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## Diversity of Secondary Metabolism in *Aspergillus nidulans* Clinical Isolates

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#	Paper	IF	Citations
27	In the fungus where it happens: History and future propelling <i>Aspergillus nidulans</i> as the archetype of natural products research. <i>Fungal Genetics and Biology</i> , <b>2020</b> , 144, 103477	3.9	28
26	Variation Among Biosynthetic Gene Clusters, Secondary Metabolite Profiles, and Cards of Virulence Across Species. <i>Genetics</i> , <b>2020</b> , 216, 481-497	4	19
25	Random Mutagenesis of Filamentous Fungi Strains for High-Yield Production of Secondary Metabolites: The Role of Polyamines.		
24	Microevolution in the pansecondary metabolome of and its potential macroevolutionary implications for filamentous fungi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	8
23	Functions of PUF Family RNA-Binding Proteins in. <i>Journal of Microbiology and Biotechnology</i> , <b>2021</b> , 31, 676-685	3.3	1
22	An interpreted atlas of biosynthetic gene clusters from 1,000 fungal genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	27
21	Comparative Genomics of Eight Strains with Contrasting Aggressiveness Reveals an Expanded Open Pangenome and Extended Effector Content Signatures. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
20	Secondary metabolite biosynthetic diversity in the fungal family and. <i>Studies in Mycology</i> , <b>2021</b> , 99, 1001182	11.2	6
19	Climate-specific biosynthetic gene clusters in populations of a lichen-forming fungus. <i>Environmental Microbiology</i> , <b>2021</b> , 23, 4260-4275	5.2	3
18	Comparison of Two Genomes From Different Clades Reveals Independent Evolution of Alpha-Amylase Duplication, Variation in Secondary Metabolism Genes, and Differences in Primary Metabolism. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 691296	5.7	2
17	Transcription Factor Repurposing Offers Insights into Evolution of Biosynthetic Gene Cluster Regulation. <i>MBio</i> , <b>2021</b> , 12, e0139921	7.8	2
16	Presence, Mode of Action, and Application of Pathway Specific Transcription Factors in Biosynthetic Gene Clusters. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	6
15	and aspergillosis: From basics to clinics. <i>Studies in Mycology</i> , <b>2021</b> , 100, 100115	22.2	22
14	Depside and Depsidone Synthesis in Lichenized Fungi Comes into Focus through a Genome-Wide Comparison of the Olivetoric Acid and Physodic Acid Chemotypes of. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	5
13	Fumagillin Contributes to Host Cell Damage. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,	5.6	
12	Advances, challenges, and opportunities in DNA sequencing technology. <b>2022</b> , 31-43		
11	Advances in mining and expressing microbial biosynthetic gene clusters.. <i>Critical Reviews in Microbiology</i> , <b>2022</b> , 1-20	7.8	

10	Robust Profiling of Cytochrome P450s (P450ome) in Notable spp.. <i>Life</i> , <b>2022</b> , 12,	3	3
9	Old and modern antibiotic structures with potential for today's infections.. <i>ADMET and DMPK</i> , <b>2022</b> , 10, 131-146	1.3	2
8	Comprehensive Guide to Extracting and Expressing Fungal Secondary Metabolites with <i>Aspergillus fumigatus</i> as a Case Study.. <i>Current Protocols</i> , <b>2021</b> , 1, e321		0
7	Secondary Metabolism Gene Clusters Exhibit Increasingly Dynamic and Differential Expression during Asexual Growth, Conidiation, and Sexual Development in <i>Neurospora crassa</i> . <i>MSystems</i> ,	7.6	
6	Improving candidate Biosynthetic Gene Clusters in fungi through reinforcement learning. <i>Bioinformatics</i> ,	7.2	0
5	A genomic journey in the secondary metabolite diversity of fungal plant and insect pathogens: from functional to population genomics. <i>Current Opinion in Microbiology</i> , <b>2022</b> , 69, 102178	7.9	0
4	Fungal antibiotics control bacterial community diversity in the cheese rind microbiome.		0
3	Whole genome sequence characterization of <i>Aspergillus terreus</i> ATCC 20541 and genome comparison of the fungi <i>A. terreus</i> . <b>2023</b> , 13,		0
2	<i>Aspergillus</i> co-cultures: A recent insight into their secondary metabolites and microbial interactions.		0
1	Exploring the roles of fungal-derived secondary metabolites in plant-fungal interactions. <b>2023</b> , 125, 102021		0