

# Ming-Guang Feng

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

197  
papers

5,432  
citations

40  
h-index

62  
g-index

208  
ext. papers

6,429  
ext. citations

4.3  
avg, IF

6.12  
L-index

#	Paper	IF	Citations
197	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> , <b>2022</b> , 164, 105419	3.8	0
196	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 <i>Beauveria bassiana</i> .. <i>MSystems</i> , <b>2022</b> , e0146321	7.6	3
195	Molecular basis and regulatory mechanisms underlying fungal insecticides resistance to solar ultraviolet irradiation. <i>Pest Management Science</i> , <b>2022</b> , 78, 30-42	4.6	8
194	The Essential and the Nonessential Roles of Four Clock Elements in the Circadian Rhythm of <i>Metarhizium robertsii</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2022</b> , 8, 558	5.6	2
193	A peroxisomal sterol carrier protein 2 (Scp2) contributes to lipid trafficking in differentiation and virulence of the insect pathogenic fungus <i>Beauveria bassiana</i> .. <i>Fungal Genetics and Biology</i> , <b>2021</b> , 158, 103651	3.9	2
192	Ubr1-mediated ubiquitylation orchestrates asexual development, polar growth, and virulence-related cellular events in <i>Beauveria bassiana</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2021</b> , 105, 2747-2758	5.7	1
191	Distinctive role of fluG in the adaptation of <i>Beauveria bassiana</i> to insect-pathogenic lifecycle and environmental stresses. <i>Environmental Microbiology</i> , <b>2021</b> , 23, 5184-5199	5.2	4
190	A Small Cysteine-Free Protein Acts as a Novel Regulator of Fungal Insect-Pathogenic Lifecycle and Genomic Expression. <i>MSystems</i> , <b>2021</b> , 6,	7.6	3
189	Transcription Activator Swi6 Interacts with Mbp1 in I Cell Cycle Box-Binding Complex and Regulates Hyphal Differentiation and Virulence in. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,	5.6	3
188	Comparative roles of three adhesin genes (adh1-3) in insect-pathogenic lifecycle of <i>Beauveria bassiana</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2021</b> , 105, 5491-5502	5.7	3
187	A virulence-related lectin traffics into eisosome and contributes to functionality of cytomembrane and cell-wall in the insect-pathogenic fungus <i>Beauveria bassiana</i> . <i>Fungal Biology</i> , <b>2021</b> , 125, 914-922	2.8	2
186	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> , <b>2021</b> ,	4.7	2
185	DIM5/KMT1 controls fungal insect pathogenicity and genome stability by methylation of histone H3K4, H3K9 and H3K36. <i>Virulence</i> , <b>2021</b> , 12, 1306-1322	4.7	4
184	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> , <b>2021</b> , 23, 4925-4938	5.2	8
183	Essential Roles of Two FRQ Proteins (Frq1 and Frq2) in <i>Beauveria bassiana</i> 's Virulence, Infection Cycle, and Calcofluor-Specific Signaling. <i>Applied and Environmental Microbiology</i> , <b>2021</b> , 87,	4.8	4
182	SET1/KMT2-governed histone H3K4 methylation coordinates the lifecycle in vivo and in vitro of the fungal insect pathogen <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , <b>2021</b> , 23, 5541-5554	5.2	2
181	A fungal sirtuin modulates development and virulence in the insect pathogen, <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , <b>2021</b> , 23, 5164-5183	5.2	3

180	Phenotypic and molecular insights into heat tolerance of formulated cells as active ingredients of fungal insecticides. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 5711-5724	5.7	19
179	Subcellular localization of Sur7 and its pleiotropic effect on cell wall integrity, multiple stress responses, and virulence of <i>Beauveria bassiana</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 6669-6678	5.7	2
178	Opposite Nuclear Dynamics of Two FRH-Dominated Frequency Proteins Orchestrate Non-Rhythmic Conidiation in. <i>Cells</i> , <b>2020</b> , 9,	7.9	9
177	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> , <b>2020</b> , 22, e13239	3.9	3
176	Colony heating protects honey bee populations from a risk of contact with wide-spectrum <i>Beauveria bassiana</i> insecticides applied in the field. <i>Pest Management Science</i> , <b>2020</b> , 76, 2627-2634	4.6	10
175	Pleiotropic effects of Ubi4, a polyubiquitin precursor required for ubiquitin accumulation, conidiation and pathogenicity of a fungal insect pathogen. <i>Environmental Microbiology</i> , <b>2020</b> , 22, 2564-2580	5.2	10
174	Subtilisin-like Pr1 proteases marking the evolution of pathogenicity in a wide-spectrum insect-pathogenic fungus. <i>Virulence</i> , <b>2020</b> , 11, 365-380	4.7	24
173	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> , <b>2020</b> , 86,	4.8	12
172	Nuclear Ssr4 Is Required for the and Asexual Cycles and Global Gene Activity of <i>Beauveria bassiana</i> . <i>MSystems</i> , <b>2020</b> , 5,	7.6	8
171	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> , <b>2020</b> , 22, 584-597	5.2	12
170	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> , <b>2020</b> , 11, 1352-1365	4.7	9
169	Roles of autophagy-related genes in conidiogenesis and blastospore formation, virulence, and stress response of <i>Beauveria bassiana</i> . <i>Fungal Biology</i> , <b>2020</b> , 124, 1052-1057	2.8	2
168	P-type Na/K ATPases essential and nonessential for cellular homeostasis and insect pathogenicity of. <i>Virulence</i> , <b>2020</b> , 11, 1415-1431	4.7	5
167	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> , <b>2020</b> , 144, 103437	3.9	11
166	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> , <b>2020</b> , 5,	7.6	16
165	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> , <b>2019</b> , 65, 1015-1024	2.9	11
164	Rei1-like protein regulates nutritional metabolism and transport required for the asexual cycle in vitro and in vivo of a fungal insect pathogen. <i>Environmental Microbiology</i> , <b>2019</b> , 21, 2772-2786	5.2	10
163	The velvet protein VeA functions in asexual cycle, stress tolerance and transcriptional regulation of <i>Beauveria bassiana</i> . <i>Fungal Genetics and Biology</i> , <b>2019</b> , 127, 1-11	3.9	7

162	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> , <b>2019</b> , 65, 283-291	2.9	12
161	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> , <b>2019</b> , 21, e13100	3.9	11
160	BrlA and AbaA Govern Virulence-Required Dimorphic Switch, Conidiation, and Pathogenicity in a Fungal Insect Pathogen. <i>MSystems</i> , <b>2019</b> , 4,	7.6	37
159	Functional analysis of the mitochondrial gene mitofilin in the filamentous entomopathogenic fungus <i>Beauveria bassiana</i> . <i>Fungal Genetics and Biology</i> , <b>2019</b> , 132, 103250	3.9	5
158	Two Photolyases Repair Distinct DNA Lesions and Reactivate UVB-Inactivated Conidia of an Insect Mycopathogen under Visible Light. <i>Applied and Environmental Microbiology</i> , <b>2019</b> , 85,	4.8	17
157	Insights into regulatory roles of MAPK-cascaded pathways in multiple stress responses and life cycles of insect and nematode mycopathogens. <i>Applied Microbiology and Biotechnology</i> , <b>2019</b> , 103, 577-587	5.7	40
156	Insight into vital role of autophagy in sustaining biological control potential of fungal pathogens against pest insects and nematodes. <i>Virulence</i> , <b>2019</b> , 10, 429-437	4.7	25
155	Essential role of Rpd3-dependent lysine modification in the growth, development and virulence of <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , <b>2018</b> , 20, 1590-1606	5.2	21
154	Characterization of three mitogen-activated protein kinase kinase-like proteins in <i>Beauveria bassiana</i> . <i>Fungal Genetics and Biology</i> , <b>2018</b> , 113, 24-31	3.9	4
153	Gcn5-dependent histone H3 acetylation and gene activity is required for the asexual development and virulence of <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , <b>2018</b> , 20, 1484-1497	5.2	25
152	The histone acetyltransferase Mst2 sustains the biological control potential of a fungal insect pathogen through transcriptional regulation. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 1343-1355	5.7	17
151	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> , <b>2018</b> , 21, 211-216	1.4	1
150	Antioxidant enzymes and their contributions to biological control potential of fungal insect pathogens. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 4995-5004	5.7	59
149	Pleiotropic effects of the histone deacetylase Hos2 linked to H4-K16 deacetylation, H3-K56 acetylation, and H2A-S129 phosphorylation in <i>Beauveria bassiana</i> . <i>Cellular Microbiology</i> , <b>2018</b> , 20, e12839	3.9	14
148	Interactome analysis of transcriptional coactivator multiprotein bridging factor 1 unveils a yeast AP-1-like transcription factor involved in oxidation tolerance of mycopathogen <i>Beauveria bassiana</i> . <i>Current Genetics</i> , <b>2018</b> , 64, 275-284	2.9	7
147	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> , <b>2018</b> , 20, 169-185	5.2	30
146	Autophagy-related gene BbATG11 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> , <b>2018</b> , 20, 3309-3324	5.2	20
145	Antioxidant activities of four superoxide dismutases in <i>Metarhizium robertsii</i> and their contributions to pest control potential. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 9221-9230	5.7	8

144	Roles of Three HSF Domain-Containing Proteins in Mediating Heat-Shock Protein Genes and Sustaining Asexual Cycle, Stress Tolerance, and Virulence in. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1677	5.7	9
143	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> , <b>2018</b> , 102, 6973-6986	5.7	12
142	Rtt109-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> , <b>2018</b> , 74, 2626-2635	4.6	11
141	Characterization of the Hog1 MAPK pathway in the entomopathogenic fungus <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , <b>2017</b> , 19, 1808-1821	5.2	48
140	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> , <b>2017</b> , 19, 2037-2052	5.2	30
139	Additive roles of two TPS genes in trehalose synthesis, conidiation, multiple stress responses and host infection of a fungal insect pathogen. <i>Applied Microbiology and Biotechnology</i> , <b>2017</b> , 101, 3637-3651	5.7	9
138	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> , <b>2017</b> , 7, 44360	4.9	7
137	Vital role for cyclophilin B (CypB) in asexual development, dimorphic transition and virulence of <i>Beauveria bassiana</i> . <i>Fungal Genetics and Biology</i> , <b>2017</b> , 105, 8-15	3.9	9
136	Discovery of a new intravacuolar protein required for the autophagy, development and virulence of <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , <b>2017</b> , 19, 2806-2818	5.2	19
135	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> , <b>2017</b> , 98, 52-60	3.9	8
134	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> , <b>2017</b> , 20, 57-59	1.4	1
133	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> , <b>2017</b> , 121, 956-965	2.8	8
132	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> , <b>2017</b> , 19, 4126-4139	5.2	13
131	Two histidine kinases can sense different stress cues for activation of the MAPK Hog1 in a fungal insect pathogen. <i>Environmental Microbiology</i> , <b>2017</b> , 19, 4091-4102	5.2	9
130	Differential Roles for Six P-Type Calcium ATPases in Sustaining Intracellular Ca Homeostasis, Asexual Cycle and Environmental Fitness of <i>Beauveria bassiana</i> . <i>Scientific Reports</i> , <b>2017</b> , 7, 1420	4.9	12
129	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. <i>Applied Microbiology and Biotechnology</i> , <b>2017</b> , 101, 6941-6949	5.7	6
128	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> , <b>2017</b> , 101, 185-195	5.7	19
127	Qualitative ubiquitome unveils the potential significances of protein lysine ubiquitination in hyphal growth of <i>Aspergillus nidulans</i> . <i>Current Genetics</i> , <b>2016</b> , 62, 191-201	2.9	16

126	The cellular proteome is affected by a gelsolin (BbGEL1) during morphological transitions in aerobic surface versus liquid growth in the entomopathogenic fungus <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , <b>2016</b> , 18, 4153-4169	5.2	23
125	Three DUF1996 Proteins Localize in Vacuoles and Function in Fungal Responses to Multiple Stresses and Metal Ions. <i>Scientific Reports</i> , <b>2016</b> , 6, 20566	4.9	10
124	Laboratory and field evaluations of camptothecin sodium salt against phytophagous mites. <i>Pest Management Science</i> , <b>2016</b> , 72, 629-36	4.6	8
123	A mixture of putative sodium salts of camptothecin and bamboo tar is a novel botanical insecticide against rice planthoppers and stem borers. <i>Journal of Pest Science</i> , <b>2016</b> , 89, 1003-1011	5.5	11
122	Miro GTPase controls mitochondrial behavior affecting stress tolerance and virulence of a fungal insect pathogen. <i>Fungal Genetics and Biology</i> , <b>2016</b> , 93, 1-9	3.9	8
121	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> , <b>2016</b> , 100, 10363-10374	5.7	13
120	Mas5, a homologue of bacterial DnaJ, is indispensable for the host infection and environmental adaptation of a filamentous fungal insect pathogen. <i>Environmental Microbiology</i> , <b>2016</b> , 18, 1037-47	5.2	49
119	Subcellular localization of five singular WSC domain-containing proteins and their roles in <i>Beauveria bassiana</i> responses to stress cues and metal ions. <i>Environmental Microbiology Reports</i> , <b>2016</b> , 8, 295-304	3.7	24
118	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> , <b>2016</b> , 100, 4423-33	5.7	18
117	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> , <b>2016</b> , 100, 5907-17	5.7	32
116	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> , <b>2016</b> , 11, e0153007	3.7	15
115	Genome-Wide Host-Pathogen Interaction Unveiled by Transcriptomic Response of Diamondback Moth to Fungal Infection. <i>PLoS ONE</i> , <b>2016</b> , 11, e0152908	3.7	22
114	The Na <sup>+</sup> /H <sup>+</sup> antiporter Nhx1 controls vacuolar fusion indispensable for life cycles in vitro and in vivo in a fungal insect pathogen. <i>Environmental Microbiology</i> , <b>2016</b> , 18, 3884-3895	5.2	22
113	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> , <b>2016</b> , 6, 26376	4.9	24
112	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> , <b>2015</b> , 81, 160-71	3.9	51
111	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> , <b>2015</b> , 61, 143-52	2.9	17
110	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> , <b>2015</b> , 82, 85-94	3.9	11
109	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> , <b>2015</b> , 99, 10069-81	5.7	46

108	Wee1 and Cdc25 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> , <b>2015</b> , 17, 1119-33	5.2	30
107	Unveiling equal importance of two 14-3-3 proteins for morphogenesis, conidiation, stress tolerance and virulence of an insect pathogen. <i>Environmental Microbiology</i> , <b>2015</b> , 17, 1444-62	5.2	22
106	Transcriptional control of fungal cell cycle and cellular events by Fkh2, a forkhead transcription factor in an insect pathogen. <i>Scientific Reports</i> , <b>2015</b> , 5, 10108	4.9	18
105	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> , <b>2015</b> , 76, 1-9	3.9	21
104	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> , <b>2015</b> , 99, 827-40	5.7	33
103	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> , <b>2014</b> , 98, 5517-29	5.7	25
102	Assessment of oral virulence against <i>Spodoptera litura</i> , acquired by a previously non-pathogenic <i>Metarhizium anisopliae</i> isolate, following integration of a midgut-specific insecticidal toxin. <i>Biological Control</i> , <b>2014</b> , 79, 8-15	3.8	7
101	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> , <b>2014</b> , 73, 12-9	3.9	11
100	Bbssk1, a response regulator required for conidiation, multi-stress tolerance, and virulence of <i>Beauveria bassiana</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2014</b> , 98, 5607-18	5.7	7
99	Three $\beta$ 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> , <b>2014</b> , 70, 1-10	3.9	29
98	Histopathological and molecular insights into the ovicidal activities of two entomopathogenic fungi against two-spotted spider mite. <i>Journal of Invertebrate Pathology</i> , <b>2014</b> , 117, 73-8	2.6	9
97	Three mitogen-activated protein kinases required for cell wall integrity contribute greatly to biocontrol potential of a fungal entomopathogen. <i>PLoS ONE</i> , <b>2014</b> , 9, e87948	3.7	48
96	BbSNF1 contributes to cell differentiation, extracellular acidification, and virulence in <i>Beauveria bassiana</i> , a filamentous entomopathogenic fungus. <i>Applied Microbiology and Biotechnology</i> , <b>2014</b> , 98, 8657-73	5.7	23
95	Phytochrome controls conidiation in response to red/far-red light and daylight length and regulates multistress tolerance in <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , <b>2014</b> , 16, 2316-28	5.2	27
94	The connection of protein O-mannosyltransferase family to the biocontrol potential of <i>Beauveria bassiana</i> , a fungal entomopathogen. <i>Glycobiology</i> , <b>2014</b> , 24, 638-48	5.8	21
93	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> , <b>2014</b> , 16, 1879-97	5.2	34
92	Adenylate cyclase orthologues in two filamentous entomopathogens contribute differentially to growth, conidiation, pathogenicity, and multistress responses. <i>Fungal Biology</i> , <b>2014</b> , 118, 422-31	2.8	15
91	Advances in fundamental and applied studies in China of fungal biocontrol agents for use against arthropod pests. <i>Biological Control</i> , <b>2014</b> , 68, 129-135	3.8	98

90	A carbon responsive G-protein coupled receptor modulates broad developmental and genetic networks in the entomopathogenic fungus, <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , <b>2013</b> , 15, 2902-21	5.2	41
89	Use of uridine auxotrophy ( <i>ura3</i> ) for markerless transformation of the mycoinsecticide <i>Beauveria bassiana</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2013</b> , 97, 3017-25	5.7	17
88	Insight into the transcriptional regulation of <i>Msn2</i> required for conidiation, multi-stress responses and virulence of two entomopathogenic fungi. <i>Fungal Genetics and Biology</i> , <b>2013</b> , 54, 42-51	3.9	52
87	A putative $\beta$ -glucoside transporter gene <i>BbAGT1</i> contributes to carbohydrate utilization, growth, conidiation and virulence of filamentous entomopathogenic fungus <i>Beauveria bassiana</i> . <i>Research in Microbiology</i> , <b>2013</b> , 164, 480-9	4	10
86	Catalases play differentiated roles in the adaptation of a fungal entomopathogen to environmental stresses. <i>Environmental Microbiology</i> , <b>2013</b> , 15, 409-18	5.2	93
85	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> , <b>2013</b> , 15, 447-62	5.2	42
84	Recognition of a core fragment of <i>Beauveria bassiana</i> hydrophobin gene promoter ( <i>P<sub>hyd1</sub></i> ) and its special use in improving fungal biocontrol potential. <i>Microbial Biotechnology</i> , <b>2013</b> , 6, 27-35	6.3	12
83	Differential contributions of five ABC transporters to multidrug resistance, antioxidation and virulence of <i>Beauveria bassiana</i> , an entomopathogenic fungus. <i>PLoS ONE</i> , <b>2013</b> , 8, e62179	3.7	15
82	The autophagy gene <i>BbATG5</i> , 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> , <b>2013</b> , 159, 243-252	2.9	40
81	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. <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 6452-8	4.8	13
80	Analysis of whitefly transcriptional responses to <i>Beauveria bassiana</i> infection reveals new insights into insect-fungus interactions. <i>PLoS ONE</i> , <b>2013</b> , 8, e68185	3.7	22
79	P-type calcium ATPase 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> , <b>2013</b> , 15, 967-79	5.2	35
78	Cytokinesis-required <i>Cdc14</i> is a signaling hub of asexual development and multi-stress tolerance in <i>Beauveria bassiana</i> . <i>Scientific Reports</i> , <b>2013</b> , 3, 3086	4.9	29
77	The combination of glycerol metabolic engineering and drug resistance marker-aided genome shuffling to improve very-high-gravity fermentation performances of industrial <i>Saccharomyces cerevisiae</i> . <i>Bioresource Technology</i> , <b>2012</b> , 108, 203-10	11	30
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75	Primary roles of two dehydrogenases in the mannitol metabolism and multi-stress tolerance of entomopathogenic fungus <i>Beauveria bassiana</i> . <i>Environmental Microbiology</i> , <b>2012</b> , 14, 2139-50	5.2	56
74	The role of temperature on in vivo resting spore formation of the aphid-specific pathogen <i>Pandora nouryi</i> (Zygomycota: Entomophthorales) under winter field conditions. <i>Biocontrol Science and Technology</i> , <b>2012</b> , 22, 93-100	1.7	3
73	Genomic perspectives on the evolution of fungal entomopathogenicity in <i>Beauveria bassiana</i> . <i>Scientific Reports</i> , <b>2012</b> , 2, 483	4.9	413



72	Rapid production of maggots as feed supplement and organic fertilizer by the two-stage composting of pig manure. <i>Bioresource Technology</i> , <b>2012</b> , 116, 485-91	11	44
71	Glycine feeding improves pristinamycin production during fermentation including resin for in situ separation. <i>Bioprocess and Biosystems Engineering</i> , <b>2012</b> , 35, 513-7	3.7	7
70	Additive contributions of two manganese-cored superoxide dismutases (MnSODs) to antioxidation, UV tolerance and virulence of <i>Beauveria bassiana</i> . <i>PLoS ONE</i> , <b>2012</b> , 7, e30298	3.7	107
69	In vivo passages of heterologous <i>Beauveria bassiana</i> isolates improve conidial surface properties and pathogenicity to <i>Nilaparvata lugens</i> (Homoptera: Delphacidae). <i>Journal of Invertebrate Pathology</i> , <b>2011</b> , 106, 211-6	2.6	11
68	Characterization of <i>Beauveria bassiana</i> neutral trehalase (BbNTH1) and recognition of crucial stress-responsive elements to control its expression in response to multiple stresses. <i>Microbiological Research</i> , <b>2011</b> , 166, 282-93	5.3	14
67	Integration of <i>Escherichia coli</i> thioredoxin (trxA) into <i>Beauveria bassiana</i> enhances the fungal tolerance to the stresses of oxidation, heat and UV-B irradiation. <i>Biological Control</i> , <b>2011</b> , 59, 255-260	3.8	15
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58	Gene cloning and catalysis features of a new mannitol-1-phosphate dehydrogenase (BbMPD) from <i>Beauveria bassiana</i> . <i>Carbohydrate Research</i> , <b>2010</b> , 345, 50-4	2.9	6
57	In vitro and in vivo responses of fungal biocontrol agents to gradient doses of UV-B and UV-A irradiation. <i>BioControl</i> , <b>2010</b> , 55, 413-422	2.3	35
56	Hydrophobicity-related protein contents and surface areas of aerial conidia are useful traits for formulation design of fungal biocontrol agents. <i>Mycopathologia</i> , <b>2010</b> , 169, 483-94	2.9	12
55	Improved sporulation of alginate pellets entrapping <i>Pandora nouryi</i> and millet powder and their potential to induce an aphid epizootic in field cages after release. <i>Biological Control</i> , <b>2010</b> , 54, 153-158	3.8	8

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46	Sprays of emulsifiable <i>Beauveria bassiana</i> formulation are ovicidal towards <i>Tetranychus urticae</i> (Acari: Tetranychidae) at various regimes of temperature and humidity <b>2008</b> , 247-257		2
45	A cuticle-degrading protease (CDEP-1) of <i>Beauveria bassiana</i> enhances virulence. <i>Biocontrol Science and Technology</i> , <b>2008</b> , 18, 543-555	1.7	41
44	Field trials of four formulations of <i>Beauveria bassiana</i> and <i>Metarhizium anisopliae</i> for control of cotton spider mites (Acari: Tetranychidae) in the Tarim Basin of China. <i>Biological Control</i> , <b>2008</b> , 45, 48-55 <sup>3.8</sup>		33
43	Time-concentration-mortality responses of carmine spider mite (Acari: Tetranychidae) females to three hypocrealean fungi as biocontrol agents. <i>Biological Control</i> , <b>2008</b> , 46, 495-501	3.8	30
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40	Sprays of emulsifiable <i>Beauveria bassiana</i> formulation are ovicidal towards <i>Tetranychus urticae</i> (Acari: Tetranychidae) at various regimes of temperature and humidity. <i>Experimental and Applied Acarology</i> , <b>2008</b> , 46, 247-57	2.1	11
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33	Characterization of chimeric <i>Bacillus thuringiensis</i> Vip3 toxins. <i>Applied and Environmental Microbiology</i> , <b>2007</b> , 73, 956-61	4.8	94
32	Enhanced frequency of <i>Beauveria bassiana</i> blastospore transformation by restriction enzyme-mediated integration and electroporation. <i>Journal of Microbiological Methods</i> , <b>2007</b> , 69, 512-7	2.8	11
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24	New solid-state fermentation chamber for bulk production of aerial conidia of fungal biocontrol agents on rice. <i>Biotechnology Letters</i> , <b>2006</b> , 28, 799-804	3	63
23	Compatibility of ten acaricides with <i>Beauveria bassiana</i> and enhancement of fungal infection to <i>Tetranychus cinnabarinus</i> (Acari: Tetranychidae) eggs by sublethal application rates of pyridaben. <i>Applied Entomology and Zoology</i> , <b>2005</b> , 40, 659-666	1.5	23
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