

Sabine Fillinger

List of Publications by Year in descending order

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papers

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citations

236925
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395702
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40
all docs

40
docs citations

40
times ranked

5156
citing authors

#	ARTICLE	IF	CITATIONS
1	Essential <i>Bacillus subtilis</i> genes. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4678-4683.	7.1	1,261
2	Genomic Analysis of the Necrotrophic Fungal Pathogens <i>Sclerotinia sclerotiorum</i> and <i>Botrytis cinerea</i> . PLoS Genetics, 2011, 7, e1002230.	3.5	902
3	Fungicide-Driven Evolution and Molecular Basis of Multidrug Resistance in Field Populations of the Grey Mould Fungus <i>Botrytis cinerea</i> . PLoS Pathogens, 2009, 5, e1000696.	4.7	329
4	Trehalose is required for the acquisition of tolerance to a variety of stresses in the filamentous fungus <i>Aspergillus nidulans</i> The GenBank accession number for the sequence reported in this paper is AF043230.. Microbiology (United Kingdom), 2001, 147, 1851-1862.	1.8	187
5	Two Glyceraldehyde-3-phosphate Dehydrogenases with Opposite Physiological Roles in a Nonphotosynthetic Bacterium. Journal of Biological Chemistry, 2000, 275, 14031-14037.	3.4	173
6	cAMP and ras signalling independently control spore germination in the filamentous fungus <i>Aspergillus nidulans</i> . Molecular Microbiology, 2002, 44, 1001-1016.	2.5	170
7	A Class III Histidine Kinase Acts as a Novel Virulence Factor in <i>Botrytis cinerea</i> . Molecular Plant-Microbe Interactions, 2006, 19, 1042-1050.	2.6	149
8	Fungicide efflux and the <i>MgMFS</i> 1 transporter contribute to the multidrug resistance phenotype in <i>Zymoseptoria tritici</i> field isolates. Environmental Microbiology, 2015, 17, 2805-2823.	3.8	140
9	The HOG1-like MAP kinase Sak1 of <i>Botrytis cinerea</i> is negatively regulated by the upstream histidine kinase Bos1 and is not involved in dicarboximide- and phenylpyrrole-resistance. Fungal Genetics and Biology, 2008, 45, 1062-1074.	2.1	100
10	Genetic Analysis of Fenhexamid-Resistant Field Isolates of the Phytopathogenic Fungus <i>Botrytis cinerea</i> . Antimicrobial Agents and Chemotherapy, 2008, 52, 3933-3940.	3.2	97
11	Site-directed mutagenesis of the <i>P225</i> , <i>N230</i> and <i>H272</i> residues of succinate dehydrogenase subunit <i>B</i> from <i>Botrytis cinerea</i> highlights different roles in enzyme activity and inhibitor binding. Environmental Microbiology, 2014, 16, 2253-2266.	3.8	90
12	The bdbDC Operon of <i>Bacillus subtilis</i> Encodes Thiol-disulfide Oxidoreductases Required for Competence Development. Journal of Biological Chemistry, 2002, 277, 6994-7001.	3.4	85
13	Phenylpyrroles: 30 Years, Two Molecules and (Nearly) No Resistance. Frontiers in Microbiology, 2016, 7, 2014.	3.5	82
14	Proposal for a unified nomenclature for target-site mutations associated with resistance to fungicides. Pest Management Science, 2016, 72, 1449-1459.	3.4	76
15	Plasticity of the <i>MFS1</i> Promoter Leads to Multidrug Resistance in the Wheat Pathogen <i>Zymoseptoria tritici</i> . MSphere, 2017, 2, .	2.9	75
16	A Functional Bikaverin Biosynthesis Gene Cluster in Rare Strains of <i>Botrytis cinerea</i> Is Positively Controlled by VELVET. PLoS ONE, 2013, 8, e53729.	2.5	69
17	The osmosensing signal transduction pathway from <i>Botrytis cinerea</i> regulates cell wall integrity and MAP kinase pathways control melanin biosynthesis with influence of light. Fungal Genetics and Biology, 2011, 48, 377-387.	2.1	66
18	Glycerol dehydrogenase, encoded by <i>gldB</i> is essential for osmotolerance in <i>Aspergillus nidulans</i> . Molecular Microbiology, 2003, 49, 131-141.	2.5	62

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19	Functional and Structural Comparison of Pyrrolnitrin- and Iprodione-Induced Modifications in the Class III Histidine-Kinase Bos1 of <i>Botrytis cinerea</i> . PLoS ONE, 2012, 7, e42520.	2.5	62
20	Molecular and physiological characterization of the NAD-dependent glycerol 3-phosphate dehydrogenase in the filamentous fungus <i>Aspergillus nidulans</i> . Molecular Microbiology, 2001, 39, 145-157.	2.5	58
21	A newly identified gene cluster in <i>Aspergillus nidulans</i> comprises five novel genes localized in the alc region that are controlled both by the specific transactivator AlcR and the general carbon catabolite repressor CreA. Molecular Microbiology, 1996, 20, 475-488.	2.5	52
22	Strong resistance to the fungicide fenhexamid entails a fitness cost in <i>Botrytis cinerea</i> , as shown by comparisons of isogenic strains. Pest Management Science, 2012, 68, 684-691.	3.4	49
23	Botrytis, the Good, the Bad and the Ugly. , 2016, , 1-15.		49
24	The Zinc Binuclear Cluster Activator AlcR Is Able to Bind to Single Sites but Requires Multiple Repeated Sites for Synergistic Activation of the alcA Gene in <i>Aspergillus nidulans</i> . Journal of Biological Chemistry, 1997, 272, 22859-22865.	3.4	43
25	Chemical Control and Resistance Management of Botrytis Diseases. , 2016, , 189-216.		42
26	In vivo studies of upstream regulatory cis-acting elements of the alcR gene encoding the transactivator of the ethanol regulon in <i>Aspergillus nidulans</i> . Molecular Microbiology, 2000, 36, 123-131.	2.5	40
27	The basal level of transcription of the alc genes in the ethanol regulon in <i>Aspergillus nidulans</i> is controlled both by the specific transactivator AlcR and the general carbon catabolite repressor CreA. FEBS Letters, 1995, 368, 547-550.	2.8	35
28	Histidinol Phosphate Phosphatase, Catalyzing the Penultimate Step of the Histidine Biosynthesis Pathway, Is Encoded by <i>ytpP</i> (<i>hisJ</i>) in <i>Bacillus subtilis</i> . Journal of Bacteriology, 1999, 181, 3277-3280.	2.2	22
29	Fungicide Sensitivity Shifting of <i>Zymoseptoria tritici</i> in the Finnish-Baltic Region and a Novel Insertion in the MFS1 Promoter. Frontiers in Plant Science, 2020, 11, 385.	3.6	21
30	Expressed sequence tags from the phytopathogenic fungus <i>Botrytis cinerea</i> . European Journal of Plant Pathology, 2005, 111, 139-146.	1.7	20
31	Role of sterol 3 β -ketoreductase sensitivity in susceptibility to the fungicide fenhexamid in <i>Botrytis cinerea</i> and other phytopathogenic fungi. Pest Management Science, 2013, 69, 642-651.	3.4	20
32	Phosphoproteome profiles of the phytopathogenic fungi <i>Alternaria brassicicola</i> and <i>Botrytis cinerea</i> during exponential growth in axenic cultures. Proteomics, 2014, 14, 1639-1645.	2.2	13
33	Directed evolution predicts cytochrome <i>b</i> target site modification as probable adaptive mechanism towards the <i>Qil</i> fungicide fenpicoxamid in <i>Zymoseptoria tritici</i> . Environmental Microbiology, 2022, 24, 1117-1132.	3.8	13
34	Comparative quantitative proteomics of osmotic signal transduction mutants in <i>Botrytis cinerea</i> explain mutant phenotypes and highlight interaction with cAMP and Ca ²⁺ signalling pathways. Journal of Proteomics, 2020, 212, 103580.	2.4	5