

Eckhard Thines

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

89
papers

2,427
citations

24
h-index

46
g-index

99
ext. papers

2,883
ext. citations

4.9
avg, IF

4.75
L-index

#	Paper	IF	Citations
89	Bioaerosols in the Earth system: Climate, health, and ecosystem interactions. <i>Atmospheric Research</i> , 2016 , 182, 346-376	5.4	406
88	MAP kinase and protein kinase A-dependent mobilization of triacylglycerol and glycogen during appressorium turgor generation by <i>Magnaporthe grisea</i> . <i>Plant Cell</i> , 2000 , 12, 1703-18	11.6	341
87	Biodegradable lignin nanocontainers. <i>RSC Advances</i> , 2014 , 4, 11661-11663	3.7	130
86	The transcription factor Con7p is a central regulator of infection-related morphogenesis in the rice blast fungus <i>Magnaporthe grisea</i> . <i>Molecular Microbiology</i> , 2007 , 64, 293-307	4.1	115
85	Polar localizing class V myosin chitin synthases are essential during early plant infection in the plant pathogenic fungus <i>Ustilago maydis</i> . <i>Plant Cell</i> , 2006 , 18, 225-42	11.6	107
84	The vacuole as central element of the lytic system and sink for lipid droplets in maturing appressoria of <i>Magnaporthe grisea</i> . <i>Protoplasma</i> , 2001 , 216, 101-12	3.4	77
83	Sfp-type 4'-phosphopantetheinyl transferase is indispensable for fungal pathogenicity. <i>Plant Cell</i> , 2009 , 21, 3379-96	11.6	53
82	Heptemerones A-G, seven novel diterpenoids from <i>Coprinus heptemerus</i> : producing organism, fermentation, isolation and biological activities. <i>Journal of Antibiotics</i> , 2005 , 58, 390-6	3.7	51
81	Evaluating ancient Egyptian prescriptions today: Anti-inflammatory activity of <i>Ziziphus spina-christi</i> . <i>Phytomedicine</i> , 2016 , 23, 293-306	6.5	43
80	Yeasts from Different Habitats and Their Potential as Biocontrol Agents. <i>Fermentation</i> , 2018 , 4, 31	4.7	39
79	MAP kinase signalling pathway components and targets conserved between the distantly related plant pathogenic fungi <i>Mycosphaerella graminicola</i> and <i>Magnaporthe grisea</i> . <i>Fungal Genetics and Biology</i> , 2009 , 46, 667-81	3.9	39
78	Fungal secondary metabolites as inhibitors of infection-related morphogenesis in phytopathogenic fungi. <i>Mycological Research</i> , 2004 , 108, 14-25		39
77	Targeted Drug Delivery in Plants: Enzyme-Responsive Lignin Nanocarriers for the Curative Treatment of the Worldwide Grapevine Trunk Disease Esca. <i>Advanced Science</i> , 2019 , 6, 1802315	13.6	38
76	Histidine kinases mediate differentiation, stress response, and pathogenicity in <i>Magnaporthe oryzae</i> . <i>MicrobiologyOpen</i> , 2014 , 3, 668-87	3.4	37
75	Trichoflectin, a bioactive azaphilone from the ascomycete <i>Trichopezizella nidulus</i> . <i>Journal of Natural Products</i> , 1998 , 61, 306-8	4.9	36
74	High osmolarity glycerol (HOG) signalling in <i>Magnaporthe oryzae</i> : Identification of MoYPD1 and its role in osmoregulation, fungicide action, and pathogenicity. <i>Fungal Biology</i> , 2015 , 119, 580-94	2.8	32
73	Screening of herbal extracts for TLR2- and TLR4-dependent anti-inflammatory effects. <i>PLoS ONE</i> , 2018 , 13, e0203907	3.7	30

72	Unravelling the biosynthesis of pyriculol in the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Microbiology (United Kingdom)</i> , 2017 , 163, 541-553	2.9	29
71	Anti-inflammatory effects of cinnamon extract and identification of active compounds influencing the TLR2 and TLR4 signaling pathways. <i>Food and Function</i> , 2018 , 9, 5950-5964	6.1	29
70	Diterpenoids from <i>Coprinus heptemerus</i> . <i>Tetrahedron</i> , 2005 , 61, 9527-9532	2.4	28
69	The <i>Magnaporthe grisea</i> class VII chitin synthase is required for normal appressorial development and function. <i>Molecular Plant Pathology</i> , 2009 , 10, 81-94	5.7	27
68	Cytotoxicity of the Sesquiterpene Lactones Neoambrosin and Damsin from <i>Ambrosia maritima</i> Against Multidrug-Resistant Cancer Cells. <i>Frontiers in Pharmacology</i> , 2015 , 6, 267	5.6	26
67	The Chinese herbal formula Free and Easy Wanderer ameliorates oxidative stress through KEAP1-NRF2/HO-1 pathway. <i>Scientific Reports</i> , 2017 , 7, 11551	4.9	25
66	Bioassays to monitor Taspase1 function for the identification of pharmacogenetic inhibitors. <i>PLoS ONE</i> , 2011 , 6, e18253	3.7	24
65	Discovery of an Extended Austinoid Biosynthetic Pathway in <i>Aspergillus calidoustus</i> . <i>ACS Chemical Biology</i> , 2017 , 12, 1227-1234	4.9	22
64	Total Synthesis of (-)-Hymenoseetin. <i>Journal of Organic Chemistry</i> , 2016 , 81, 215-28	4.2	22
63	Phenguignardic acid and guignardic acid, phytotoxic secondary metabolites from <i>Guignardia bidwellii</i> . <i>Journal of Natural Products</i> , 2012 , 75, 1265-9	4.9	22
62	<i>Magnaporthe oryzae</i> effectors MoHEG13 and MoHEG16 interfere with host infection and MoHEG13 counteracts cell death caused by <i>Magnaporthe</i> -NLPs in tobacco. <i>Plant Cell Reports</i> , 2016 , 35, 1169-85	5.1	21
61	Xantheponone, an antimicrobial polyketide from a soil fungus closely related to <i>Phoma medicaginis</i> . <i>Journal of Natural Products</i> , 2009 , 72, 1905-7	4.9	21
60	Phytotoxic dioxolanone-type secondary metabolites from <i>Guignardia bidwellii</i> . <i>Phytochemistry</i> , 2013 , 89, 96-103	4	20
59	Glisoprenin A, an inhibitor of the signal transduction pathway leading to appressorium formation in germinating conidia of <i>Magnaporthe grisea</i> on hydrophobic surfaces. <i>FEMS Microbiology Letters</i> , 2006 , 151, 219-224	2.9	20
58	Tetracyclic terpenoids from <i>Dasyscyphus niveus</i> , dasyscyphins D and E. <i>Journal of Natural Products</i> , 2008 , 71, 1654-6	4.9	19
57	Fungal Melanin Biosynthesis Inhibitors: Introduction of a Test System Based on the Production of Dihydroxynaphthalene (DHN) Melanin in Agar Cultures. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1995 , 50, 813-819	1.7	19
56	Structure elucidation of hypocreolide A by enantioselective total synthesis. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 2123-30	3.9	18
55	Scytalols A, B, C, and D and other modulators of melanin biosynthesis from <i>Scytalidium</i> sp. 36-93. <i>Journal of Antibiotics</i> , 1998 , 51, 387-93	3.7	18

54	GKK1032A, a secondary metabolite from <i>Penicillium</i> sp. IBWF-029-96, inhibits conidial germination in the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Journal of Antibiotics</i> , 2012 , 65, 99-102	3.7	16
53	Fusarin C, (7Z)-fusarin C and (5Z)-fusarin C; inhibitors of dihydroxynaphthalene-melanin biosynthesis from <i>Nectria coccinea</i> (<i>Cylindrocarpon</i> sp.). <i>Journal of Antibiotics</i> , 1997 , 50, 443-5	3.7	16
52	Ascomycones A-C, heptaketide metabolites from an unidentified ascomycete. <i>Journal of Natural Products</i> , 2008 , 71, 1973-6	4.9	16
51	Promoter Activation in Bfq Mutants as an Efficient Tool for Specialized Metabolite Production Enabling Direct Bioactivity Testing. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 18957-18963	16.4	15
50	Drimane sesquiterpenoids from <i>Marasmius</i> sp. inhibiting the conidial germination of plant-pathogenic fungi. <i>Journal of Natural Products</i> , 2012 , 75, 1983-6	4.9	14
49	Purification and Properties of Yeast Proteases Secreted by <i>Wickerhamomyces anomalus</i> 227 and <i>Metschnikovia pulcherrima</i> 446 during Growth in a White Grape Juice. <i>Fermentation</i> , 2017 , 3, 2	4.7	13
48	Assignment of Configuration in a Series of Dioxolanone-Type Secondary Metabolites from <i>Guignardia bidwellii</i> A Comparison of VCD and ECD Spectroscopy. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 5946-5951	3.2	13
47	Caripyrin, a new inhibitor of infection-related morphogenesis in the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Journal of Antibiotics</i> , 2010 , 63, 285-9	3.7	13
46	Benesudon, a new antibiotic fungal metabolite from cultures of <i>Mollisia benesuada</i> (Tul.) Phill. <i>Journal of Antibiotics</i> , 1997 , 50, 13-7	3.7	13
45	Glisoprenins C, D and E, new inhibitors of appressorium formation in <i>Magnaporthe grisea</i> , from cultures of <i>Gliocladium roseum</i> . 2. Structure determination. <i>Journal of Antibiotics</i> , 1998 , 51, 228-31	3.7	13
44	Hog1p activation by marasmic acid through inhibition of the histidine kinase Sln1p. <i>Pest Management Science</i> , 2016 , 72, 1268-74	4.6	13
43	Coumarin derivatives from <i>Pedilanthus tithymaloides</i> as inhibitors of conidial germination in <i>Magnaporthe oryzae</i> . <i>Tetrahedron Letters</i> , 2012 , 53, 2153-2156	2	12
42	Tanzawaic acids I-L: Four new polyketides from <i>Penicillium</i> sp. IBWF104-06. <i>Beilstein Journal of Organic Chemistry</i> , 2014 , 10, 251-8	2.5	12
41	The preparation and bioactivities of (-)-isovelleral. <i>Bioorganic and Medicinal Chemistry</i> , 1997 , 5, 1363-7	3.4	11
40	Terphenyl Derivatives from <i>Allantophomopsis lycopodina</i> . <i>Journal of Natural Products</i> , 2016 , 79, 2718-2725	4.5	11
39	Fungicide resistance toward fludioxonil conferred by overexpression of the phosphatase gene MoPTP2 in <i>Magnaporthe oryzae</i> . <i>Molecular Microbiology</i> , 2019 , 111, 662-677	4.1	11
38	Identification of factors involved in dimorphism and pathogenicity of <i>Zymoseptoria tritici</i> . <i>PLoS ONE</i> , 2017 , 12, e0183065	3.7	10
37	Identification of NF- κ B as Determinant of Posttraumatic Stress Disorder and Its Inhibition by the Chinese Herbal Remedy. <i>Frontiers in Pharmacology</i> , 2017 , 8, 181	5.6	10

36	The role of the Tra1p transcription factor of <i>Magnaporthe oryzae</i> in spore adhesion and pathogenic development. <i>Fungal Genetics and Biology</i> , 2013 , 57, 11-22	3.9	10
35	Anthrancine, an Unusual Cyclic Hexapeptide from <i>Acremonium</i> sp. A29-2004. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2009 , 64, 727-730	1	10
34	Moulds that should be better known: the wine cellar mould, <i>Racodium cellare</i> Persoon. <i>The Mycologist</i> , 2006 , 20, 171-175		10
33	Extract of <i>Caragana sinica</i> as a potential therapeutic option for increasing alpha-secretase gene expression. <i>Phytomedicine</i> , 2015 , 22, 1027-36	6.5	9
32	Identification of Patulin from as a Toxin for Enteric Neurons. <i>Molecules</i> , 2019 , 24,	4.8	9
31	Cytotoxicity of <i>Salvia miltiorrhiza</i> Against Multidrug-Resistant Cancer Cells. <i>The American Journal of Chinese Medicine</i> , 2016 , 44, 871-94	6	9
30	Visualizing fungicide action: an in vivo tool for rapid validation of fungicides with target location HOG pathway. <i>Pest Management Science</i> , 2019 , 75, 772-778	4.6	8
29	Native mass spectrometry-based metabolomics identifies metal-binding compounds. <i>Nature Chemistry</i> , 2021 ,	17.6	8
28	Resistance to Nano-Based Antifungals Is Mediated by Biomolecule Coronas. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 104-114	9.5	8
27	Genetics of phytopathology: Secondary metabolites as virulence determinants of fungal plant pathogens. <i>Progress in Botany Fortschritte Der Botanik</i> , 2006 , 134-161	0.6	8
26	A new member of the fusaricidin family - structure elucidation and synthesis of fusaricidin E. <i>Beilstein Journal of Organic Chemistry</i> , 2017 , 13, 1430-1438	2.5	7
25	New botrydial sesquiterpenoids from <i>Hymenoscyphus epiphyllus</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1997 , 52, 413-20	1.7	7
24	Glisoprenins C, D and E, new inhibitors of appressorium formation in <i>Magnaporthe grisea</i> , from cultures of <i>Gliocladium roseum</i> . 1. Production and biological activities. <i>Journal of Antibiotics</i> , 1998 , 51, 117-22	3.7	7
23	Promoter Activation in Bfq Mutants as an Efficient Tool for Specialized Metabolite Production Enabling Direct Bioactivity Testing. <i>Angewandte Chemie</i> , 2019 , 131, 19133-19139	3.6	6
22	Synthesis of bioactive 2-aza-analogues of ipecac and alangium alkaloids. <i>ChemMedChem</i> , 2010 , 5, 1456-647	4.7	6
21	MAP Kinase and Protein Kinase A: Dependent Mobilization of Triacylglycerol and Glycogen during Appressorium Turgor Generation by <i>Magnaporthe grisea</i> . <i>Plant Cell</i> , 2000 , 12, 1703	11.6	6
20	Species Richness, rRNA Gene Abundance, and Seasonal Dynamics of Airborne Plant-Pathogenic Oomycetes. <i>Frontiers in Microbiology</i> , 2018 , 9, 2673	5.7	5
19	Phytotoxic dioxolanones are potential virulence factors in the infection process of <i>Guignardia bidwellii</i> . <i>Scientific Reports</i> , 2017 , 7, 8926	4.9	4

18	Multistep phosphorelay in fungi: the enigma of multiple signals and a limited number of signaling pathways. <i>Mycological Progress</i> , 2017 , 16, 1007-1013	1.9	4
17	Inhibitors of appressorium formation in Magnaporthe grisea: a new approach to control rice blast disease. <i>Pest Management Science</i> , 1998 , 54, 314-316		4
16	Fatty Acids and Their Derivatives as Modulators of Appressorium Formation in Magnaporthe grisea. <i>Bioscience, Biotechnology and Biochemistry</i> , 1999 , 63, 879-83	2.1	4
15	Hunting modulators of plant defence: the grapevine trunk disease fungus Eutypa lata secretes an amplifier for plant basal immunity. <i>Journal of Experimental Botany</i> , 2020 , 71, 3710-3724	7	3
14	Signal transduction leading to appressorium formation in germinating conidia of Magnaporthe grisea: effects of second messengers diacylglycerols, ceramides and sphingomyelin. <i>FEMS Microbiology Letters</i> , 2006 , 156, 91-94	2.9	3
13	Differing Alterations of Two Esca Associated Fungi, Phaeoacremonium aleophilum and Phaeoconiella chlamydospora on Transcriptomic Level, to Co-Cultured Vitis vinifera L. calli. <i>PLoS ONE</i> , 2016 , 11, e0163344	3.7	3
12	Bioaerosols in the Amazon rain forest: temporal variations and vertical profiles of Eukarya, Bacteria, and Archaea. <i>Biogeosciences</i> , 2021 , 18, 4873-4887	4.6	3
11	The exceptionality of stress response in Magnaporthe oryzae: a set of salt stress-induced genes unique to the rice blast fungus. <i>Journal of Plant Diseases and Protection</i> , 2017 , 124, 399-402	1.5	2
10	Mechanisms of nanotoxicity - biomolecule coronas protect pathological fungi against nanoparticle-based eradication. <i>Nanotoxicology</i> , 2020 , 14, 1157-1174	5.3	2
9	Stress Biology in Fungi and Omic Approaches as Suitable Tools for Analyzing Plant-Microbe Interactions 2016 , 153-178		2
8	Drug Delivery in Plants: Targeted Drug Delivery in Plants: Enzyme-Responsive Lignin Nanocarriers for the Curative Treatment of the Worldwide Grapevine Trunk Disease Esca (Adv. Sci. 15/2019). <i>Advanced Science</i> , 2019 , 6, 1970091	13.6	1
7	Effects of Antifungal Compounds on Conidial Germination and on the Induction of Appressorium Formation of Magnaporthe grisea. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1999 , 54, 903-908	1.7	1
6	Magnaporthe oryzae as an expression host for the production of the unspecific peroxygenase AaeUPO from the basidiomycete Agrocybe aegerita.. <i>MicrobiologyOpen</i> , 2021 , 10, e1229	3.4	1
5	Secondary Metabolites of Fungal Vine Pathogens 2017 , 165-185		0
4	Reactive Layer Assembly Sustains an Interlocked Structure in Green Processed and Scalable High-Performance Layered Wood. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 15744-15754	8.3	0
3	Anti-phytopathogen terpenoid glycosides from the root bark of Chytranthus macrobotrys and Radlkofera calodendron. <i>Phytochemistry</i> , 2021 , 188, 112797	4	0
2	Identification of Fungicide Targets in Pathogenic Fungi 2009 , 233-245		
1	Rücktitelbild: Promoter Activation in Bfq Mutants as an Efficient Tool for Specialized Metabolite Production Enabling Direct Bioactivity Testing (Angew. Chem. 52/2019). <i>Angewandte Chemie</i> , 2019 , 131, 19288-19288	3.6	

