

Ming Sun

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/222521/ming-sun-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

146
papers

2,868
citations

29
h-index

44
g-index

153
ext. papers

3,521
ext. citations

4.7
avg, IF

4.97
L-index

#	Paper	IF	Citations
146	Systemic mitochondrial disruption is a key event in the toxicity of bacterial pore-forming toxins to <i>Caenorhabditis elegans</i> . <i>Environmental Microbiology</i> , 2021 , 23, 4896-4907	5.2	0
145	Elucidation of the Pathogenicity-Associated Regulatory Network in <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . <i>MSystems</i> , 2021 , 6,	7.6	1
144	BtToxin_Digger: a comprehensive and high-throughput pipeline for mining toxin protein genes from <i>Bacillus thuringiensis</i> . <i>Bioinformatics</i> , 2021 ,	7.2	4
143	<i>Oceanomicrobium pacificus</i> gen. nov., sp. nov., a member of the family Rhodobacteraceae isolated from seawater of tropical western Pacific. <i>Antonie Van Leeuwenhoek</i> , 2021 , 114, 303-311	2.1	1
142	The <i>Caenorhabditis elegans</i> CUB-like-domain containing protein RBT-1 functions as a receptor for <i>Bacillus thuringiensis</i> Cry6Aa toxin. <i>PLoS Pathogens</i> , 2020 , 16, e1008501	7.6	3
141	Analysis Highlights the Diversity and Novelty of Circular Bacteriocins in Sequenced Microbial Genomes. <i>MSystems</i> , 2020 , 5,	7.6	10
140	The CRISPR-Cas systems were selectively inactivated during evolution of <i>Bacillus cereus</i> group for adaptation to diverse environments. <i>ISME Journal</i> , 2020 , 14, 1479-1493	11.9	11
139	Multi-copy alpha-amylase genes are crucial for <i>Ditylenchus destructor</i> to parasitize the plant host. <i>PLoS ONE</i> , 2020 , 15, e0240805	3.7	0
138	Endophyte evade plant defense by producing lantibiotic subtilomycin to mask self-produced flagellin. <i>Communications Biology</i> , 2019 , 2, 368	6.7	27
137	<i>Bacillus thuringiensis</i> targets the host intestinal epithelial junctions for successful infection of <i>Caenorhabditis elegans</i> . <i>Environmental Microbiology</i> , 2019 , 21, 1086-1098	5.2	9
136	Nematode-specific cadherin CDH-8 acts as a receptor for Cry5B toxin in <i>Caenorhabditis elegans</i> . <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 3663-3673	5.7	7
135	A minireplicon of plasmid pBMB26 represents a new typical replicon in the megaplasmids of <i>Bacillus cereus</i> group. <i>Journal of Basic Microbiology</i> , 2018 , 58, 263-272	2.7	1
134	Small RNA-mediated Cry toxin silencing allows <i>Bacillus thuringiensis</i> to evade <i>Caenorhabditis elegans</i> avoidance behavioral defenses. <i>Nucleic Acids Research</i> , 2018 , 46, 159-173	20.1	7
133	Whole-Genome Analysis of <i>Bacillus thuringiensis</i> Revealing Partial Genes as a Source of Novel Cry Toxins. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	11
132	<i>Bacillus thuringiensis</i> produces the lipopeptide thumolycin to antagonize microbes and nematodes. <i>Microbiological Research</i> , 2018 , 215, 22-28	5.3	4
131	Isolation and characterization of a novel phage Xoo-sp2 that infects <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . <i>Journal of General Virology</i> , 2018 , 99, 1453-1462	4.9	16
130	Single Amino Acid Substitution in Homogentisate Dioxygenase Affects Melanin Production in. <i>Frontiers in Microbiology</i> , 2018 , 9, 2242	5.7	6

129	Genetic and Biochemical Characterization of a Gene Operon for α -Aconitic Acid, a Novel Nematicide from. <i>Journal of Biological Chemistry</i> , 2017 , 292, 3517-3530	5.4	23
128	Data on genome analysis of LS69. <i>Data in Brief</i> , 2017 , 13, 1-5	1.2	2
127	Whole-genome sequencing of <i>Bacillus velezensis</i> LS69, a strain with a broad inhibitory spectrum against pathogenic bacteria. <i>Journal of Biotechnology</i> , 2017 , 249, 20-24	3.7	33
126	Complete genome sequence of <i>Fictibacillus arsenicus</i> G25-54, a strain with toxicity to nematodes. <i>Journal of Biotechnology</i> , 2017 , 241, 98-100	3.7	6
125	Dissimilar Crystal Proteins Cry5Ca1 and Cry5Da1 Synergistically Act against <i>Meloidogyne incognita</i> and Delay Cry5Ba-Based Nematode Resistance. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	5
124	Comparative Genomics of Reveals a Path to Specialized Exploitation of Multiple Invertebrate Hosts. <i>MBio</i> , 2017 , 8,	7.8	31
123	Diversity in S-layers. <i>Progress in Biophysics and Molecular Biology</i> , 2017 , 123, 1-15	4.7	19
122	The <i>Ditylenchus destructor</i> genome provides new insights into the evolution of plant parasitic nematodes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016 , 283,	4.4	19
121	A novel serine protease, Sep1, from <i>Bacillus firmus</i> DS-1 has nematocidal activity and degrades multiple intestinal-associated nematode proteins. <i>Scientific Reports</i> , 2016 , 6, 25012	4.9	43
120	A novel metalloproteinase virulence factor is involved in <i>Bacillus thuringiensis</i> pathogenesis in nematodes and insects. <i>Environmental Microbiology</i> , 2016 , 18, 846-62	5.2	31
119	Mob/oriT, a mobilizable site-specific recombination system for unmarked genetic manipulation in <i>Bacillus thuringiensis</i> and <i>Bacillus cereus</i> . <i>Microbial Cell Factories</i> , 2016 , 15, 108	6.4	6
118	Complete genome sequence of <i>Bacillus thuringiensis</i> CTC-A typical strain with high production of S-layer proteins. <i>Journal of Biotechnology</i> , 2016 , 220, 100-1	3.7	7
117	<i>Alcaligenes faecalis</i> ZD02, a Novel Nematicidal Bacterium with an Extracellular Serine Protease Virulence Factor. <i>Applied and Environmental Microbiology</i> , 2016 , 82, 2112-2120	4.8	14
116	The complete genome sequence of <i>Alcaligenes faecalis</i> ZD02, a novel potential bionematocide. <i>Journal of Biotechnology</i> , 2016 , 218, 73-4	3.7	8
115	<i>Bacillus thuringiensis</i> Crystal Protein Cry6Aa Triggers <i>Caenorhabditis elegans</i> Necrosis Pathway Mediated by Aspartic Protease (ASP-1). <i>PLoS Pathogens</i> , 2016 , 12, e1005389	7.6	37
114	Thusin, a Novel Two-Component Lantibiotic with Potent Antimicrobial Activity against Several Gram-Positive Pathogens. <i>Frontiers in Microbiology</i> , 2016 , 7, 1115	5.7	26
113	Crystal structure of Cry6Aa: A novel nematicidal ClyA-type β -pore-forming toxin from <i>Bacillus thuringiensis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2016 , 478, 307-313	3.4	11
112	Curing of plasmid pBMB28 from <i>Bacillus thuringiensis</i> YBT-020 using an unstable replication region. <i>Journal of Basic Microbiology</i> , 2016 , 56, 206-10	2.7	3

111	Two overlapping two-component systems in <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> contribute to full fitness in rice by regulating virulence factors expression. <i>Scientific Reports</i> , 2016 , 6, 22768	4.9	14
110	Nematicidal spore-forming Bacilli share similar virulence factors and mechanisms. <i>Scientific Reports</i> , 2016 , 6, 31341	4.9	16
109	Complete genome sequence of <i>Fictibacillus phosphorivorans</i> G25-29, a strain toxic to nematodes. <i>Journal of Biotechnology</i> , 2016 , 239, 20-22	3.7	5
108	Complete genome sequence of <i>Bacillus thuringiensis</i> serovar <i>alesti</i> BGSC 4C1, a typical strain with toxicity to Lepidoptera insects. <i>Journal of Biotechnology</i> , 2016 , 239, 61-64	3.7	6
107	Plasmids are vectors for redundant chromosomal genes in the <i>Bacillus cereus</i> group. <i>BMC Genomics</i> , 2015 , 16, 6	4.5	22
106	Three Novel Lantibiotics, Ticins A1, A3, and A4, Have Extremely Stable Properties and Are Promising Food Biopreservatives. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 6964-72	4.8	19
105	Crystal structure of Cry51Aa1: A potential novel insecticidal aerolysin-type spore-forming toxin from <i>Bacillus thuringiensis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2015 , 462, 184-9	3.4	20
104	Are nematodes a missing link in the confounded ecology of the entomopathogen <i>Bacillus thuringiensis</i> ?. <i>Trends in Microbiology</i> , 2015 , 23, 341-6	12.4	43
103	Complete genome sequence of <i>Bacillus thuringiensis</i> <i>tenebrionis</i> 4AA1, a typical strain with toxicity to Coleopteran insects. <i>Journal of Biotechnology</i> , 2015 , 204, 15-6	3.7	5
102	A Genomic View of Lactobacilli and Pediococci Demonstrates that Phylogeny Matches Ecology and Physiology. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 7233-43	4.8	135
101	Is There Sufficient Evidence to Consider <i>Bacillus thuringiensis</i> a Multihost Pathogen? Response to Loguercio and Argib-Filho. <i>Trends in Microbiology</i> , 2015 , 23, 587	12.4	48
100	Diversity and dynamics of bacteriocins from human microbiome. <i>Environmental Microbiology</i> , 2015 , 17, 2133-43	5.2	66
99	Polyamidoamine functionalized CdTeSe quantum dots for sensitive detection of Cry1Ab protein in vitro and in vivo. <i>Sensors and Actuators B: Chemical</i> , 2015 , 206, 8-13	8.5	12
98	Genomic and transcriptomic insights into the efficient entomopathogenicity of <i>Bacillus thuringiensis</i> . <i>Scientific Reports</i> , 2015 , 5, 14129	4.9	22
97	Enhanced nematicidal potential of the chitinase pachi from <i>Pseudomonas aeruginosa</i> in association with Cry21Aa. <i>Scientific Reports</i> , 2015 , 5, 14395	4.9	18
96	A two-domain protein triggers heat shock pathway and necrosis pathway both in model plant and nematode. <i>Environmental Microbiology</i> , 2015 , 17, 4547-65	5.2	5
95	Draft Genome Sequence of <i>Listeria monocytogenes</i> LM201, Isolated from Foodstuff. <i>Genome Announcements</i> , 2015 , 3,		5
94	The expression and crystallization of Cry65Aa require two C-termini, revealing a novel evolutionary strategy of <i>Bacillus thuringiensis</i> Cry proteins. <i>Scientific Reports</i> , 2015 , 5, 8291	4.9	12

93	Systemic nematicidal activity and biocontrol efficacy of <i>Bacillus firmus</i> against the root-knot nematode <i>Meloidogyne incognita</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2015 , 31, 661-7	4.4	39
92	Complete genome sequence of <i>Bacillus thuringiensis</i> serovar <i>galleriae</i> strain HD-29, a typical strain of commercial biopesticide. <i>Journal of Biotechnology</i> , 2015 , 195, 108-9	3.7	12
91	The diverse nematicidal properties and biocontrol efficacy of <i>Bacillus thuringiensis</i> Cry6A against the root-knot nematode <i>Meloidogyne hapla</i> . <i>Journal of Invertebrate Pathology</i> , 2015 , 125, 73-80	2.6	34
90	The <i>Bacillus cereus</i> group is an excellent reservoir of novel lanthipeptides. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 1765-74	4.8	22
89	Function of global regulator CodY in <i>Bacillus thuringiensis</i> BMB171 by comparative proteomic analysis. <i>Journal of Microbiology and Biotechnology</i> , 2015 , 25, 152-61	3.3	9
88	Complete genome sequence of <i>Bacillus thuringiensis</i> YBT-1518, a typical strain with high toxicity to nematodes. <i>Journal of Biotechnology</i> , 2014 , 171, 1-2	3.7	24
87	ApnI, a transmembrane protein responsible for subtilomycin immunity, unveils a novel model for lantibiotic immunity. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 6303-15	4.8	8
86	High-quality draft genome sequence of nematocidal <i>Bacillus thuringiensis</i> Sbt003. <i>Standards in Genomic Sciences</i> , 2014 , 9, 624-31		3
85	Structural insights into <i>Bacillus thuringiensis</i> Cry, Cyt and parasporin toxins. <i>Toxins</i> , 2014 , 6, 2732-70	4.9	96
84	Thuringiensin: a thermostable secondary metabolite from <i>Bacillus thuringiensis</i> with insecticidal activity against a wide range of insects. <i>Toxins</i> , 2014 , 6, 2229-38	4.9	28
83	Draft genome sequence of <i>Bacillus firmus</i> DS1. <i>Journal of Biotechnology</i> , 2014 , 177, 20-1	3.7	8
82	Distribution of 2-kb miniplasmid pBMB2062 from <i>Bacillus thuringiensis</i> kurstaki YBT-1520 strain in <i>Bacillus</i> species. <i>Annals of Microbiology</i> , 2013 , 63, 1639-1644	3.2	2
81	A <i>Bacillus thuringiensis</i> host strain with high melanin production for preparation of light-stable biopesticides. <i>Annals of Microbiology</i> , 2013 , 63, 1131-1135	3.2	15
80	Combining antagonistic endophytic bacteria in different growth stages of cotton for control of <i>Verticillium</i> wilt. <i>Crop Protection</i> , 2013 , 47, 17-23	2.7	26
79	The resolution and regeneration of a cointegrate plasmid reveals a model for plasmid evolution mediated by conjugation and oriT site-specific recombination. <i>Environmental Microbiology</i> , 2013 , 15, 3305-18	5.2	20
78	Evolution and dynamics of megaplasmids with genome sizes larger than 100 kb in the <i>Bacillus cereus</i> group. <i>BMC Evolutionary Biology</i> , 2013 , 13, 262	3	27
77	<i>Bacillus thuringiensis</i> metalloproteinase Bmp1 functions as a nematicidal virulence factor. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 460-8	4.8	40
76	<i>Micromonospora wenchangensis</i> sp. nov., isolated from mangrove soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 2389-2395	2.2	12

75	Gene expression responses to <i>Riemerella anatipestifer</i> infection in the liver of ducks. <i>Avian Pathology</i> , 2013 , 42, 129-36	2.4	13
74	Differentiation of <i>Bacillus anthracis</i> , <i>B. cereus</i> , and <i>B. thuringiensis</i> on the basis of the <i>csaB</i> gene reflects host source. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 3860-3	4.8	9
73	Cloning and analysis of a large plasmid pBMB165 from <i>Bacillus thuringiensis</i> revealed a novel plasmid organization. <i>PLoS ONE</i> , 2013 , 8, e81746	3.7	4
72	Cyclodextrin glycosyltransferase encoded by a gene of <i>Paenibacillus azotofixans</i> YUPP-5 exhibited a new function to hydrolyze polysaccharides with β 1,4 linkage. <i>Enzyme and Microbial Technology</i> , 2012 , 50, 151-7	3.8	11
71	Comparative proteomic analysis revealed metabolic changes and the translational regulation of Cry protein synthesis in <i>Bacillus thuringiensis</i> . <i>Journal of Proteomics</i> , 2012 , 75, 1235-46	3.9	17
70	Proteomic analysis of <i>Bacillus thuringiensis</i> β haC mutant BMB171/PHB(-1) reveals that the PHB synthetic pathway warrants normal carbon metabolism. <i>Journal of Proteomics</i> , 2012 , 75, 5176-88	3.9	15
69	In vitro uptake of 140 kDa <i>Bacillus thuringiensis</i> nematocidal crystal proteins by the second stage juvenile of <i>Meloidogyne hapla</i> . <i>PLoS ONE</i> , 2012 , 7, e38534	3.7	29
68	Improvement of crystal solubility and increasing toxicity against <i>Caenorhabditis elegans</i> by asparagine substitution in block 3 of <i>Bacillus thuringiensis</i> crystal protein Cry5Ba. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 7197-204	4.8	14
67	Mining new crystal protein genes from <i>Bacillus thuringiensis</i> on the basis of mixed plasmid-enriched genome sequencing and a computational pipeline. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 4795-801	4.8	67
66	Gene clusters located on two large plasmids determine spore crystal association (SCA) in <i>Bacillus thuringiensis</i> subsp. <i>finitimus</i> strain YBT-020. <i>PLoS ONE</i> , 2011 , 6, e27164	3.7	17
65	Protein elicitor PemG1 from <i>Magnaporthe grisea</i> induces systemic acquired resistance (SAR) in plants. <i>Molecular Plant-Microbe Interactions</i> , 2011 , 24, 1239-46	3.6	30
64	Single cysteine substitution in <i>Bacillus thuringiensis</i> Cry7Ba1 improves the crystal solubility and produces toxicity to <i>Plutella xylostella</i> larvae. <i>Environmental Microbiology</i> , 2011 , 13, 2820-31	5.2	14
63	Synergistic activity between <i>Bacillus thuringiensis</i> Cry6Aa and Cry55Aa toxins against <i>Meloidogyne incognita</i> . <i>Microbial Biotechnology</i> , 2011 , 4, 794-8	6.3	28
62	<i>Streptomyces shenzhenensis</i> sp. nov., a novel actinomycete isolated from mangrove sediment. <i>Antonie Van Leeuwenhoek</i> , 2011 , 100, 631-7	2.1	15
61	Proteomic analysis reveals the strategies of <i>Bacillus thuringiensis</i> YBT-1520 for survival under long-term heat stress. <i>Proteomics</i> , 2011 , 11, 2580-91	4.8	22
60	<i>Nonomuraea wenchangensis</i> sp. nov., isolated from mangrove rhizosphere soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 1304-1308	2.2	23
59	Validation of the intact zwittermicin A biosynthetic gene cluster and discovery of a complementary resistance mechanism in <i>Bacillus thuringiensis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 4161-9	5.9	27
58	Complete genome sequence of <i>Bacillus thuringiensis</i> serovar <i>finitimus</i> strain YBT-020. <i>Journal of Bacteriology</i> , 2011 , 193, 2379-80	3.5	25

57	Complete genome sequence of <i>Bacillus subtilis</i> BSn5, an endophytic bacterium of <i>Amorphophallus konjac</i> with antimicrobial activity for the plant pathogen <i>Erwinia carotovora</i> subsp. <i>carotovora</i> . <i>Journal of Bacteriology</i> , 2011 , 193, 2070-1	3.5	78
56	Genome sequence of poultry pathogen <i>Riemerella anatipestifer</i> strain RA-YM. <i>Journal of Bacteriology</i> , 2011 , 193, 1284-5	3.5	21
55	Complete genome sequence of <i>Bacillus thuringiensis</i> subsp. <i>chinensis</i> strain CT-43. <i>Journal of Bacteriology</i> , 2011 , 193, 3407-8	3.5	49
54	Determination of plasmid copy number reveals the total plasmid DNA amount is greater than the chromosomal DNA amount in <i>Bacillus thuringiensis</i> YBT-1520. <i>PLoS ONE</i> , 2011 , 6, e16025	3.7	39
53	Two groups of S-layer proteins, SLP1s and SLP2s, in <i>Bacillus thuringiensis</i> co-exist in the S-layer and in parasporal inclusions. <i>BMB Reports</i> , 2011 , 44, 323-8	5.5	5
52	Prevalence and diversity of insertion sequences in the genome of <i>Bacillus thuringiensis</i> YBT-1520 and comparison with other <i>Bacillus cereus</i> group members. <i>FEMS Microbiology Letters</i> , 2010 , 310, 9-16	2.9	14
51	Genome-wide screening reveals the genetic determinants of an antibiotic insecticide in <i>Bacillus thuringiensis</i> . <i>Journal of Biological Chemistry</i> , 2010 , 285, 39191-200	5.4	47
50	Complete genome sequence of <i>Bacillus thuringiensis</i> mutant strain BMB171. <i>Journal of Bacteriology</i> , 2010 , 192, 4074-5	3.5	73
49	Enhancing Cry1Ac toxicity by expression of the <i>Helicoverpa armigera</i> cadherin fragment in <i>Bacillus thuringiensis</i> . <i>Research in Microbiology</i> , 2010 , 161, 383-9	4	13
48	<i>Helicoverpa armigera</i> cadherin fragment enhances Cry1Ac insecticidal activity by facilitating toxin-oligomer formation. <i>Applied Microbiology and Biotechnology</i> , 2010 , 85, 1033-40	5.7	37
47	Microcalorimetric Study of the Biological Effects of Zn ²⁺ on <i>Bacillus thuringiensis</i> Growth. <i>Chinese Journal of Chemistry</i> , 2010 , 20, 746-752	4.9	1
46	<i>Bacillus thuringiensis</i> bel protein enhances the toxicity of Cry1Ac protein to <i>Helicoverpa armigera</i> larvae by degrading insect intestinal mucin. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 5237-43	4.8	61
45	Transgenic <i>Amorphophallus konjac</i> expressing synthesized acyl-homoserine lactonase (<i>aiiA</i>) gene exhibit enhanced resistance to soft rot disease. <i>Plant Cell Reports</i> , 2009 , 28, 1847-55	5.1	35
44	Construction of an <i>Escherichia coli</i> to <i>Bacillus thuringiensis</i> shuttle vector for large DNA fragments. <i>Applied Microbiology and Biotechnology</i> , 2009 , 82, 765-72	5.7	14
43	Promoters of crystal protein genes do not control crystal formation inside exosporium of <i>Bacillus thuringiensis</i> ssp. <i>finitimus</i> strain YBT-020. <i>FEMS Microbiology Letters</i> , 2009 , 300, 11-7	2.9	15
42	Displaying the protein of <i>Mycoplasma gallisepticum</i> agglutinin on the cell surface of <i>Bacillus thuringiensis</i> with the S-layer protein. <i>Veterinary Microbiology</i> , 2008 , 130, 99-106	3.3	10
41	L-2,3-diaminopropionate: one of the building blocks for the biosynthesis of Zwittermicin A in <i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i> strain YBT-1520. <i>FEBS Letters</i> , 2008 , 582, 3125-31	3.8	21
40	New strategy for isolating novel nematocidal crystal protein genes from <i>Bacillus thuringiensis</i> strain YBT-1518. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 6997-7001	4.8	64

39	Bacillus thuringiensis crystal protein toxicity against plant-parasitic nematodes. <i>Chinese Journal of Agricultural Biotechnology</i> , 2008 , 5, 13-17		4
38	Expressing activator protein Ap36 in Bacillus thuringiensis and the function of the recombinated strain on disease resistance. <i>Chinese Journal of Agricultural Biotechnology</i> , 2008 , 5, 121-126		
37	Display of avian influenza virus nucleoprotein on Bacillus thuringiensis cell surface using CTC as a fusion partner. <i>Applied Microbiology and Biotechnology</i> , 2008 , 78, 669-76	5-7	14
36	Novel roles of Bacillus thuringiensis to control plant diseases. <i>Applied Microbiology and Biotechnology</i> , 2008 , 80, 563-72	5-7	61
35	Carboxy-terminal half of Cry1C can help vegetative insecticidal protein to form inclusion bodies in the mother cell of Bacillus thuringiensis. <i>Applied Microbiology and Biotechnology</i> , 2008 , 80, 647-54	5-7	17
34	Influence of formate on bioactivity material-thuringiensin synthesized by Bacillus thuringiensis YBT-032. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2008 , 23, 691-693	1	
33	N-Acyl homoserine lactonase promotes prevention of Erwinia virulence with zwittermicin A-producing strain Bacillus cereus. <i>Biotechnology and Bioengineering</i> , 2008 , 100, 599-603	4-9	14
32	Co-producing lipopeptides and poly-gamma-glutamic acid by solid-state fermentation of Bacillus subtilis using soybean and sweet potato residues and its biocontrol and fertilizer synergistic effects. <i>Bioresource Technology</i> , 2008 , 99, 3318-23	11	80
31	Toxicological safety assessment of genetically modified Bacillus thuringiensis with additional N-acyl homoserine lactonase gene. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 188-95	3-8	2
30	A new group of parasporal inclusions encoded by the S-layer gene of Bacillus thuringiensis. <i>FEMS Microbiology Letters</i> , 2008 , 282, 1-7	2-9	14
29	Complete nucleotide sequence of pBMB67, a 67-kb plasmid from Bacillus thuringiensis strain YBT-1520. <i>Plasmid</i> , 2007 , 57, 44-54	3-3	17
28	Identification of three Zwittermicin A biosynthesis-related genes from Bacillus thuringiensis subsp. kurstaki strain YBT-1520. <i>Archives of Microbiology</i> , 2007 , 187, 313-9	3	20
27	A novel cryptic plasmid pBMB175 from Bacillus thuringiensis subsp. tenebrionis YBT-1765. <i>Archives of Microbiology</i> , 2007 , 188, 47-53	3	5
26	Expression of Vitreoscilla hemoglobin in Bacillus thuringiensis improve the cell density and insecticidal crystal proteins yield. <i>Applied Microbiology and Biotechnology</i> , 2007 , 74, 390-7	5-7	22
25	Fusion of the genes for AHL-lactonase and S-layer protein in Bacillus thuringiensis increases its ability to inhibit soft rot caused by Erwinia carotovora. <i>Applied Microbiology and Biotechnology</i> , 2007 , 74, 667-75	5-7	25
24	Cloning and characterization of pBMB9741, a native plasmid of Bacillus thuringiensis subsp. kurstaki strain YBT-1520. <i>Current Microbiology</i> , 2007 , 55, 302-7	2-4	6
23	A fundamental dual regulatory role of citrate on the biosyntheses of thuringiensin and poly-beta-hydroxybutyrate in Bacillus thuringiensis YBT-032. <i>Biotechnology Letters</i> , 2007 , 29, 779-84	3	4
22	A fundamental regulatory role of formate on thuringiensin production by resting cell of Bacillus thuringiensis YBT-032. <i>Bioprocess and Biosystems Engineering</i> , 2007 , 30, 225-9	3-7	3

21	Display of H5N1 Avian influenza virus haemagglutinin HA1 on <i>Bacillus thuringiensis</i> cell surface and its immunogenicity for mice. <i>Chinese Journal of Agricultural Biotechnology</i> , 2007 , 4, 221-228		
20	Safety assessment of transgenic <i>Bacillus thuringiensis</i> with VIP insecticidal protein gene by feeding studies. <i>Food and Chemical Toxicology</i> , 2007 , 45, 1179-85	4.7	18
19	Molecular characterization of a DNA fragment harboring the replicon of pBMB165 from <i>Bacillus thuringiensis</i> subsp. <i>tenebrionis</i> . <i>BMC Genomics</i> , 2006 , 7, 270	4.5	11
18	Restraining <i>Erwinia</i> virulence by expression of N-acyl homoserine lactonase gene pro3A-aiiA in <i>Bacillus thuringiensis</i> subsp. <i>leesis</i> . <i>Biotechnology and Bioengineering</i> , 2006 , 95, 526-32	4.9	20
17	Ethanol tolerance, yield of melanin, swarming motility and growth are correlated with the expression levels of aiiA gene in <i>Bacillus thuringiensis</i> . <i>Enzyme and Microbial Technology</i> , 2006 , 38, 967-974	3.8	7
16	High yield of poly-gamma-glutamic acid from <i>Bacillus subtilis</i> by solid-state fermentation using swine manure as the basis of a solid substrate. <i>Bioresource Technology</i> , 2005 , 96, 1872-9	11	46
15	Improved production of insecticidal proteins in <i>Bacillus thuringiensis</i> strains carrying an additional cry1C gene in its chromosome. <i>Biotechnology and Bioengineering</i> , 2005 , 92, 1-7	4.9	11
14	Broadening the insecticidal spectrum of Lepidoptera-specific <i>Bacillus thuringiensis</i> strains by chromosomal integration of cry3A. <i>Biotechnology and Bioengineering</i> , 2005 , 91, 296-303	4.9	8
13	Medium optimization by response surface methodology for poly-gamma-glutamic acid production using dairy manure as the basis of a solid substrate. <i>Applied Microbiology and Biotechnology</i> , 2005 , 69, 390-6	5.7	46
12	Capacity of <i>Bacillus thuringiensis</i> S-layer protein displaying polyhistidine peptides on the cell surface. <i>Applied Biochemistry and Biotechnology</i> , 2004 , 119, 133-43	3.2	9
11	Protection of mice infected with <i>Plasmodium berghei</i> by <i>Bacillus thuringiensis</i> crystal proteins. <i>Parasitology Research</i> , 2004 , 92, 53-7	2.4	10
10	Study of the thermokinetic properties of copper(II) on <i>Escherichia coli</i> growth. <i>Biological Trace Element Research</i> , 2003 , 92, 61-70	4.5	4
9	Microcalorimetric investigation of the effect of manganese(II) on the growth of <i>Tetrahymena shanghaiensis</i> S199. <i>Biological Trace Element Research</i> , 2003 , 92, 71-82	4.5	12
8	Determination of spore concentration in <i>Bacillus thuringiensis</i> through the analysis of dipicolinate by capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2003 , 994, 207-12	4.5	22
7	Recent developments in the biotechnology of <i>Bacillus thuringiensis</i> . <i>Biotechnology Advances</i> , 2000 , 18, 143-5	17.8	1
6	Build a Bioinformatics Analysis Platform and Apply it to Routine Analysis of Microbial Genomics and Comparative Genomics		2
5	Build a Bioinformatics Analysis Platform and Apply it to Routine Analysis of Microbial Genomics and Comparative Genomics		2
4	Build a Bioinformatics Analysis Platform and Apply it to Routine Analysis of Microbial Genomics and Comparative Genomics		3

3	Population genomics and pathotypic evaluation of the bacterial leaf blight pathogen of rice reveals rapid evolutionary dynamics of a plant pathogen	1
2	BtToxin_Digger: a comprehensive and high-throughput pipeline for mining toxin protein genes from <i>Bacillus thuringiensis</i>	4
1	Build a Bioinformatic Analysis Platform and Apply it to Routine Analysis of Microbial Genomics and Comparative Genomics	4