 1256-1265.	3.4	50
23	Isolation of tef1 encoding translation elongation factor EF1Î± from the homobasidiomycete Schizophyllum commune. Mycological Research, 1997, 101, 798-802.	2.5	42
24	Candida albicans Rho-Type GTPase-Encoding Genes Required for Polarized Cell Growth and Cell Separation. Eukaryotic Cell, 2007, 6, 844-854.	3.4	42
25	Apical localization of actin patches and vacuolar dynamics in Ashbya gossypii depend on the WASP homolog Wal1p. Journal of Cell Science, 2004, 117, 4947-4958.	2.0	41
26	Genome Evolution in the Eremothecium Clade of the Saccharomyces Complex Revealed by Comparative Genomics. G3: Genes, Genomes, Genetics, 2011, 1, 539-548.	1.8	40
27	Acetaldehyde as an Intermediate in the Electroreduction of Carbon Monoxide to Ethanol on Oxideâ€Derived Copper. Angewandte Chemie, 2016, 128, 1472-1476.	2.0	39
28	Adding Flavor to Beverages with Non-Conventional Yeasts. Fermentation, 2018, 4, 15.	3.0	38
29	PCR-based gene targeting in Candida albicans. Nature Protocols, 2008, 3, 1414-1421.	12.0	37
30	Yap1-dependent oxidative stress response provides a link to riboflavin production in Ashbya gossypii. Fungal Genetics and Biology, 2012, 49, 697-707.	2.1	36
31	Analysis of the landmark protein Bud3 of Ashbya gossypii reveals a novel role in septum construction. EMBO Reports, 2003, 4, 200-204.	4.5	35
32	Major contribution of the Ehrlich pathway for 2-phenylethanol/rose flavor production inAshbya gossypii. FEMS Yeast Research, 2014, 14, 833-844.	2.3	33
33	An IQGAP-related protein, encoded by AgCYK1, is required for septation in the filamentous fungus Ashbya gossypii. Fungal Genetics and Biology, 2002, 37, 81-88.	2.1	32
34	Functional analysis ofCandida albicans genes whoseSaccharomyces cerevisiae homologues are involved in endocytosis. Yeast, 2007, 24, 511-522.	1.7	31
35	Dualâ€colour fluorescence microscopy using yEmCherryâ€GFPâ€tagging of eisosome components Pil1 and Lsp1 in Candida albicans. Yeast, 2011, 28, 331-338.	1.7	28
36	Use of MET3 promoters for regulated gene expression in Ashbya gossypii. Current Genetics, 2007, 52, 1-10.	1.7	26

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37	An Ashbya gossypii cts2 mutant deficient in a sporulation-specific chitinase can be complemented by Candida albicans CHT4. Microbiological Research, 2008, 163, 701-710.	5.3	25
38	Blending wine yeast phenotypes with the aid of CRISPR DNA editing technologies. International Journal of Food Microbiology, 2020, 324, 108615.	4.7	24
39	The SH3/PH Domain Protein AgBoi1/2 Collaborates with the Rho-Type GTPaseAgRho3 To Prevent Nonpolar Growth at Hyphal Tips of Ashbyagossypii. Eukaryotic Cell, 2006, 5, 1635-1647.	3.4	23
40	Subcellular localization of the fatty acyl reductase involved inÂpheromone biosynthesis in the tobacco budworm, Heliothis virescens (Noctuidae: Lepidoptera). Insect Biochemistry and Molecular Biology, 2013, 43, 510-521.	2.7	23
41	Molecular Determinants of Sporulation in Ashbya gossypii. Genetics, 2013, 195, 87-99.	2.9	20
42	Development of Genetic Modification Tools for Hanseniasporauvarum. International Journal of Molecular Sciences, 2021, 22, 1943.	4.1	19
43	Multi-omics characterization of the necrotrophic mycoparasite Saccharomycopsis schoenii. PLoS Pathogens, 2019, 15, e1007692.	4.7	18
44	Candida albicans Vrp1 is required for polarized morphogenesis and interacts with Wal1 and Myo5. Microbiology (United Kingdom), 2010, 156, 2962-2969.	1.8	17
45	Characterization of Î±-factor pheromone and pheromone receptor genes of Ashbya gossypii. FEMS Yeast Research, 2011, 11, 418-429.	2.3	17
46	An instant preparation method for nucleic acids of filamentous fungi. Fungal Genetics Reports, 1996, 43, 54-55.	0.6	17
47	Development of brewing science in (and since) the late 19th century: Molecular profiles of 110â€“130year old beers. Food Chemistry, 2015, 183, 227-234.	8.2	15
48	The mycoparasitic yeast Saccharomycopsis schoenii predates and kills multi-drug resistant Candida auris. Scientific Reports, 2018, 8, 14959.	3.3	15
49	Candida albicans SH3-domain proteins involved in hyphal growth, cytokinesis, and vacuolar morphology. Current Genetics, 2010, 56, 309-319.	1.7	14
50	The Ashbya gossypii fimbrin SAC6 is required for fast polarized hyphal tip growth and endocytosis. Microbiological Research, 2011, 166, 137-145.	5.3	14
51	Analysis of the cell wall integrity pathway of Ashbya gossypii. Microbiological Research, 2013, 168, 607-614.	5.3	14
52	Differential stress response of Saccharomyces hybrids revealed by monitoring Hsp104 aggregation and disaggregation. Microbiological Research, 2017, 200, 53-63.	5.3	14
53	Homologous Recombination: A GRAS Yeast Genome Editing Tool. Fermentation, 2020, 6, 57.	3.0	13
54	Analysis of flocculins in Ashbya gossypii reveals FIG2 regulation by TEC1. Fungal Genetics and Biology, 2010, 47, 619-628.	2.1	11

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55	Sulfite Action in Glycolytic Inhibition: In Vivo Realâ€Time Observation by Hyperpolarized ¹³C NMR Spectroscopy. ChemBioChem, 2012, 13, 2265-2269.	2.6	11
56	Initial molecular characterization of a novel Rho-type GTPase RhoH in the filamentous ascomycete Ashbya gossypii. Current Genetics, 2005, 48, 247-255.	1.7	10
57	Functional analysis of Candida albicans genes encoding SH3-domain-containing proteins. FEMS Yeast Research, 2010, 10, 452-461.	2.3	10
58	Chromosome Number Reduction in Eremothecium coryli by Two Telomere-to-Telomere Fusions. Genome Biology and Evolution, 2014, 6, 1186-1198.	2.5	10
59	The APSES protein Sok2 is a positive regulator of sporulation in Ashbya gossypii. Molecular Microbiology, 2017, 106, 949-960.	2.5	10
60	Use of the Porcine Intestinal Epithelium (PIE)-Assay to analyze early stages of colonization by the human fungal pathogenCandida albicans. Journal of Basic Microbiology, 2006, 46, 513-523.	3.3	9
61	An indirect assay for volatile compound production in yeast strains. Scientific Reports, 2015, 4, 3707.	3.3	9
62	Draft Genome Sequence of Saccharomycopsis fermentans CBS 7830, a Predacious Yeast Belonging to the Saccharomycetales. Genome Announcements, 2018, 6, .	0.8	9
63	Sporulation in Ashbya gossypii. Journal of Fungi (Basel, Switzerland), 2020, 6, 157.	3.5	9
64	Snails as Taxis for a Large Yeast Biodiversity. Fermentation, 2020, 6, 90.	3.0	9
65	Overexpression of RAD51 Enables PCR-Based Gene Targeting in Lager Yeast. Microorganisms, 2019, 7, 192.	3.6	8
66	A molecular toolbox for manipulating Eremothecium coryli. Microbiological Research, 2007, 162, 299-307.	5.3	7
67	Draft Genome Sequence of Saccharomycopsis fodiens CBS 8332, a Necrotrophic Mycoparasite with Biocontrol Potential. Genome Announcements, 2017, 5, .	0.8	7
68	A script for initiating molecular biology studies with non-conventional yeasts based on Saccharomycopsis schoenii. Microbiological Research, 2019, 229, 126342.	5.3	7
69	Effect of Isomixing on Grape Must Fermentations of ATF1â€“Overexpressing Wine Yeast Strains. Foods, 2020, 9, 717.	4.3	6
70	An Arf-GAP promotes endocytosis and hyphal growth of Ashbya gossypii. FEMS Microbiology Letters, 2017, 364, .	1.8	5
71	Expansion of a Telomeric FLO/ALS-Like Sequence Gene Family in Saccharomycopsis fermentans. Frontiers in Genetics, 2018, 9, 536.	2.3	5
72	Tip Growth and Endocytosis in Fungi. , 0, , 293-310.		4

#	Article	IF	Citations
73	Developmental Growth Control Exerted via the Protein A Kinase Tpk2 in Ashbya gossypii. Eukaryotic Cell, 2015, 14, 593-601.	3.4	4
74	Characterization of Old Wine Yeasts Kept for Decades under a Zero-Emission Maintenance Regime. Fermentation, 2020, 6, 9.	3.0	4
75	Role of RIM101 for Sporulation at Alkaline pH in Ashbya gossypii. Journal of Fungi (Basel, Switzerland), 2021, 7, 527.	3.5	4
76	Hyphal Growth and Virulence in Candida albicans. , 2008, , 95-114.		1