Matthias Hahn

List of Publications by Year
in descending order

54 papers	4,553 citations	159585 30 h-index	243625 44 g-index
58 all docs	58 docs citations	58 times ranked	4272 citing authors

#	Article	IF	Citations
1	Fenhexamid - an efficient and inexpensive fungicide for selection of Magnaporthe oryzae transformants. European Journal of Plant Pathology, 2022, 162, 697.	1.7	2
2	Multiple knockout mutants reveal a high redundancy of phytotoxic compounds contributing to necrotrophic pathogenesis of Botrytis cinerea. PLoS Pathogens, 2022, 18, e1010367.	4.7	45
3	Cytotoxic activity of Nep1â€like proteins on monocots. New Phytologist, 2022, 235, 690-700.	7.3	9
4	One Cut to Change Them All: CRISPR/Cas, a Groundbreaking Tool for Genome Editing in <i>Botrytis cinerea</i> and Other Fungal Plant Pathogens. Phytopathology, 2021, 111, 474-477.	2.2	9
5	Genetic Diversity of Botrytis cinerea Revealed by Multilocus Sequencing, and Identification of B. cinerea Populations Showing Genetic Isolation and Distinct Host Adaptation. Frontiers in Plant Science, 2021, 12, 663027.	3.6	24
6	Selected genotypes with the genetic background of Vitis aestivalis and Vitis labrusca are resistant to Xiphinema index. Plant Disease, 2021, , PDIS12202716RE.	1.4	2
7	Retrotransposons as pathogenicity factors of the plant pathogenic fungus Botrytis cinerea. Genome Biology, 2021, 22, 225.	8.8	24
8	CRISPR/Cas with ribonucleoprotein complexes and transiently selected telomere vectors allows highly efficient marker-free and multiple genome editing in Botrytis cinerea. PLoS Pathogens, 2020, 16, e1008326.	4.7	55
9	Title is missing!. , 2020, 16, e1008326.		0
10	Title is missing!. , 2020, 16, e1008326.		0
11	Title is missing!. , 2020, 16, e1008326.		0
12	Title is missing!. , 2020, 16, e1008326.		0
13	Title is missing!. , 2020, 16, e1008326.		0
14	Title is missing!. , 2020, 16, e1008326.		0
15	Fungicide resistance of Botrytis cinerea from strawberry to procymidone and zoxamide in Hubei, China. Phytopathology Research, 2019, 1, .	2.4	33
16	Rapid detection of benzimidazole resistance in Botrytis cinerea by loop-mediated isothermal amplification. Phytopathology Research, 2019, 1, .	2.4	14
17	Electrochemical Potential-Biological Activity Relationships of Cyclic Sulfur-Containing Molecules Against Steinernema feltiae, Botrytis cinerea, and Neuro 2a Cell Line. Current Pharmacology Reports, 2019, 5, 174-187.	3.0	0
18	Lipid droplet biogenesis regulated by the FgNem1/Spo7â€FgPah1 phosphatase cascade plays critical roles in fungal development and virulence in <i>Fusarium graminearum</i>. New Phytologist, 2019, 223, 412-429.	7.3	32

#	ARTICLE	IF	CITATIONS
19	Grey mould disease of strawberry in northern Germany: causal agents, fungicide resistance and management strategies. Applied Microbiology and Biotechnology, 2019, 103, 1589-1597.	3.6	29
20	The MAPK kinase BcMkk1 suppresses oxalic acid biosynthesis via impeding phosphorylation of BcRim15 by BcSch9 in Botrytis cinerea. PLoS Pathogens, 2018, 14, e1007285.	4.7	36
21	Investigations on <scp>VELVET</scp> regulatory mutants confirm the role of host tissue acidification and secretion of proteins in the pathogenesis of <i>Botrytis cinerea</i>. New Phytologist, 2018, 219, 1062-1074.	7.3	76
22	A gapless genome sequence of the fungus <i>Botrytis cinerea</i>. Molecular Plant Pathology, 2017, 18, 75-89.	4.2	265
23	Botrytisfragariae, a New Species Causing Gray Mold on Strawberries, Shows High Frequencies of Specific and Efflux-Based Fungicide Resistance. Applied and Environmental Microbiology, 2017, 83, .	3.1	47
24	Botrytis cinerea can import and utilize nucleosides in salvage and catabolism and BcENT functions as high affinity nucleoside transporter. Fungal Biology, 2016, 120, 904-916.	2.5	5
25	Spread of Botrytis cinerea Strains with Multiple Fungicide Resistance in German Horticulture. Frontiers in Microbiology, 2016, 7, 2075.	3.5	121
26	The signalling mucin <scp>M</scp>sb2 regulates surface sensing and host penetration via <scp>BMP1 MAP</scp> kinase signalling in <i><scp>B</scp>otrytis cinerea</i>. Molecular Plant Pathology, 2015, 16, 787-798.	4.2	42
27	Botrytis pseudocinerea Is a Significant Pathogen of Several Crop Plants but Susceptible to Displacement by Fungicide-Resistant B. cinerea Strains. Applied and Environmental Microbiology, 2015, 81, 7048-7056.	3.1	59
28	Multidrug Efflux Transporters. , 2015, , 233-248.		6
29	Population Structure, Fungicide Resistance Profile, and <i>sdhB</i> Mutation Frequency of <i>Botrytis cinerea</i> from Strawberry and Greenhouse-Grown Tomato in Greece. Plant Disease, 2015, 99, 240-248.	1.4	53
30	One stop shop: backbones trees for important phytopathogenic genera: I (2014). Fungal Diversity, 2014, 67, 21-125.	12.3	241
31	The rising threat of fungicide resistance in plant pathogenic fungi: Botrytis as a case study. Journal of Chemical Biology, 2014, 7, 133-141.	2.2	332
32	The Genome of Botrytis cinerea, a Ubiquitous Broad Host Range Necrotroph. , 2014, , 19-44.		21
33	Transcriptome Profiling of Botrytis cinerea Conidial Germination Reveals Upregulation of Infection-Related Genes during the Prepenetration Stage. Eukaryotic Cell, 2013, 12, 614-626.	3.4	88
34	Involvement of two type 2<scp>C</scp> protein phosphatases <scp>B</scp>c<scp>P</scp>tc1 and <scp>B</scp>c<scp>P</scp>tc3 in the regulation of multiple stress tolerance and virulence of <i><scp>B</scp>otrytis cinerea</i>. Environmental Microbiology, 2013, 15, 2696-2711.	3.8	32
35	Gray Mold Populations in German Strawberry Fields Are Resistant to Multiple Fungicides and Dominated by a Novel Clade Closely Related to Botrytis cinerea. Applied and Environmental Microbiology, 2013, 79, 159-167.	3.1	176
36	Antifungal Activity of Tetrasulfanes against Botrytis cinerea. Natural Product Communications, 2013, 8, 1934578X1300801.	0.5	7

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37	Antifungal activity of tetrasulfanes against Botrytis cinerea. Natural Product Communications, 2013, 8, 1599-603.	0.5	6
38	Detection and Molecular Characterization of Boscalid-Resistant <i>Botrytis cinerea</i> Isolates from Strawberry. Plant Disease, 2011, 95, 1302-1307.	1.4	120
39	Genomic Analysis of the Necrotrophic Fungal Pathogens Sclerotinia sclerotiorum and Botrytis cinerea. PLoS Genetics, 2011, 7, e1002230.	3.5	902
40	A rapid and simple method for determining fungicide resistance in Botrytis. Journal of Plant Diseases and Protection, 2011, 118, 17-25.	2.9	77
41	Fungicide Resistance Phenotypes of Botrytis cinerea Isolates from Commercial Vineyards in South West Germany. Journal of Phytopathology, 2011, 159, 63-65.	1.0	126
42	Lack of evidence for a role of hydrophobins in conferring surface hydrophobicity to conidia and hyphae of Botrytis cinerea. BMC Microbiology, 2011, 11, 10.	3.3	43
43	Evaluation of the incidence of the G143A mutation and <i>cytb</i> intron presence in the <i>cytochrome bcâ€1</i> gene conferring QoI resistance in <i>Botrytis cinerea</i> populations from several hosts. Pest Management Science, 2011, 67, 1029-1036.	3.4	38
44	Living Colors in the Gray Mold Pathogen Botrytis cinerea: Codon-Optimized Genes Encoding Green Fluorescent Protein and mCherry, Which Exhibit Bright Fluorescence. Applied and Environmental Microbiology, 2011, 77, 2887-2897.	3.1	78
45	The role of mitogenâ€activated protein (MAP) kinase signalling components and the Ste12 transcription factor in germination and pathogenicity of <i>Botrytis cinerea</i>. Molecular Plant Pathology, 2010, 11, 105-119.	4.2	132
46	Fungicide-Driven Evolution and Molecular Basis of Multidrug Resistance in Field Populations of the Grey Mould Fungus Botrytis cinerea. PLoS Pathogens, 2009, 5, e1000696.	4.7	329
47	The ABC transporter BcatrB from <i>Botrytis cinerea</i> exports camalexin and is a virulence factor on <i>Arabidopsis thaliana</i>. Plant Journal, 2009, 58, 499-510.	5.7	178
48	The Uredinales: Cytology, Biochemistry, and Molecular Biology. , 2009, , 69-98.		23
49	Two novel Venturia inaequalis genes induced upon morphogenetic differentiation during infection and in vitro growth on cellophane. Fungal Genetics and Biology, 2008, 45, 1329-1339.	2.1	35
50	The Botrytis cinerea hexokinase, Hxk1, but not the glucokinase, Glk1, is required for normal growth and sugar metabolism, and for pathogenicity on fruits. Microbiology (United Kingdom), 2007, 153, 2791-2802.	1.8	36
51	The Slt2-type MAP kinase Bmp3 of Botrytis cinerea is required for normal saprotrophic growth, conidiation, plant surface sensing and host tissue colonization. Molecular Plant Pathology, 2007, 8, 173-184.	4.2	146
52	Trehalose metabolism is important for heat stress tolerance and spore germination of Botrytis cinerea. Microbiology (United Kingdom), 2006, 152, 2625-2634.	1.8	81
53	Microarray analysis of expressed sequence tags from haustoria of the rust fungus Uromyces fabae. Fungal Genetics and Biology, 2006, 43, 8-19.	2.1	101
54	Different signalling pathways involving a Galpha protein, cAMP and a MAP kinase control germination of Botrytis cinerea conidia. Molecular Microbiology, 2006, 59, 821-835.	2.5	205