

Sheng-Hua Ying

List of Publications by Year in descending order

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125
papers

4,231
citations

117453

34
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133063

59
g-index

125
all docs

125
docs citations

125
times ranked

2341
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome Sequencing and Comparative Transcriptomics of the Model Entomopathogenic Fungi <i>Metarhizium anisopliae</i> and <i>M. acridum</i> . <i>PLoS Genetics</i> , 2011, 7, e1001264.	1.5	542
2	Genomic perspectives on the evolution of fungal entomopathogenicity in <i>Beauveria bassiana</i> . <i>Scientific Reports</i> , 2012, 2, 483.	1.6	512
3	Additive Contributions of Two Manganese-Cored Superoxide Dismutases (MnSODs) to Antioxidation, UV Tolerance and Virulence of <i>Beauveria bassiana</i> . <i>PLoS ONE</i> , 2012, 7, e30298.	1.1	126
4	Catalases play differentiated roles in the adaptation of a fungal entomopathogen to environmental stresses. <i>Environmental Microbiology</i> , 2013, 15, 409-418.	1.8	108
5	Novel blastospore-based transformation system for integration of phosphinothricin resistance and green fluorescence protein genes into <i>Beauveria bassiana</i> . <i>Applied Microbiology and Biotechnology</i> , 2006, 72, 206-210.	1.7	95
6	Insight into the transcriptional regulation of Msn2 required for conidiation, multi-stress responses and virulence of two entomopathogenic fungi. <i>Fungal Genetics and Biology</i> , 2013, 54, 42-51.	0.9	70
7	Relationship between thermotolerance and hydrophobin-like proteins in aerial conidia of <i>Beauveria bassiana</i> and <i>Paecilomyces fumosoroseus</i> as fungal biocontrol agents. <i>Journal of Applied Microbiology</i> , 2004, 97, 323-331.	1.4	68
8	WetA and VosA are distinct regulators of conidiation capacity, conidial quality, and biological control potential of a fungal insect pathogen. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 10069-10081.	1.7	68
9	Mas5, a homologue of bacterial <i>DnaJ</i> , is indispensable for the host infection and environmental adaptation of a filamentous fungal insect pathogen. <i>Environmental Microbiology</i> , 2016, 18, 1037-1047.	1.8	66
10	Characterization of the Hog1 MAPK pathway in the entomopathogenic fungus <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , 2017, 19, 1808-1821.	1.8	66
11	BrlA and AbaA Govern Virulence-Required Dimorphic Switch, Conidiation, and Pathogenicity in a Fungal Insect Pathogen. <i>MSystems</i> , 2019, 4, .	1.7	65
12	Subtilisin-like Pr1 proteases marking the evolution of pathogenicity in a wide-spectrum insect-pathogenic fungus. <i>Virulence</i> , 2020, 11, 365-380.	1.8	60
13	Distinct contributions of one Fe- and two Cu/Zn-cofactored superoxide dismutases to antioxidation, UV tolerance and virulence of <i>Beauveria bassiana</i> . <i>Fungal Genetics and Biology</i> , 2015, 81, 160-171.	0.9	59
14	Three Mitogen-Activated Protein Kinases Required for Cell Wall Integrity Contribute Greatly to Biocontrol Potential of a Fungal Entomopathogen. <i>PLoS ONE</i> , 2014, 9, e87948.	1.1	58
15	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 <i>Beauveria bassiana</i> . <i>Microbiology (United Kingdom)</i> , 2013, 159, 243-252.	0.7	57
16	A carbon responsive <i>G</i> -protein coupled receptor modulates broad developmental and genetic networks in the entomopathogenic fungus, <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , 2013, 15, 2902-2921.	1.8	54
17	The autophagy-related genes BbATG1 and BbATG8 have different functions in differentiation, stress resistance and virulence of mycopathogen <i>Beauveria bassiana</i> . <i>Scientific Reports</i> , 2016, 6, 26376.	1.6	50
18	Aphid dispersal flight disseminates fungal pathogens and parasitoids as natural control agents of aphids. <i>Ecological Entomology</i> , 2007, 32, 97-104.	1.1	49

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19	In vitro and in vivo responses of fungal biocontrol agents to gradient doses of UV-B and UV-A irradiation. <i>BioControl</i> , 2010, 55, 413-422.	0.9	48
20	Differentiated functions of <i>Ras1</i> and <i>Ras2</i> proteins in regulating the germination, growth, conidiation, multi-stress tolerance and virulence of <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , 2013, 15, 447-462.	1.8	46
21	BbSNF1 contributes to cell differentiation, extracellular acidification, and virulence in <i>Beauveria bassiana</i> , a filamentous entomopathogenic fungus. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 8657-8673.	1.7	44
22	The role of three calcineurin subunits and a related transcription factor (Crz1) in conidiation, multistress tolerance and virulence in <i>Beauveria bassiana</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 827-840.	1.7	44
23	<i>Wce1</i> and <i>Cdc25</i> control morphogenesis, virulence and multistress tolerance of <i>Beauveria bassiana</i> by balancing cell cycle-required cyclin-dependent kinase 1 activity. <i>Environmental Microbiology</i> , 2015, 17, 1119-1133.	1.8	42
24	Insight into vital role of autophagy in sustaining biological control potential of fungal pathogens against pest insects and nematodes. <i>Virulence</i> , 2019, 10, 429-437.	1.8	41
25	<i>P</i> -type calcium <i>ATPase</i> functions as a core regulator of <i>Beauveria bassiana</i> growth, conidiation and responses to multiple stressful stimuli through cross-talk with signalling networks. <i>Environmental Microbiology</i> , 2013, 15, 967-979.	1.8	39
26	Regulative roles of glutathione reductase and four glutaredoxins in glutathione redox, antioxidant activity, and iron homeostasis of <i>Beauveria bassiana</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 5907-5917.	1.7	39
27	Daylight length-dependent translocation of VIVID photoreceptor in cells and its essential role in conidiation and virulence of <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , 2018, 20, 169-185.	1.8	39
28	Transcriptomic analyses reveal comprehensive responses of insect hemocytes to mycopathogen <i>Beauveria bassiana</i> , and fungal virulence-related cell wall protein assists pathogen to evade host cellular defense. <i>Virulence</i> , 2020, 11, 1352-1365.	1.8	39
29	The transcriptional co-activator multiprotein bridging factor 1 from the fungal insect pathogen, <i>Beauveria bassiana</i> , mediates regulation of hyphal morphogenesis, stress tolerance and virulence. <i>Environmental Microbiology</i> , 2014, 16, 1879-1897.	1.8	37
30	Discovery of a new intravacuolar protein required for the autophagy, development and virulence of <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , 2017, 19, 2806-2818.	1.8	37
31	Pleiotropic effects of the histone deacetylase <i>Hos2</i> linked to H4-K16 deacetylation, H3-K56 acetylation, and H2A-S129 phosphorylation in <i>Beauveria bassiana</i> . <i>Cellular Microbiology</i> , 2018, 20, e12839.	1.1	37
32	Autophagy-related gene <i>BbATG11</i> is indispensable for pexophagy and mitophagy, and contributes to stress response, conidiation and virulence in the insect mycopathogen <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , 2018, 20, 3309-3324.	1.8	37
33	Genome-Wide Host-Pathogen Interaction Unveiled by Transcriptomic Response of Diamondback Moth to Fungal Infection. <i>PLoS ONE</i> , 2016, 11, e0152908.	1.1	36
34	Two eisosome proteins play opposite roles in autophagic control and sustain cell integrity, function and pathogenicity in <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , 2017, 19, 2037-2052.	1.8	36
35	Medium components and culture conditions affect the thermotolerance of aerial conidia of fungal biocontrol agent <i>Beauveria bassiana</i> . <i>Letters in Applied Microbiology</i> , 2006, 43, 331-335.	1.0	35
36	Three β -1,2-mannosyltransferases contribute differentially to conidiation, cell wall integrity, multistress tolerance and virulence of <i>Beauveria bassiana</i> . <i>Fungal Genetics and Biology</i> , 2014, 70, 1-10.	0.9	35

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37	Two Photolyases Repair Distinct DNA Lesions and Reactivate UVB-Inactivated Conidia of an Insect Mycopathogen under Visible Light. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	35
38	Essential role of Rpd3â€dependent lysine modification in the growth, development and virulence of <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , 2018, 20, 1590-1606.	1.8	34
39	Subcellular localization of five singular <scp>WSC</scp> domainâ€containing proteins and their roles in <i>Beauveria bassiana</i> responses to stress cues and metal ions. <i>Environmental Microbiology Reports</i> , 2016, 8, 295-304.	1.0	33
40	Cytokinesis-required Cdc14 is a signaling hub of asexual development and multi-stress tolerance in <i>Beauveria bassiana</i> . <i>Scientific Reports</i> , 2013, 3, 3086.	1.6	32
41	HapX, an Indispensable bZIP Transcription Factor for Iron Acquisition, Regulates Infection Initiation by Orchestrating Conidial Oleic Acid Homeostasis and Cytomembrane Functionality in Mycopathogen <i>Beauveria bassiana</i> . <i>MSystems</i> , 2020, 5, .	1.7	32
42	The GPI-anchored protein Ecm33 is vital for conidiation, cell wall integrity, and multi-stress tolerance of two filamentous entomopathogens but not for virulence. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 5517-5529.	1.7	31
43	Gcn5â€dependent histone H3 acetylation and gene activity is required for the asexual development and virulence of <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , 2018, 20, 1484-1497.	1.8	31
44	The cellular proteome is affected by a gelsolin (<i>BbGEL1</i>) during morphological transitions in aerobic surface versus liquid growth in the entomopathogenic fungus <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , 2016, 18, 4153-4169.	1.8	30
45	Unveiling equal importance of two 14â€ proteins for morphogenesis, conidiation, stress tolerance and virulence of an insect pathogen. <i>Environmental Microbiology</i> , 2015, 17, 1444-1462.	1.8	27
46	The connection of protein O-mannosyltransferase family to the biocontrol potential of <i>Beauveria bassiana</i> , a fungal entomopathogen. <i>Glycobiology</i> , 2014, 24, 638-648.	1.3	26
47	Transcriptional control of fungal cell cycle and cellular events by Fkh2, a forkhead transcription factor in an insect pathogen. <i>Scientific Reports</i> , 2015, 5, 10108.	1.6	25
48	Subcellular localization of six thioredoxins and their antioxidant activity and contributions to biological control potential in <i>Beauveria bassiana</i> . <i>Fungal Genetics and Biology</i> , 2015, 76, 1-9.	0.9	25
49	RNA sequencing analysis identifies the metabolic and developmental genes regulated by BbSNF1 during conidiation of the entomopathogenic fungus <i>Beauveria bassiana</i> . <i>Current Genetics</i> , 2015, 61, 143-152.	0.8	25
50	Vital role for the J-domain protein Mdj1 in asexual development, multiple stress tolerance, and virulence of <i>Beauveria bassiana</i> . <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 185-195.	1.7	25
51	The histone acetyltransferase Mst2 sustains the biological control potential of a fungal insect pathogen through transcriptional regulation. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 1343-1355.	1.7	25
52	The Na ⁺ /H ⁺ antiporter Nhx1 controls vacuolar fusion indispensable for life cycles <i>in vitro</i> and <i>in vivo</i> in a fungal insect pathogen. <i>Environmental Microbiology</i> , 2016, 18, 3884-3895.	1.8	24
53	Photoprotective Role of Photolyase-Interacting RAD23 and Its Pleiotropic Effect on the Insect-Pathogenic Fungus <i>Beauveria bassiana</i> . <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	23
54	Use of uridine auxotrophy (ura3) for markerless transformation of the mycoinsecticide <i>Beauveria bassiana</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 3017-3025.	1.7	22

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55	The Pal pathway required for ambient pH adaptation regulates growth, conidiation, and osmotolerance of <i>Beauveria bassiana</i> in a pH-dependent manner. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 4423-4433.	1.7	22
56	Autophagy-related gene ATG7 participates in the asexual development, stress response and virulence of filamentous insect pathogenic fungus <i>Beauveria bassiana</i> . <i>Current Genetics</i> , 2019, 65, 1015-1024.	0.8	22
57	Roles of six Hsp70 genes in virulence, cell wall integrity, antioxidant activity and multiple stress tolerance of <i>Beauveria bassiana</i> . <i>Fungal Genetics and Biology</i> , 2020, 144, 103437.	0.9	22
58	Two white collar proteins protect fungal cells from solar UV damage by their interactions with two photolyases in <i>Metarhizium robertsii</i> . <i>Environmental Microbiology</i> , 2021, 23, 4925-4938.	1.8	22
59	Comparative roles of three adhesin genes (<i>adh1-3</i>) in insect-pathogenic lifecycle of <i>Beauveria bassiana</i> . <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 5491-5502.	1.7	22
60	Adenylate cyclase orthologues in two filamentous entomopathogens contribute differentially to growth, conidiation, pathogenicity, and multistress responses. <i>Fungal Biology</i> , 2014, 118, 422-431.	1.1	21
61	Transcriptomic insights into the alternative splicing-mediated adaptation of the entomopathogenic fungus <i>Beauveria bassiana</i> to host niches: autophagy-related gene 8 as an example. <i>Environmental Microbiology</i> , 2017, 19, 4126-4139.	1.8	20
62	Mbp1, a component of the Mlu1 cell cycle box-binding complex, contributes to morphological transition and virulence in the filamentous entomopathogenic fungus <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , 2020, 22, 584-597.	1.8	19
63	Mitochondrial fission is necessary for mitophagy, development and virulence of the insect pathogenic fungus <i>Beauveria bassiana</i> . <i>Journal of Applied Microbiology</i> , 2020, 129, 411-421.	1.4	19
64	A conidial protein (CP15) of <i>Beauveria bassiana</i> contributes to the conidial tolerance of the entomopathogenic fungus to thermal and oxidative stresses. <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 1711-1720.	1.7	18
65	Qualitative ubiquitome unveils the potential significances of protein lysine ubiquitination in hyphal growth of <i>Aspergillus nidulans</i> . <i>Current Genetics</i> , 2016, 62, 191-201.	0.8	18
66	The DUF1996 and WSC domain-containing protein Wsc11 acts as a novel sensor of multiple stress cues in <i>Beauveria bassiana</i> . <i>Cellular Microbiology</i> , 2019, 21, e13100.	1.1	18
67	Five vacuolar Ca ²⁺ exchangers play different roles in calcineurin-dependent Ca ²⁺ /Mn ²⁺ tolerance, multistress responses and virulence of a filamentous entomopathogen. <i>Fungal Genetics and Biology</i> , 2014, 73, 12-19.	0.9	17
68	Proteomic and Phosphoproteomic Insights into a Signaling Hub Role for Cdc14 in Asexual Development and Multiple Stress Responses in <i>Beauveria bassiana</i> . <i>PLoS ONE</i> , 2016, 11, e0153007.	1.1	17
69	Distinct roles of two cytoplasmic thioredoxin reductases (Trr1/2) in the redox system involving cysteine synthesis and host infection of <i>Beauveria bassiana</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 10363-10374.	1.7	17
70	Glc8, a regulator of protein phosphatase type 1, mediates oxidation tolerance, asexual development and virulence in <i>Beauveria bassiana</i> , a filamentous entomopathogenic fungus. <i>Current Genetics</i> , 2019, 65, 283-291.	0.8	17
71	Global Insight into Lysine Acetylation Events and Their Links to Biological Aspects in <i>Beauveria bassiana</i> , a Fungal Insect Pathogen. <i>Scientific Reports</i> , 2017, 7, 44360.	1.6	16
72	Lysyl-tRNA synthetase (Krs) acts a virulence factor of <i>Beauveria bassiana</i> by its vital role in conidial germination and dimorphic transition. <i>Fungal Biology</i> , 2017, 121, 956-965.	1.1	16

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73	Rtt109â€dependent histone H3 K56 acetylation and gene activity are essential for the biological control potential of <i>Beauveria bassiana</i> . <i>Pest Management Science</i> , 2018, 74, 2626-2635.	1.7	16
74	Rei1â€like protein regulates nutritional metabolism and transport required for the asexual cycle <i>in vitro</i> and <i>in vivo</i> of a fungal insect pathogen. <i>Environmental Microbiology</i> , 2019, 21, 2772-2786.	1.8	16
75	Opposite Nuclear Dynamics of Two FRH-Dominated Frequency Proteins Orchestrate Non-Rhythmic Conidiation in <i>Beauveria bassiana</i> . <i>Cells</i> , 2020, 9, 626.	1.8	16
76	Transcription Activator Swi6 Interacts with Mbp1 in Mlu1 Cell Cycle Box-Binding Complex and Regulates Hyphal Differentiation and Virulence in <i>Beauveria bassiana</i> . <i>Journal of Fungi (Basel)</i> , 2021, 7, 1075.	1.7	16
77	Nuclear Ssr4 Is Required for the <i>In Vitro</i> and <i>In Vivo</i> Asexual Cycles and Global Gene Activity of <i>Beauveria bassiana</i> . <i>MSystems</i> , 2020, 5, .	1.7	16
78	Systematic contributions of CFEM domainâ€containing proteins to iron acquisition are essential for interspecies interaction of the filamentous pathogenic fungus <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , 2022, 24, 3693-3704.	1.8	16
79	Vital role for cyclophilin B (CypB) in asexual development, dimorphic transition and virulence of <i>Beauveria bassiana</i> . <i>Fungal Genetics and Biology</i> , 2017, 105, 8-15.	0.9	15
80	Three DUF1996 Proteins Localize in Vacuoles and Function in Fungal Responses to Multiple Stresses and Metal Ions. <i>Scientific Reports</i> , 2016, 6, 20566.	1.6	14
81	Differential Roles for Six P-Type Calcium ATPases in Sustaining Intracellular Ca ²⁺ Homeostasis, Asexual Cycle and Environmental Fitness of <i>Beauveria bassiana</i> . <i>Scientific Reports</i> , 2017, 7, 1420.	1.6	14
82	C-terminal Ser/Thr residues are vital for the regulatory role of Ste7 in the asexual cycle and virulence of <i>Beauveria bassiana</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 6973-6986.	1.7	14
83	Two histidine kinases can sense different stress cues for activation of the MAPK Hog1 in a fungal insect pathogen. <i>Environmental Microbiology</i> , 2017, 19, 4091-4102.	1.8	13
84	Pleiotropic effects of Ubi4, a polyubiquitin precursor required for ubiquitin accumulation, conidiation and pathogenicity of a fungal insect pathogen. <i>Environmental Microbiology</i> , 2020, 22, 2564-2580.	1.8	13
85	A Small Cysteine-Free Protein Acts as a Novel Regulator of Fungal Insect-Pathogenic Lifecycle and Genomic Expression. <i>MSystems</i> , 2021, 6, .	1.7	13
86	A putative Î±-glucoside transporter gene BbAGT1 contributes to carbohydrate utilization, growth, conidiation and virulence of filamentous entomopathogenic fungus <i>Beauveria bassiana</i> . <i>Research in Microbiology</i> , 2013, 164, 480-489.	1.0	12
87	A novel Ras GTPase (Ras3) regulates conidiation, multi-stress tolerance and virulence by acting upstream of Hog1 signaling pathway in <i>Beauveria bassiana</i> . <i>Fungal Genetics and Biology</i> , 2015, 82, 85-94.	0.9	12
88	Effect of vacuolar ATPase subunit H (VmaH) on cellular pH, asexual cycle, stress tolerance and virulence in <i>Beauveria bassiana</i> . <i>Fungal Genetics and Biology</i> , 2017, 98, 52-60.	0.9	12
89	Antioxidant activities of four superoxide dismutases in <i>Metarhizium robertsii</i> and their contributions to pest control potential. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 9221-9230.	1.7	12
90	Distinctive role of fluG in the adaptation of <i>Beauveria bassiana</i> to insectâ€pathogenic lifecycle and environmental stresses. <i>Environmental Microbiology</i> , 2021, 23, 5184-5199.	1.8	12

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91	<sc>SET1</sc>/<sc>KMT2</sc>-governed histone <sc>H3K4</sc> methylation coordinates the lifecycle <i>in vivo</i> and <i>in vitro</i> of the fungal insect pathogen <i>Beauveria bassiana</i>. Environmental Microbiology, 2021, 23, 5541-5554.	1.8	12
92	SterylAcetyl Hydrolase 1 (BbSay1) Links Lipid Homeostasis to Conidiogenesis and Virulence in the Entomopathogenic Fungus Beauveria bassiana. Journal of Fungi (Basel, Switzerland), 2022, 8, 292.	1.5	12
93	Miro GTPase controls mitochondrial behavior affecting stress tolerance and virulence of a fungal insect pathogen. Fungal Genetics and Biology, 2016, 93, 1-9.	0.9	11
94	Additive roles of two TPS genes in trehalose synthesis, conidiation, multiple stress responses and host infection of a fungal insect pathogen. Applied Microbiology and Biotechnology, 2017, 101, 3637-3651.	1.7	11
95	Roles of Three HSF Domain-Containing Proteins in Mediating Heat-Shock Protein Genes and Sustaining Asexual Cycle, Stress Tolerance, and Virulence in Beauveria bassiana. Frontiers in Microbiology, 2018, 9, 1677.	1.5	11
96	The velvet protein VeA functions in asexual cycle, stress tolerance and transcriptional regulation of Beauveria bassiana. Fungal Genetics and Biology, 2019, 127, 1-11.	0.9	11
97	DIM5/KMT1 controls fungal insect pathogenicity and genome stability by methylation of histone H3K4, H3K9 and H3K36. Virulence, 2021, 12, 1306-1322.	1.8	11
98	Proteomic and Phosphoryproteomic Investigations Reveal that Autophagy-Related Protein 1, a Protein Kinase for Autophagy Initiation, Synchronously Deploys Phosphoregulation on the Ubiquitin-Like Conjugation System in the Mycopathogen Beauveria bassiana. MSystems, 2022, 7, e0146321.	1.7	11
99	Characterization of a thioredoxin (BbTrx) from the entomopathogenic fungus Beauveria bassiana and its expression in response to thermal stress. Canadian Journal of Microbiology, 2010, 56, 934-942.	0.8	10
100	Functional analysis of the mitochondrial gene mitofilin in the filamentous entomopathogenic fungus Beauveria bassiana. Fungal Genetics and Biology, 2019, 132, 103250.	0.9	10
101	A peroxisomal sterol carrier protein 2 (Scp2) contributes to lipid trafficking in differentiation and virulence of the insect pathogenic fungus Beauveria bassiana. Fungal Genetics and Biology, 2022, 158, 103651.	0.9	10
102	Interaction between TATA-Binding Protein (TBP) and Multiprotein Bridging Factor-1 (MBF1) from the Filamentous Insect Pathogenic Fungus Beauveria bassiana. PLoS ONE, 2015, 10, e0140538.	1.1	9
103	P-type Na⁺/K⁺ ATPases essential and nonessential for cellular homeostasis and insect pathogenicity of <i>Beauveria bassiana</i>. Virulence, 2020, 11, 1415-1431.	1.8	9
104	A virulence-related lectin traffics into eisosome and contributes to functionality of cytomembrane and cell-wall in the insect-pathogenic fungus Beauveria bassiana. Fungal Biology, 2021, 125, 914-922.	1.1	9
105	Interactome analysis of transcriptional coactivator multiprotein bridging factor 1 unveils a yeast AP-1-like transcription factor involved in oxidation tolerance of mycopathogen Beauveria bassiana. Current Genetics, 2018, 64, 275-284.	0.8	8
106	Differential Roles of Five Fluffy Genes (flbA-flbE) in the Lifecycle In Vitro and In Vivo of the Insect-Pathogenic Fungus Beauveria bassiana. Journal of Fungi (Basel, Switzerland), 2022, 8, 334.	1.5	8
107	The Essential and the Nonessential Roles of Four Clock Elements in the Circadian Rhythm of Metarhizium robertsii. Journal of Fungi (Basel, Switzerland), 2022, 8, 558.	1.5	8
108	The Hog1-like MAPK Mpk3 collaborates with Hog1 in response to heat shock and functions in sustaining the biological control potential of a fungal insect pathogen. Applied Microbiology and Biotechnology, 2017, 101, 6941-6949.	1.7	7

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109	Roles of autophagy-related genes in conidiogenesis and blastospore formation, virulence, and stress response of <i>Beauveria bassiana</i> . <i>Fungal Biology</i> , 2020, 124, 1052-1057.	1.1	7
110	Different contributions of the peroxisomal import protein Pex5 and Pex7 to development, stress response and virulence of insect fungal pathogen <i>Beauveria bassiana</i> . <i>Journal of Applied Microbiology</i> , 2021, , .	1.4	7
111	Genome-Wide Insight into Profound Effect of Carbon Catabolite Repressor (Cre1) on the Insect-Pathogenic Lifecycle of <i>Beauveria bassiana</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 895.	1.5	7
112	Means to mediating accumulation of hydrophobin-like proteins in the wall of <i>Beauveria bassiana</i> conidia for improved tolerance to thermal stress. <i>Journal of General and Applied Microbiology</i> , 2007, 53, 309-314.	0.4	6
113	Essential Role of COP9 Signalosome Subunit 5 (Csn5) in Insect Pathogenicity and Asexual Development of <i>Beauveria bassiana</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 642.	1.5	6
114	Peroxisins in Peroxisomal Receptor Export System Contribute to Development, Stress Response, and Virulence of Insect Pathogenic Fungus <i>Beauveria bassiana</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 622.	1.5	6
115	A homologue of yeast acyl-CoA synthetase Faa1 contributes to cytomembrane functionality involved in development and virulence in the insect pathogenic fungus <i>Beauveria bassiana</i> . <i>Microbial Pathogenesis</i> , 2022, 164, 105419.	1.3	5
116	Characterization of three mitogen-activated protein kinase kinase-like proteins in <i>Beauveria bassiana</i> . <i>Fungal Genetics and Biology</i> , 2018, 113, 24-31.	0.9	4
117	FluG and FluG-like FlrA Coregulate Manifold Gene Sets Vital for Fungal Insect-Pathogenic Lifestyle but Not Involved in Asexual Development. <i>MSystems</i> , 2022, 7, .	1.7	4
118	Transcriptomic analysis reveals the potential antioxidant pathways regulated by multiprotein bridging factor 1 (<i>BbMBF1</i>) in the fungal entomopathogen <i>Beauveria bassiana</i> . <i>Biocontrol Science and Technology</i> , 2015, 25, 1346-1358.	0.5	3
119	Three proline rotamases involved in calcium homeostasis play differential roles in stress tolerance, virulence and calcineurin regulation of <i>Beauveria bassiana</i> . <i>Cellular Microbiology</i> , 2020, 22, e13239.	1.1	3
120	Fungal insecticidal activity elevated by non-risky markerless overexpression of an endogenous cysteine-free protein gene in <i>Beauveria bassiana</i> . <i>Pest Management Science</i> , 2022, 78, 3164-3172.	1.7	3
121	Three Small Cysteine-Free Proteins (CFP1-3) Are Required for Insect-Pathogenic Lifestyle of <i>Metarhizium robertsii</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 606.	1.5	3
122	Use of quantitative PCR technique for determining gene copy number in the genome of <i>Beauveria bassiana</i> transformant. <i>Journal of Asia-Pacific Entomology</i> , 2017, 20, 57-59.	0.4	2
123	Conserved and Noncanonical Activities of Two Histone H3K36 Methyltransferases Required for Insect-Pathogenic Lifestyle of <i>Beauveria bassiana</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 956.	1.5	2
124	Oxaloacetate hydrolase gene links the cytoplasmic route of oxalate formation to differentiation and virulence of entomopathogenic fungus <i>Beauveria bassiana</i> . <i>Journal of Asia-Pacific Entomology</i> , 2018, 21, 211-216.	0.4	1
125	Differential Roles of Three α -Crystallin Domain-Containing sHsps of <i>Beauveria bassiana</i> in Asexual Development, Multiple Stress Tolerance and Virulence. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6717.	1.8	0