

# Sheng-Hua Ying

## 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.

114  
papers

3,053  
citations

28  
h-index

50  
g-index

125  
ext. papers

3,804  
ext. citations

4.6  
avg, IF

5.55  
L-index

#	Paper	IF	Citations
114	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
113	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
112	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
111	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
110	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
109	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
108	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
107	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
106	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
105	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
104	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
103	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
102	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
101	Opposite Nuclear Dynamics of Two FRH-Dominated Frequency Proteins Orchestrate Non-Rhythmic Conidiation in. <i>Cells</i> , <b>2020</b> , 9,	7.9	9
100	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
99	Mitochondrial fission is necessary for mitophagy, development and virulence of the insect pathogenic fungus <i>Beauveria bassiana</i> . <i>Journal of Applied Microbiology</i> , <b>2020</b> , 129, 411-421	4.7	9
98	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

97	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
96	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
95	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
94	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
93	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
92	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
91	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
90	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
89	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
88	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
87	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
86	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
85	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
84	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
83	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
82	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
81	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
80	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

79	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
78	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
77	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
76	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
75	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
74	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
73	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
72	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
71	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
70	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
69	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
68	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
67	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
66	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
65	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
64	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
63	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
62	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

61	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
60	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
59	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
58	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
57	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
56	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
55	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
54	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
53	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
52	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
51	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
50	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
49	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
48	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
47	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
46	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
45	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
44	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

43	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
42	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
41	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
40	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
39	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
38	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	3.9	17
37	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
36	Transcriptomic analysis reveals the potential antioxidant pathways regulated by multiprotein bridging factor 1 (BbMBF1) in the fungal entomopathogen <i>Beauveria bassiana</i> . <i>Biocontrol Science and Technology</i> , <b>2015</b> , 25, 1346-1358	1.7	2
35	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
34	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
33	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
32	Interaction between TATA-Binding Protein (TBP) and Multiprotein Bridging Factor-1 (MBF1) from the Filamentous Insect Pathogenic Fungus <i>Beauveria bassiana</i> . <i>PLoS ONE</i> , <b>2015</b> , 10, e0140538	3.7	8
31	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
30	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
29	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
28	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
27	Five vacuolar Ca <sup>2+</sup> exchangers play different roles in calcineurin-dependent Ca <sup>2+</sup> /Mn <sup>2+</sup> tolerance, multistress responses and virulence of a filamentous entomopathogen. <i>Fungal Genetics and Biology</i> , <b>2014</b> , 73, 12-9	3.9	11
26	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



25	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
24	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
23	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
22	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
21	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
20	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
19	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
18	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
17	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
16	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
15	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
14	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
13	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
12	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
11	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
10	Additive contributions of two manganese-cored superoxide dismutases ( <i>MnSODs</i> ) to antioxidation, UV tolerance and virulence of <i>Beauveria bassiana</i> . <i>PLoS ONE</i> , <b>2012</b> , 7, e30298	3.7	107
9	A conidial protein ( <i>CP15</i> ) 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> , <b>2011</b> , 90, 1711-20	5.7	14
8	Genome sequencing and comparative transcriptomics of the model entomopathogenic fungi <i>Metarhizium anisopliae</i> and <i>M. acridum</i> . <i>PLoS Genetics</i> , <b>2011</b> , 7, e1001264	6	461

7	Characterization of a thioredoxin (BbTrx) from the entomopathogenic fungus <i>Beauveria bassiana</i> and its expression in response to thermal stress. <i>Canadian Journal of Microbiology</i> , <b>2010</b> , 56, 934-42	3.2	8
6	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
5	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> , <b>2007</b> , 53, 309-14	1.5	6
4	Aphid dispersal flight disseminates fungal pathogens and parasitoids as natural control agents of aphids. <i>Ecological Entomology</i> , <b>2007</b> , 32, 97-104	2.1	46
3	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> , <b>2006</b> , 72, 206-210	5.7	83
2	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> , <b>2006</b> , 43, 331-5	2.9	30
1	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> , <b>2004</b> , 97, 323-31	4.7	60