

Yongjun Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,285
citations

430874

18
h-index

501196

28
g-index

28
all docs

28
docs citations

28
times ranked

889
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloning of <i>Beauveria bassiana</i> Chitinase Gene <i>Bbchit1</i> and Its Application To Improve Fungal Strain Virulence. <i>Applied and Environmental Microbiology</i> , 2005, 71, 363-370.	3.1	278
2	<i>Agrobacterium tumefaciens</i> -mediated transformation of <i>Beauveria bassiana</i> using an herbicide resistance gene as a selection marker. <i>Journal of Invertebrate Pathology</i> , 2004, 85, 18-24.	3.2	157
3	Mitogen-Activated Protein Kinase <i>hog1</i> in the Entomopathogenic Fungus <i>Beauveria bassiana</i> Regulates Environmental Stress Responses and Virulence to Insects. <i>Applied and Environmental Microbiology</i> , 2009, 75, 3787-3795.	3.1	143
4	Expressing a fusion protein with protease and chitinase activities increases the virulence of the insect pathogen <i>Beauveria bassiana</i> . <i>Journal of Invertebrate Pathology</i> , 2009, 102, 155-159.	3.2	131
5	The MAP kinase <i>Bbslt2</i> controls growth, conidiation, cell wall integrity, and virulence in the insect pathogenic fungus <i>Beauveria bassiana</i> . <i>Fungal Genetics and Biology</i> , 2012, 49, 544-555.	2.1	81
6	Requirement of a Mitogen-Activated Protein Kinase for Appressorium Formation and Penetration of Insect Cuticle by the Entomopathogenic Fungus <i>Beauveria bassiana</i> . <i>Applied and Environmental Microbiology</i> , 2010, 76, 2262-2270.	3.1	67
7	The PacC transcription factor regulates secondary metabolite production and stress response, but has only minor effects on virulence in the insect pathogenic fungus <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , 2017, 19, 788-802.	3.8	48
8	<i>Bmsn2</i> acts as a pH-dependent negative regulator of secondary metabolite production in the entomopathogenic fungus <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , 2015, 17, 1189-1202.	3.8	41
9	Effects of nitrogen availability on polyamic acid biosynthesis in the yeast-like fungus <i>Aureobasidium pullulans</i> . <i>Microbial Cell Factories</i> , 2016, 15, 146.	4.0	31
10	MADS-box transcription factor <i>Mcm1</i> controls cell cycle, fungal development, cell integrity and virulence in the filamentous insect pathogenic fungus <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , 2019, 21, 3392-3416.	3.8	30
11	Pest management via endophytic colonization of tobacco seedlings by the insect fungal pathogen <i>Beauveria bassiana</i> . <i>Pest Management Science</i> , 2021, 77, 2007-2018.	3.4	26
12	Multifunctional role of a fungal pathogen-secreted laccase 2 in evasion of insect immune defense. <i>Environmental Microbiology</i> , 2021, 23, 1256-1274.	3.8	26
13	An improved method for <i>Beauveria bassiana</i> transformation using phosphinothricin acetyltransferase and green fluorescent protein fusion gene as a selectable and visible marker. <i>Biotechnology Letters</i> , 2008, 30, 1379-1383.	2.2	25
14	Interplay between calcineurin and the <i>Slr2</i> MAP-kinase in mediating cell wall integrity, conidiation and virulence in the insect fungal pathogen <i>Beauveria bassiana</i> . <i>Fungal Genetics and Biology</i> , 2015, 83, 78-91.	2.1	25
15	An aldo-keto reductase, <i>Bbakr1</i> , is involved in stress response and detoxification of heavy metal chromium but not required for virulence in the insect fungal pathogen, <i>Beauveria bassiana</i> . <i>Fungal Genetics and Biology</i> , 2018, 111, 7-15.	2.1	24
16	Correlation of cell surface proteins of distinct <i>Beauveria bassiana</i> cell types and adaption to varied environment and interaction with the host insect. <i>Fungal Genetics and Biology</i> , 2017, 99, 13-25.	2.1	22
17	A novel mitochondrial membrane protein, <i>O_{hmm}</i> , limits fungal oxidative stress resistance and virulence in the insect fungal pathogen <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , 2015, 17, 4213-4238.	3.8	21
18	Comparative transcriptome and gene co-expression network analysis reveal genes and signaling pathways adaptively responsive to varied adverse stresses in the insect fungal pathogen, <i>Beauveria bassiana</i> . <i>Journal of Invertebrate Pathology</i> , 2018, 151, 169-181.	3.2	20

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19	Dissection of the contributions of cyclophilin genes to development and virulence in a fungal insect pathogen. <i>Environmental Microbiology</i> , 2016, 18, 3812-3826.	3.8	15
20	The <i>Beauveria bassiana</i> Gas3 Î²-Glucanoyltransferase Contributes to Fungal Adaptation to Extreme Alkaline Conditions. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	14
21	The Thm1 Zn(II) ₂ Cys ₆ transcription factor contributes to heat, membrane integrity and virulence in the insect pathogenic fungus <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , 2019, 21, 3153-3171.	3.8	13
22	The fungal mitochondrial membrane protein, BbOhmm, antagonistically controls hypoxia tolerance. <i>Environmental Microbiology</i> , 2020, 22, 2514-2535.	3.8	10
23	A secretory phospholipase A2 of a fungal pathogen contributes to lipid droplet homeostasis, assimilation of insect-derived lipids, and repression of host immune responses. <i>Insect Science</i> , 2022, 29, 1685-1702.	3.0	8
24	A novel transcription factor negatively regulates antioxidant response, cell wall integrity and virulence in the fungal insect pathogen, <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , 2021, 23, 4908-4924.	3.8	7
25	DsRNAs spray enhanced the virulence of entomopathogenic fungi <i>Beauveria bassiana</i> in aphid control. <i>Journal of Pest Science</i> , 2023, 96, 241-251.	3.7	7
26	The C-terminal MIR-containing region in the Pmt1 O-mannosyltransferase restrains sporulation and is dispensable for virulence in <i>Beauveria bassiana</i> . <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 1143-1161.	3.6	6
27	Participation of a MADS-box transcription factor, Mb1, in regulation of the biocontrol potential in an insect fungal pathogen. <i>Journal of Invertebrate Pathology</i> , 2020, 170, 107335.	3.2	5
28	Effects of chitin binding domain on enzymatic properties and insecticidal activity of <i>Bombyx mori</i> chitinase. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 1551-1558.	3.6	4