

# Philipp Wiemann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6215740/publications.pdf>

Version: 2024-02-01

35  
papers

3,401  
citations

318942

23  
h-index

425179

34  
g-index

36  
all docs

36  
docs citations

36  
times ranked

4750  
citing authors

#	ARTICLE	IF	CITATIONS
1	The sexual spore pigment asperthecin is required for normal ascospore production and protection from UV light in <i>Aspergillus nidulans</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2021, 48, .	1.4	2
2	Secreted Secondary Metabolites Reduce Bacterial Wilt Severity of Tomato in Bacterial–Fungal Co-Infections. <i>Microorganisms</i> , 2021, 9, 2123.	1.6	4
3	Identification of the Antifungal Metabolite Chaetoglobosin P From <i>Discosia rubi</i> Using a <i>Cryptococcus neoformans</i> Inhibition Assay: Insights Into Mode of Action and Biosynthesis. <i>Frontiers in Microbiology</i> , 2020, 11, 1766.	1.5	4
4	Acrophiarin (antibiotic S31794 /FA1) from <i>Penicillium arenicola</i> shares biosynthetic features with both <i>Aspergillus</i> and <i>Leotiomyce</i> type echinocandins. <i>Environmental Microbiology</i> , 2020, 22, 2292-2311.	1.8	5
5	Gastrointestinal microbiota alteration induced by <i>Mucor circinelloides</i> in a murine model. <i>Journal of Microbiology</i> , 2019, 57, 509-520.	1.3	18
6	Abstract 998: HEx: A computational and synthetic biology platform applied to oncology drug discovery. , 2019, , .		0
7	CoIN: co-inducible nitrate expression system for secondary metabolites in <i>Aspergillus nidulans</i> . <i>Fungal Biology and Biotechnology</i> , 2018, 5, 6.	2.5	29
8	A possible role for fumagillin in cellular damage during host infection by <i>Aspergillus fumigatus</i> . <i>Virulence</i> , 2018, 9, 1548-1561.	1.8	37
9	Conserved Responses in a War of Small Molecules between a Plant-Pathogenic Bacterium and Fungi. <i>MBio</i> , 2018, 9, .	1.8	73
10	A Bcl-2 Associated Athanogene ( <i>bagA</i> ) Modulates Sexual Development and Secondary Metabolism in the Filamentous Fungus <i>Aspergillus nidulans</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 1316.	1.5	13
11	Contribution of ATPase copper transporters in animal but not plant virulence of the crossover pathogen <i>Aspergillus flavus</i> . <i>Virulence</i> , 2018, 9, 1273-1286.	1.8	29
12	<i>Aspergillus fumigatus</i> Copper Export Machinery and Reactive Oxygen Intermediate Defense Counter Host Copper-Mediated Oxidative Antimicrobial Offense. <i>Cell Reports</i> , 2017, 19, 1008-1021.	2.9	95
13	Revitalization of a Forward Genetic Screen Identifies Three New Regulators of Fungal Secondary Metabolism in the Genus <i>Aspergillus</i> . <i>MBio</i> , 2017, 8, .	1.8	47
14	Drivers of genetic diversity in secondary metabolic gene clusters within a fungal species. <i>PLoS Biology</i> , 2017, 15, e2003583.	2.6	187
15	TrpE feedback mutants reveal roadblocks and conduits toward increasing secondary metabolism in <i>Aspergillus fumigatus</i> . <i>Fungal Genetics and Biology</i> , 2016, 89, 102-113.	0.9	24
16	The art of design. <i>Fungal Genetics and Biology</i> , 2016, 89, 1-2.	0.9	5
17	Enhancing Nonribosomal Peptide Biosynthesis in Filamentous Fungi. <i>Methods in Molecular Biology</i> , 2016, 1401, 149-160.	0.4	12
18	Evolution of Chemical Diversity in a Group of Non-Reduced Polyketide Gene Clusters: Using Phylogenetics to Inform the Search for Novel Fungal Natural Products. <i>Toxins</i> , 2015, 7, 3572-3607.	1.5	27

#	ARTICLE	IF	CITATIONS
19	Genetic engineering, high resolution mass spectrometry and nuclear magnetic resonance spectroscopy elucidate the bikaverin biosynthetic pathway in <i>Fusarium fujikuroi</i> . <i>Fungal Genetics and Biology</i> , 2015, 84, 26-36.	0.9	27
20	An update to polyketide synthase and non-ribosomal synthetase genes and nomenclature in <i>Fusarium</i> . <i>Fungal Genetics and Biology</i> , 2015, 75, 20-29.	0.9	123
21	Minimum Information about a Biosynthetic Gene cluster. <i>Nature Chemical Biology</i> , 2015, 11, 625-631.	3.9	715
22	Perturbations in small molecule synthesis uncovers an iron-responsive secondary metabolite network in <i>Aspergillus fumigatus</i> . <i>Frontiers in Microbiology</i> , 2014, 5, 530.	1.5	59
23	Illumina identification of RsrA, a conserved C2H2 transcription factor coordinating the NapA mediated oxidative stress signaling pathway in <i>Aspergillus</i> . <i>BMC Genomics</i> , 2014, 15, 1011.	1.2	25
24	Strategies for mining fungal natural products. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014, 41, 301-313.	1.4	168
25	Genetic Manipulation of the <i>Fusarium fujikuroi</i> Fusarin Gene Cluster Yields Insight into the Complex Regulation and Fusarin Biosynthetic Pathway. <i>Chemistry and Biology</i> , 2013, 20, 1055-1066.	6.2	107
26	Deciphering the Cryptic Genome: Genome-wide Analyses of the Rice Pathogen <i>Fusarium fujikuroi</i> Reveal Complex Regulation of Secondary Metabolism and Novel Metabolites. <i>PLoS Pathogens</i> , 2013, 9, e1003475.	2.1	406
27	Prototype of an intertwined secondary-metabolite supercluster. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17065-17070.	3.3	174
28	A Sensing Role of the Glutamine Synthetase in the Nitrogen Regulation Network in <i>Fusarium fujikuroi</i> . <i>PLoS ONE</i> , 2013, 8, e80740.	1.1	26
29	Biosynthesis of Fusarubins Accounts for Pigmentation of <i>Fusarium fujikuroi</i> Perithecia. <i>Applied and Environmental Microbiology</i> , 2012, 78, 4468-4480.	1.4	169
30	New Approach via Gene Knockout and Single-Step Chemical Reaction for the Synthesis of Isotopically Labeled Fusarin C as an Internal Standard for the Analysis of this <i>Fusarium</i> Mycotoxin in Food and Feed Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 8350-8355.	2.4	18
31	Lae1 regulates expression of multiple secondary metabolite gene clusters in <i>Fusarium verticillioides</i> . <i>Fungal Genetics and Biology</i> , 2012, 49, 602-612.	0.9	114
32	Genetic evidence for natural product-mediated plant-plant allelopathy in rice ( <i>Oryza sativa</i> ). <i>New Phytologist</i> , 2012, 193, 570-575.	3.5	146
33	The Sfp-Type 4 <sup>+</sup> -Phosphopantetheinyl Transferase Ppt1 of <i>Fusarium fujikuroi</i> Controls Development, Secondary Metabolism and Pathogenicity. <i>PLoS ONE</i> , 2012, 7, e37519.	1.1	59
34	FfVel1 and FfLae1, components of a velvet-like complex in <i>Fusarium fujikuroi</i> , affect differentiation, secondary metabolism and virulence. <i>Molecular Microbiology</i> , 2010, 77, 972-994.	1.2	234
35	Biosynthesis of the red pigment bikaverin in <i>Fusarium fujikuroi</i> : genes, their function and regulation. <i>Molecular Microbiology</i> , 2009, 72, 931-946.	1.2	209