Ming-Guang Feng

List of Publications by Year
in descending order

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Version: 2024-02-01

208 papers	7,125 citations	57719 44 h-index	85498 71 g-index
208 all docs	208 docs citations	208 times ranked	3948 citing authors

#	Article	IF	Citations
1	Genome Sequencing and Comparative Transcriptomics of the Model Entomopathogenic Fungi Metarhizium anisopliae and M. acridum. PLoS Genetics, 2011, 7, e1001264.	1.5	542
2	Genomic perspectives on the evolution of fungal entomopathogenicity in Beauveria bassiana. Scientific Reports, 2012, 2, 483.	1.6	512
3	Bifunctional enhancement of a Î²-glucanase-xylanase fusion enzyme by optimization of peptide linkers. Applied Microbiology and Biotechnology, 2008, 79, 579-587.	1.7	147
4	Additive Contributions of Two Manganese-Cored Superoxide Dismutases (MnSODs) to Antioxidation, UV Tolerance and Virulence of Beauveria bassiana. PLoS ONE, 2012, 7, e30298.	1.1	126
5	Advances in fundamental and applied studies in China of fungal biocontrol agents for use against arthropod pests. Biological Control, 2014, 68, 129-135.	1.4	125
6	Catalases play differentiated roles in the adaptation of a fungal entomopathogen to environmental stresses. Environmental Microbiology, 2013, 15, 409-418.	1.8	108
7	Characterization of Chimeric Bacillus thuringiensis Vip3 Toxins. Applied and Environmental Microbiology, 2007, 73, 956-961.	1.4	106
8	Novel blastospore-based transformation system for integration of phosphinothricin resistance and green fluorescence protein genes into Beauveria bassiana. Applied Microbiology and Biotechnology, 2006, 72, 206-210.	1.7	95
9	Survey of Entomopathogenic Fungi Naturally Infecting Cereal Aphids (Homoptera: Aphididae) of Irrigated Grain Crops in Southwestern Idaho. Environmental Entomology, 1990, 19, 1534-1542.	0.7	93
10	Lethal effect of Beauveria bassiana, Metarhizium anisopliae, and Paecilomyces fumosoroseus on the eggs of Tetranychus cinnabarinus (Acari: Tetranychidae) with a description of a mite egg bioassay system. Biological Control, 2004, 30, 165-173.	1.4	93
11	Antioxidant enzymes and their contributions to biological control potential of fungal insect pathogens. Applied Microbiology and Biotechnology, 2018, 102, 4995-5004.	1.7	91
12	Systematic validation of predicted microRNAs for cyclin D1. BMC Cancer, 2009, 9, 194.	1.1	84
13	Natural Control of Cereal Aphids (Homoptera: Aphididae) by Entomopathogenic Fungi (Zygomycetes:) Tj ETQq1 1 0.784314 rgBT /Over Wheat in Southwestern Idaho. Environmental Entomology, 1991, 20, 1699-1710.	0.7	80
14	Modeling and Biological Implication of Timeâ€“Doseâ€“Mortality Data for the Entomophthoralean Fungus,Zoophthora anhuiensis,on the Green Peach AphidMyzus persicae. Journal of Invertebrate Pathology, 1998, 72, 246-251.	1.5	76
15	Field trials of an oil-based emulsifiable formulation of Beauveria bassiana conidia and low application rates of imidacloprid for control of false-eye leafhopper Empoasca vitis on tea in southern China. Crop Protection, 2004, 23, 489-496.	1.0	73
16	New Solid-State Fermentation Chamber for Bulk Production of Aerial Conidia of Fungal Biocontrol Agents on Rice. Biotechnology Letters, 2006, 28, 799-804.	1.1	72
17	Comparative Tolerances of Various Beauveria bassiana Isolates to UV-B Irradiation with a Description of a Modeling Method to Assess Lethal Dose. Mycopathologia, 2009, 168, 145-152.	1.3	71
18	Insight into the transcriptional regulation of Msn2 required for conidiation, multi-stress responses and virulence of two entomopathogenic fungi. Fungal Genetics and Biology, 2013, 54, 42-51.	0.9	70

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19	Intraspecific tolerance of Metarhizium anisopliae conidia to the upper thermal limits of summer with a description of a quantitative assay system. Mycological Research, 2009, 113, 93-99.	2.5	68
20	WetA and VosA are distinct regulators of conidiation capacity, conidial quality, and biological control potential of a fungal insect pathogen. Applied Microbiology and Biotechnology, 2015, 99, 10069-10081.	1.7	68
21	Mas5, a homologue of bacterial <scp>DnaJ</scp>, is indispensable for the host infection and environmental adaptation of a filamentous fungal insect pathogen. Environmental Microbiology, 2016, 18, 1037-1047.	1.8	66
22	Characterization of the Hog1 MAPK pathway in the entomopathogenic fungus Beauveria bassiana. Environmental Microbiology, 2017, 19, 1808-1821.	1.8	66
23	BrlA and AbaA Govern Virulence-Required Dimorphic Switch, Conidiation, and Pathogenicity in a Fungal Insect Pathogen. MSystems, 2019, 4, .	1.7	65
24	Insights into regulatory roles of MAPK-cascaded pathways in multiple stress responses and life cycles of insect and nematode mycopathogens. Applied Microbiology and Biotechnology, 2019, 103, 577-587.	1.7	61
25	A new manganese superoxide dismutase identified from Beauveria bassiana enhances virulence and stress tolerance when overexpressed in the fungal pathogen. Applied Microbiology and Biotechnology, 2010, 86, 1543-1553.	1.7	60
26	Integration of Insecticidal Protein Vip3Aa1 into Beauveria bassiana Enhances Fungal Virulence to Spodoptera litura Larvae by Cuticle and Per Os Infection. Applied and Environmental Microbiology, 2010, 76, 4611-4618.	1.4	60
27	Subtilisin-like Pr1 proteases marking the evolution of pathogenicity in a wide-spectrum insect-pathogenic fungus. Virulence, 2020, 11, 365-380.	1.8	60
28	Rapid production of maggots as feed supplement and organic fertilizer by the two-stage composting of pig manure. Bioresource Technology, 2012, 116, 485-491.	4.8	59
29	Distinct contributions of one Fe- and two Cu/Zn-cofactored superoxide dismutases to antioxidation, UV tolerance and virulence of Beauveria bassiana. Fungal Genetics and Biology, 2015, 81, 160-171.	0.9	59
30	Primary roles of two dehydrogenases in the mannitol metabolism and multiâ€stress tolerance of entomopathogenic fungus Beauveria bassiana. Environmental Microbiology, 2012, 14, 2139-2150.	1.8	58
31	Three Mitogen-Activated Protein Kinases Required for Cell Wall Integrity Contribute Greatly to Biocontrol Potential of a Fungal Entomopathogen. PLoS ONE, 2014, 9, e87948.	1.1	58
32	Field efficacy of application of Beauveria bassiana formulation and low rate pyridaben for sustainable control of citrus red mite Panonychus citri (Acari: Tetranychidae) in orchards. Biological Control, 2006, 39, 210-217.	1.4	57
33	The autophagy gene BbATG5, involved in the formation of the autophagosome, contributes to cell differentiation and growth but is dispensable for pathogenesis in the entomopathogenic fungus Beauveria bassiana. Microbiology (United Kingdom), 2013, 159, 243-252.	0.7	57
34	Relative Virulence of Six Isolates of Beauveria bassiana on Diuraphis noxia (Homoptera: Aphididae). Environmental Entomology, 1990, 19, 785-790.	0.7	56
35	Wide dispersal of aphid-pathogenic Entomophthorales among aphids relies upon migratory alates. Environmental Microbiology, 2004, 6, 510-516.	1.8	56
36	Impact of three application methods on the field efficacy of a Beauveria bassiana-based mycoinsecticide against the false-eye leafhopper, Empoasca vitis (Homoptera: Cicadellidae) in the tea canopy. Crop Protection, 2005, 24, 167-175.	1.0	55

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37	Virulence of Verticillium lecanii and an Aphid-Derived Isolate of Beauveria bassiana (Fungi:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Entomology, 1990, 19, 815-820.	0.7	54
38	A carbon responsive <scp>G</scp>â€protein coupled receptor modulates broad developmental and genetic networks in the entomopathogenic fungus, <scp>B</scp>eauveria bassiana. Environmental Microbiology, 2013, 15, 2902-2921.	1.8	54
39	Construction and characterization of a bifunctional fusion enzyme ofBacillus-sourced ÃŽÂ²-glucanase and xylanase expressed inEscherichia coli. FEMS Microbiology Letters, 2006, 261, 224-230.	0.7	52
40	The autophagy-related genes BbATG1 and BbATG8 have different functions in differentiation, stress resistance and virulence of mycopathogen Beauveria bassiana. Scientific Reports, 2016, 6, 26376.	1.6	50
41	Aphid dispersal flight disseminates fungal pathogens and parasitoids as natural control agents of aphids. Ecological Entomology, 2007, 32, 97-104.	1.1	49
42	In vitro and in vivo responses of fungal biocontrol agents to gradient doses of UV-B and UV-A irradiation. BioControl, 2010, 55, 413-422.	0.9	48
43	A cuticle-degrading protease (CDEP-1) ofBeauveria bassianaenhances virulence. Biocontrol Science and Technology, 2008, 18, 543-555.	0.5	47
44	Differentiated functions of <scp><scp>Ras1</scp></scp> and <scp><scp>Ras2</scp></scp> proteins in regulating the germination, growth, conidiation, multiâ€stress tolerance and virulence of <scp>B</scp>eauveria bassiana. Environmental Microbiology, 2013, 15, 447-462.	1.8	46
45	Time-concentration-mortality modeling of the synergistic interaction ofBeauveria bassiana and imidacloprid againstNilaparvata lugens. Pest Management Science, 2005, 61, 363-370.	1.7	44
46	BbSNF1 contributes to cell differentiation, extracellular acidification, and virulence in Beauveria bassiana, a filamentous entomopathogenic fungus. Applied Microbiology and Biotechnology, 2014, 98, 8657-8673.	1.7	44
47	The role of three calcineurin subunits and a related transcription factor (Crz1) in conidiation, multistress tolerance and virulence in Beauveria bassiana. Applied Microbiology and Biotechnology, 2015, 99, 827-840.	1.7	44
48	Physiological implication of intracellular trehalose and mannitol changes in response of entomopathogenic fungus Beauveria bassiana to thermal stress. Antonie Van Leeuwenhoek, 2009, 95, 65-75.	0.7	42
49	<scp>W</scp>ee1 and <scp>Cdc</scp>25 control morphogenesis, virulence and multistress tolerance of <scp>B</scp>eauveria bassiana by balancing cell cycleâ€required cyclinâ€dependent kinase 1 activity. Environmental Microbiology, 2015, 17, 1119-1133.	1.8	42
50	Insight into vital role of autophagy in sustaining biological control potential of fungal pathogens against pest insects and nematodes. Virulence, 2019, 10, 429-437.	1.8	41
51	Bioassay of Four Entomophthoralean Fungi (Entomophthorales) Against Diuraphis noxia and Metopolophium dirhodum (Homoptera: Aphididae). Environmental Entomology, 1991, 20, 338-345.	0.7	40
52	Multi-sited mutations of beta-tubulin are involved in benzimidazole resistance and thermotolerance of fungal biocontrol agent Beauveria bassiana. Environmental Microbiology, 2006, 8, 2096-2105.	1.8	39
53	<scp>P</scp>â€type calcium <scp>ATPase</scp> functions as a core regulator of <scp>B</scp>eauveria bassiana growth, conidiation and responses to multiple stressful stimuli through crossâ€talk with signalling networks. Environmental Microbiology, 2013, 15, 967-979.	1.8	39
54	Regulative roles of glutathione reductase and four glutaredoxins in glutathione redox, antioxidant activity, and iron homeostasis of Beauveria bassiana. Applied Microbiology and Biotechnology, 2016, 100, 5907-5917.	1.7	39

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55	Daylight lengthâ€dependent translocation of VIVID photoreceptor in cells and its essential role in conidiation and virulence of Beauveria bassiana. Environmental Microbiology, 2018, 20, 169-185.	1.8	39
56	Transcriptomic analyses reveal comprehensive responses of insect hemocytes to mycopathogen Beauveria bassiana, and fungal virulence-related cell wall protein assists pathogen to evade host cellular defense. Virulence, 2020, 11, 1352-1365.	1.8	39
57	Field trials of four formulations of Beauveria bassiana and Metarhizium anisoplae for control of cotton spider mites (Acari: Tetranychidae) in the Tarim Basin of China. Biological Control, 2008, 45, 48-55.	1.4	37
58	Time-concentration-mortality responses of carmine spider mite (Acari: Tetranychidae) females to three hypocrealean fungi as biocontrol agents. Biological Control, 2008, 46, 495-501.	1.4	37
59	The transcriptional coâ€activator multiprotein bridging factor 1 from the fungal insect pathogen, <scp>B</scp>eauveria bassiana, mediates regulation of hyphal morphogenesis, stress tolerance and virulence. Environmental Microbiology, 2014, 16, 1879-1897.	1.8	37
60	Discovery of a new intravacuolar protein required for the autophagy, development and virulence of Beauveria bassiana. Environmental Microbiology, 2017, 19, 2806-2818.	1.8	37
61	Pleiotropic effects of the histone deacetylase Hos2 linked to H4-K16 deacetylation, H3-K56 acetylation, and H2A-S129 phosphorylation in Beauveria bassiana. Cellular Microbiology, 2018, 20, e12839.	1.1	37
62	Autophagyâ€related gene BbATG11 is indispensable for pexophagy and mitophagy, and contributes to stress response, conidiation and virulence in the insect mycopathogen Beauveria bassiana. Environmental Microbiology, 2018, 20, 3309-3324.	1.8	37
63	Genome-Wide Host-Pathogen Interaction Unveiled by Transcriptomic Response of Diamondback Moth to Fungal Infection. PLoS ONE, 2016, 11, e0152908.	1.1	36
64	Two eisosome proteins play opposite roles in autophagic control and sustain cell integrity, function and pathogenicity in Beauveria bassiana. Environmental Microbiology, 2017, 19, 2037-2052.	1.8	36
65	Time and concentration dependent interactions of Beauveria bassiana with sublethal rates of imidacloprid against the aphid pests Macrosiphoniellasanborni and Myzus persicae. Annals of Applied Biology, 2005, 146, 459-468.	1.3	35
66	Evaluation of the biocontrol potential of various Metarhizium isolates against green peach aphid Myzus persicae (Homoptera: Aphididae). Pest Management Science, 2010, 66, 669-675.	1.7	35
67	Three Î±-1,2-mannosyltransferases contribute differentially to conidiation, cell wall integrity, multistress tolerance and virulence of Beauveria bassiana. Fungal Genetics and Biology, 2014, 70, 1-10.	0.9	35
68	Two Photolyases Repair Distinct DNA Lesions and Reactivate UVB-Inactivated Conidia of an Insect Mycopathogen under Visible Light. Applied and Environmental Microbiology, 2019, 85, .	1.4	35
69	Essential role of Rpd3â€dependent lysine modification in the growth, development and virulence of Beauveria bassiana. Environmental Microbiology, 2018, 20, 1590-1606.	1.8	34
70	The combination of glycerol metabolic engineering and drug resistance marker-aided genome shuffling to improve very-high-gravity fermentation performances of industrial Saccharomyces cerevisiae. Bioresource Technology, 2012, 108, 203-210.	4.8	33
71	Analysis of Whitefly Transcriptional Responses to Beauveria bassiana Infection Reveals New Insights into Insect-Fungus Interactions. PLoS ONE, 2013, 8, e68185.	1.1	33
72	Phytochrome controls conidiation in response to red/farâ€red light and daylight length and regulates multistress tolerance in <scp>B</scp>eauveria bassiana. Environmental Microbiology, 2014, 16, 2316-2328.	1.8	33

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73	Subcellular localization of five singular <scp>WSC</scp> domainâ€containing proteins and their roles in Beauveria bassiana responses to stress cues and metal ions. Environmental Microbiology Reports, 2016, 8, 295-304.	1.0	33
74	Effect of fungal infection on reproductive potential and survival time of Tetranychus urticae (Acari:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	32
75	Cytokinesis-required Cdc14 is a signaling hub of asexual development and multi-stress tolerance in Beauveria bassiana. Scientific Reports, 2013, 3, 3086.	1.6	32
76	HapX, an Indispensable bZIP Transcription Factor for Iron Acquisition, Regulates Infection Initiation by Orchestrating Conidial Oleic Acid Homeostasis and Cytomembrane Functionality in Mycopathogen Beauveria bassiana. MSystems, 2020, 5, .	1.7	32
77	Phenotypic and molecular insights into heat tolerance of formulated cells as active ingredients of fungal insecticides. Applied Microbiology and Biotechnology, 2020, 104, 5711-5724.	1.7	32
78	The GPI-anchored protein Ecm33 is vital for conidiation, cell wall integrity, and multi-stress tolerance of two filamentous entomopathogens but not for virulence. Applied Microbiology and Biotechnology, 2014, 98, 5517-5529.	1.7	31
79	Gcn5â€dependent histone H3 acetylation and gene activity is required for the asexual development and virulence of Beauveria bassiana. Environmental Microbiology, 2018, 20, 1484-1497.	1.8	31
80	Compatibility of ten acaricides with Beauveria bassiana and enhancement of fungal infection to Tetranychus cinnabarinus (Acari: Tetranychidae) eggs by sublethal application rates of pyridaben. Applied Entomology and Zoology, 2005, 40, 659-666.	0.6	30
81	The cellular proteome is affected by a gelsolin (BbGEL1) during morphological transitions in aerobic surface versus liquid growth in the entomopathogenic fungus Beauveria bassiana. Environmental Microbiology, 2016, 18, 4153-4169.	1.8	30
82	Molecular basis and regulatory mechanisms underlying fungal insecticides' resistance to solar ultraviolet irradiation. Pest Management Science, 2022, 78, 30-42.	1.7	29
83	Virulence of an Aphid-Derived Isolate of Beauveria bassiana (Fungi: Hyphomycetes) to the Hop Aphid, Phorodon humuli (Homoptera: Aphididae). Environmental Entomology, 1991, 20, 690-693.	0.7	27
84	Differential Contributions of Five ABC Transporters to Mutidrug Resistance, Antioxidion and Virulence of Beauveria bassiana, an Entomopathogenic Fungus. PLoS ONE, 2013, 8, e62179.	1.1	27
85	Unveiling equal importance of two 14â€3â€3 proteins for morphogenesis, conidiation, stress tolerance and virulence of an insect pathogen. Environmental Microbiology, 2015, 17, 1444-1462.	1.8	27
86	The connection of protein O-mannosyltransferase family to the biocontrol potential of Beauveria bassiana, a fungal entomopathogen. Glycobiology, 2014, 24, 638-648.	1.3	26
87	A new non-hydrophobic cell wall protein (CWP10) of Metarhizium anisopliae enhances conidial hydrophobicity when expressed in Beauveria bassiana. Applied Microbiology and Biotechnology, 2010, 85, 975-984.	1.7	25
88	Transcriptional control of fungal cell cycle and cellular events by Fkh2, a forkhead transcription factor in an insect pathogen. Scientific Reports, 2015, 5, 10108.	1.6	25
89	Subcellular localization of six thioredoxins and their antioxidant activity and contributions to biological control potential in Beauveria bassiana. Fungal Genetics and Biology, 2015, 76, 1-9.	0.9	25
90	RNA sequencing analysis identifies the metabolic and developmental genes regulated by BbSNF1 during conidiation of the entomopathogenic fungus Beauveria bassiana. Current Genetics, 2015, 61, 143-152.	0.8	25

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91	Vital role for the J-domain protein Mdj1 in asexual development, multiple stress tolerance, and virulence of Beauveria bassiana. Applied Microbiology and Biotechnology, 2017, 101, 185-195.	1.7	25
92	The histone acetyltransferase Mst2 sustains the biological control potential of a fungal insect pathogen through transcriptional regulation. Applied Microbiology and Biotechnology, 2018, 102, 1343-1355.	1.7	25
93	New use of broomcorn millets for production of granular cultures of aphid-pathogenic fungusPandora neoaphidisfor high sporulation potential and infectivity toMyzus persicae. FEMS Microbiology Letters, 2003, 227, 311-317.	0.7	24
94	The Na⁺/H⁺ antiporter Nhx1 controls vacuolar fusion indispensible for life cycles in vitro and in vivo in a fungal insect pathogen. Environmental Microbiology, 2016, 18, 3884-3895.	1.8	24
95	Evaluation of alternative rice planthopper control by the combined action of oilâ€formulated Metarhizium anisopliae and lowâ€rate buprofezin. Pest Management Science, 2011, 67, 36-43.	1.7	23
96	Photoprotective Role of Photolyase-Interacting RAD23 and Its Pleiotropic Effect on the Insect-Pathogenic Fungus Beauveria bassiana. Applied and Environmental Microbiology, 2020, 86, .	1.4	23
97	A Group III histidine kinase (mhk1) upstream of highâ€osmolarity glycerol pathway regulates sporulation, multiâ€stress tolerance and virulence of Metarhizium robertsii, a fungal entomopathogen. Environmental Microbiology, 2012, 14, 817-829.	1.8	22
98	Use of uridine auxotrophy (ura3) for markerless transformation of the mycoinsecticide Beauveria bassiana. Applied Microbiology and Biotechnology, 2013, 97, 3017-3025.	1.7	22
99	The Pal pathway required for ambient pH adaptation regulates growth, conidiation, and osmotolerance of Beauveria bassiana in a pH-dependent manner. Applied Microbiology and Biotechnology, 2016, 100, 4423-4433.	1.7	22
100	Autophagy-related gene ATG7 participates in the asexual development, stress response and virulence of filamentous insect pathogenic fungus Beauveria bassiana. Current Genetics, 2019, 65, 1015-1024.	0.8	22
101	Roles of six Hsp70 genes in virulence, cell wall integrity, antioxidant activity and multiple stress tolerance of Beauveria bassiana. Fungal Genetics and Biology, 2020, 144, 103437.	0.9	22
102	Two white collar proteins protect fungal cells from solar <scp>UV</scp> damage by their interactions with two photolyases in Metarhizium robertsii. Environmental Microbiology, 2021, 23, 4925-4938.	1.8	22
103	Comparative roles of three adhesin genes (adh1â€“3) in insect-pathogenic lifecycle of Beauveria bassiana. Applied Microbiology and Biotechnology, 2021, 105, 5491-5502.	1.7	22
104	Selection of global Metarhizium isolates for the control of the rice pest Nilaparvata lugens (Homoptera: Delphacidae). Pest Management Science, 2008, 64, 1008-1014.	1.7	21
105	Adenylate cyclase orthologues in two filamentous entomopathogens contribute differentially toÂgrowth, conidiation, pathogenicity, and multistress responses. Fungal Biology, 2014, 118, 422-431.	1.1	21
106	Experimental simulation of transmission of an obligate aphid pathogen with aphid flight dispersal. Environmental Microbiology, 2006, 8, 69-76.	1.8	20
107	Transcriptomic insights into the alternative splicingâ€mediated adaptation of the entomopathogenic fungus Beauveria bassiana to host niches: autophagyâ€related gene 8 as an example. Environmental Microbiology, 2017, 19, 4126-4139.	1.8	20
108	Colony heating protects honey bee populations from a risk of contact with wideâ€spectrum Beauveria bassiana insecticides applied in the field. Pest Management Science, 2020, 76, 2627-2634.	1.7	20

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109	Incidence of infected Myzus persicae alatae trapped in flight imply place-to-place dissemination of entomophthoralean fungi in aphid populations through migration. Journal of Invertebrate Pathology, 2002, 81, 53-56.	1.5	19
110	Sitobion avenae alatae infected by Pandora neoaphidis: their flight ability, post-flight colonization, and mycosis transmission to progeny colonies. Journal of Invertebrate Pathology, 2004, 86, 117-123.	1.5	19
111	Histopathological and molecular insights into the ovicidal activities of two entomopathogenic fungi against two-spotted spider mite. Journal of Invertebrate Pathology, 2014, 117, 73-78.	1.5	19
112	Mbp1, a component of the MluI cell cycle boxâ€binding complex, contributes to morphological transition and virulence in the filamentous entomopathogenic fungus Beauveria bassiana. Environmental Microbiology, 2020, 22, 584-597.	1.8	19
113	Sprays of emulsifiable Beauveria bassiana formulation are ovicidal towards Tetranychus urticae (Acari: Tetranychidae) at various regimes of temperature and humidity. Experimental and Applied Acarology, 2008, 46, 247-257.	0.7	18
114	A conidial protein (CP15) of Beauveria bassiana contributes to the conidial tolerance of the entomopathogenic fungus to thermal and oxidative stresses. Applied Microbiology and Biotechnology, 2011, 90, 1711-1720.	1.7	18
115	Qualitative ubiquitome unveils the potential significances of protein lysine ubiquitination in hyphal growth of Aspergillus nidulans. Current Genetics, 2016, 62, 191-201.	0.8	18
116	The DUF1996 and WSC domainâ€containing protein Wsc1I acts as a novel sensor of multiple stress cues in Beauveria bassiana. Cellular Microbiology, 2019, 21, e13100.	1.1	18
117	Evaluation of the time-concentration-mortality responses ofPlutella xylostella larvae to the interaction ofBeauveria bassiana with a nereistoxin analogue insecticide. Pest Management Science, 2006, 62, 69-76.	1.7	17
118	Integration of Escherichia coli thioredoxin (trxA) into Beauveria bassiana enhances the fungal tolerance to the stresses of oxidation, heat and UV-B irradiation. Biological Control, 2011, 59, 255-260.	1.4	17
119	A Fungal Insecticide Engineered for Fast Per Os Killing of Caterpillars Has High Field Efficacy and Safety in Full-Season Control of Cabbage Insect Pests. Applied and Environmental Microbiology, 2013, 79, 6452-6458.	1.4	17
120	Five vacuolar Ca2+ exchangers play different roles in calcineurin-dependent Ca2+/Mn2+ tolerance, multistress responses and virulence of a filamentous entomopathogen. Fungal Genetics and Biology, 2014, 73, 12-19.	0.9	17
121	Proteomic and Phosphoproteomic Insights into a Signaling Hub Role for Cdc14 in Asexual Development and Multiple Stress Responses in Beauveria bassiana. PLoS ONE, 2016, 11, e0153007.	1.1	17
122	Distinct roles of two cytoplasmic thioredoxin reductases (Trr1/2) in the redox system involving cysteine synthesis and host infection of Beauveria bassiana. Applied Microbiology and Biotechnology, 2016, 100, 10363-10374.	1.7	17
123	Glc8, a regulator of protein phosphatase type 1, mediates oxidation tolerance, asexual development and virulence in Beauveria bassiana, a filamentous entomopathogenic fungus. Current Genetics, 2019, 65, 283-291.	0.8	17
124	A Simple Method for Routine Maintenance and Preservation of Entomophthoraceous Cultures. Journal of Invertebrate Pathology, 2001, 77, 141-143.	1.5	16
125	Global Insight into Lysine Acetylation Events and Their Links to Biological Aspects in Beauveria bassiana, a Fungal Insect Pathogen. Scientific Reports, 2017, 7, 44360.	1.6	16
126	Lysyl-tRNA synthetase (Krs) acts a virulence factor of Beauveria bassiana by its vital role in conidial germination and dimorphic transition. Fungal Biology, 2017, 121, 956-965.	1.1	16

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127	Rtt109â€dependent histone H3 K56 acetylation and gene activity are essential for the biological control potential of Beauveria bassiana. Pest Management Science, 2018, 74, 2626-2635.	1.7	16
128	Rei1â€like protein regulates nutritional metabolism and transport required for the asexual cycle in vitro and in vivo of a fungal insect pathogen. Environmental Microbiology, 2019, 21, 2772-2786.	1.8	16
129	Opposite Nuclear Dynamics of Two FRH-Dominated Frequency Proteins Orchestrate Non-Rhythmic Conidiation in Beauveria bassiana. Cells, 2020, 9, 626.	1.8	16
130	Transcription Activator Swi6 Interacts with Mbp1 in MluI Cell Cycle Box-Binding Complex and Regulates Hyphal Differentiation and Virulence in Beauveria bassiana. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 617	1.8	16
131	Nuclear Ssr4 Is Required for the In Vitro and In Vivo Asexual Cycles and Global Gene Activity of Beauveria bassiana. MSystems, 2020, 5, .	1.7	16
132	Systematic contributions of <scp>CFEM</scp> domainâ€containing proteins to iron acquisition are essential for interspecies interaction of the filamentous pathogenic fungus Beauveria bassiana. Environmental Microbiology, 2022, 24, 3693-3704.	1.8	16
133	Mass mortality of larval Eriocheir sinensis (Decapoda: Grapsidae) population bred under facility conditions: possible role of Zoothamnium sp. (Peritrichida: Vorticellidae) Epiphyte. Journal of Invertebrate Pathology, 2004, 86, 59-60.	1.5	15
134	Characterization of Beauveria bassiana neutral trehalase (BbNTH1) and recognition of crucial stress-responsive elements to control its expression in response to multiple stresses. Microbiological Research, 2011, 166, 282-293.	2.5	15
135	A mixture of putative sodium salts of camptothecin and bamboo tar is a novel botanical insecticide against rice planthoppers and stem borers. Journal of Pest Science, 2016, 89, 1003-1011.	1.9	15
136	Vital role for cyclophilin B (CypB) in asexual development, dimorphic transition and virulence of Beauveria bassiana. Fungal Genetics and Biology, 2017, 105, 8-15.	0.9	15
137	Three DUF1996 Proteins Localize in Vacuoles and Function in Fungal Responses to Multiple Stresses and Metal Ions. Scientific Reports, 2016, 6, 20566.	1.6	14
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