

# Bo Huang

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

412  
citations

759233

12  
h-index

794594

19  
g-index

29  
all docs

29  
docs citations

29  
times ranked

367  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative transcriptomic analysis of the heat stress response in the filamentous fungus <i>Metarhizium anisopliae</i> using RNA-Seq. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 5589-5597.	3.6	48
2	Dicer and Argonaute Genes Involved in RNA Interference in the Entomopathogenic Fungus <i>Metarhizium robertsii</i> . <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	40
3	DNA methyltransferases contribute to the fungal development, stress tolerance and virulence of the entomopathogenic fungus <i>Metarhizium robertsii</i> . <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 4215-4226.	3.6	40
4	A taxonomic revision of the genus <i>Conidiobolus</i> (Ancylistaceae, Entomophthorales): four clades including three new genera. <i>MycKeys</i> , 2020, 66, 55-81.	1.9	32
5	Mitochondrial genome of the entomophthoroid fungus <i>Conidiobolus heterosporus</i> provides insights into evolution of basal fungi. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 1379-1391.	3.6	31
6	iTRAQ-based quantitative proteomic analysis of conidia and mycelium in the filamentous fungus <i>Metarhizium robertsii</i> . <i>Fungal Biology</i> , 2018, 122, 651-658.	2.5	23
7	Differential Functions of Two Metalloproteases, Mrmep1 and Mrmep2, in Growth, Sporulation, Cell Wall Integrity, and Virulence in the Filamentous Fungus <i>Metarhizium robertsii</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 1528.	3.5	22
8	Genome-Wide Identification and Functional Prediction of Long Non-coding RNAs Involved in the Heat Stress Response in <i>Metarhizium robertsii</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2336.	3.5	18
9	MrArk1, an actin-regulating kinase gene, is required for endocytosis and involved in sustaining conidiation capacity and virulence in <i>Metarhizium robertsii</i> . <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 4859-4868.	3.6	16
10	G-Protein Subunit G $\alpha$ i in Mitochondria, MrGPA1, Affects Conidiation, Stress Resistance, and Virulence of Entomopathogenic Fungus <i>Metarhizium robertsii</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 1251.	3.5	16
11	The APSES Gene MrStuA Regulates Sporulation in <i>Metarhizium robertsii</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 1208.	3.5	15
12	The Intermediates in Branched-Chain Amino Acid Biosynthesis Are Indispensable for Conidial Germination of the Insect-Pathogenic Fungus <i>Metarhizium robertsii</i> . <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	13
13	A new species of <i>Conidiobolus</i> ( <i>Ancylistaceae</i> ) from Anhui, China. <i>Mycotaxon</i> , 2012, 120, 427-435.	0.3	12
14	Two new species of <i>Conidiobolus</i> occurring in Anhui, China. <i>Mycological Progress</i> , 2018, 17, 1203-1211.	1.4	12
15	MrSVP, a secreted virulence-associated protein, contributes to thermotolerance and virulence of the entomopathogenic fungus <i>Metarhizium robertsii</i> . <i>BMC Microbiology</i> , 2019, 19, 25.	3.3	10
16	Molecular cloning of a novel subtilisin-like protease (Pr1A) gene from the biocontrol fungus <i>Isaria farinosa</i> . <i>Applied Entomology and Zoology</i> , 2013, 48, 477-487.	1.2	9
17	The Polyubiquitin Gene MrUBI4 Is Required for Conidiation, Conidial Germination, and Stress Tolerance in the Filamentous Fungus <i>Metarhizium robertsii</i> . <i>Genes</i> , 2019, 10, 412.	2.4	7
18	DNM1, a Dynamin-Related Protein That Contributes to Endocytosis and Peroxisome Fission, Is Required for the Vegetative Growth, Sporulation, and Virulence of <i>Metarhizium robertsii</i> . <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	6

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19	The G-protein coupled receptor GPRK contributes to fungal development and full virulence in <i>Metarhizium robertsii</i> . <i>Journal of Invertebrate Pathology</i> , 2021, 183, 107627.	3.2	6
20	MrPEX33 is involved in infection-related morphogenesis and pathogenicity of <i>Metarhizium robertsii</i> . <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 1079-1090.	3.6	5
21	Complete mitochondrial genome of <i>Neoconidiobolus thromboides</i> (Entomophthorales:) Tj ETQq1 1 0.784314 rgBT /Overlock_10 Tf 50	0.4	5
22	Genome-wide study of saprotrophy-related genes in the basal fungus <i>Conidiobolus heterosporus</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 6261-6272.	3.6	5
23	The Gene Rearrangement, Loss, Transfer, and Deep Intronic Variation in Mitochondrial Genomes of <i>Conidiobolus</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 765733.	3.5	5
24	The complete mitochondrial genome of <i>Microconidiobolus nodosus</i> (Entomophthorales: Ancylistaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 1743-1744.	0.4	4
25	A morphological and molecular survey of <i>Neoconidiobolus</i> reveals a new species and two new combinations. <i>Mycological Progress</i> , 2021, 20, 1233-1241.	1.4	4
26	The complete mitochondrial genome of <i>Linnemannia amoeboidea</i> (W. Gams) Vandepol & Bonito (Mortierellales: Mortierellaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2022, 7, 374-376.	0.4	3
27	Functional Analysis of Keto-Acid Reductoisomerase ILVC in the Entomopathogenic Fungus <i>Metarhizium robertsii</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 737.	3.5	2
28	The Deubiquitinating Enzyme MrUbp14 Is Involved in Conidiation, Stress Response, and Pathogenicity in <i>Metarhizium robertsii</i> . <i>Frontiers in Fungal Biology</i> , 2022, 3, .	2.0	1