

Xiaomin Hu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Characterization and heterologous expression of a novel Co ²⁺ -dependent leucyl aminopeptidase Amp0279 originating from <i>Lysinibacillus sphaericus</i> . <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 1139-1149.	3.6	1
2	Influence of the Phagemid PfNC7401 on Cereulide-Producing <i>Bacillus cereus</i> NC7401. <i>Microorganisms</i> , 2022, 10, 953.	3.6	1
3	Horizontal transfer of large plasmid with type IV secretion system and mosquitocidal genomic island with excision and integration capabilities in <i>Lysinibacillus sphaericus</i> . <i>Environmental Microbiology</i> , 2021, 23, 5131-5146.	3.8	5
4	Characterization of two newly isolated bacteriophages PW2 and PW4 and derived endolysins with lysis activity against <i>Bacillus cereus</i> group strains. <i>Virus Research</i> , 2021, 302, 198489.	2.2	6
5	Application of <i>Bacillus thuringiensis</i> strains with conjugal and mobilizing capability drives gene transmissibility within <i>Bacillus cereus</i> group populations in confined habitats. <i>BMC Microbiology</i> , 2020, 20, 363.	3.3	2
6	Characterization of a Novel Tanay Virus Isolated From <i>Anopheles sinensis</i> Mosquitoes in Yunnan, China. <i>Frontiers in Microbiology</i> , 2019, 10, 1963.	3.5	12
7	Effects of Propoxur Exposure on Insecticidal Susceptibility and Developmental Traits in <i>Culex pipiens quinquefasciatus</i> . <i>Insects</i> , 2019, 10, 288.	2.2	3
8	Mosquitoes of Etiological Concern in Kenya and Possible Control Strategies. <i>Insects</i> , 2019, 10, 173.	2.2	17
9	CesH Represses Cereulide Synthesis as an Alpha/Beta Fold Hydrolase in <i>Bacillus cereus</i> . <i>Toxins</i> , 2019, 11, 231.	3.4	8
10	Characterization of Ebinur Lake Virus and Its Human Seroprevalence at the China-Kazakhstan Border. <i>Frontiers in Microbiology</i> , 2019, 10, 3111.	3.5	14
11	Regulator DegU is required for multicellular behavior in <i>Lysinibacillus sphaericus</i> . <i>Research in Microbiology</i> , 2018, 169, 177-187.	2.1	8
12	vB_LspM-01: a novel myovirus displaying pseudolysogeny in <i>Lysinibacillus sphaericus</i> C3-41. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 10691-10702.	3.6	1
13	A toxin-antitoxin system is essential for the stability of mosquitocidal plasmid pBsph of <i>Lysinibacillus sphaericus</i> . <i>Microbiological Research</i> , 2018, 214, 114-122.	5.3	2
14	The LspC3-41 restriction-modification system is the major determinant for genetic manipulations of <i>Lysinibacillus sphaericus</i> C3-41. <i>BMC Microbiology</i> , 2017, 17, 116.	3.3	9
15	Characterization of three autolysins with activity against cereulide-producing <i>Bacillus</i> isolates in food matrices. <i>International Journal of Food Microbiology</i> , 2017, 241, 291-297.	4.7	12
16	Identification and genomic comparison of temperate bacteriophages derived from emetic <i>Bacillus cereus</i> . <i>PLoS ONE</i> , 2017, 12, e0184572.	2.5	20
17	Polyphosphate kinase of <i>Lysinibacillus sphaericus</i> and its effects on accumulation of polyphosphate and bacterial growth. <i>Microbiological Research</i> , 2015, 172, 41-47.	5.3	13
18	Genome comparison provides molecular insights into the phylogeny of the reassigned new genus <i>Lysinibacillus</i> . <i>BMC Genomics</i> , 2015, 16, 140.	2.8	25

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19	A Metagenomic Survey of Viral Abundance and Diversity in Mosquitoes from Hubei Province. PLoS ONE, 2015, 10, e0129845.	2.5	53
20	A new tubRZ operon involved in the maintenance of the Bacillus sphaericus mosquitocidal plasmid pBspH. Microbiology (United Kingdom), 2014, 160, 1112-1124.	1.8	23
21	Collagen-Like Glycoprotein BcLS Is Involved in the Formation of Filamentous Structures of the Lysinibacillus sphaericus Exosporium. Applied and Environmental Microbiology, 2014, 80, 6656-6663.	3.1	6
22	A Novel Transcriptional Activator, tubX , Is Required for the Stability of Bacillus sphaericus Mosquitocidal Plasmid pBspH. Journal of Bacteriology, 2014, 196, 4304-4314.	2.2	13
23	The genetic diversity of cereulide biosynthesis gene cluster indicates a composite transposon Tnces in emetic Bacillus weihenstephanensis. BMC Microbiology, 2014, 14, 149.	3.3	33
24	Generation of mariner-based transposon insertion mutant library of Bacillus sphaericus 2297 and investigation of genes involved in sporulation and mosquito-larvicidal crystal protein synthesis. FEMS Microbiology Letters, 2012, 330, 105-112.	1.8	11
25	Characterization of a novel temperate phage originating from a cereulide-producing Bacillus cereus strain. Research in Microbiology, 2011, 162, 446-459.	2.1	25
26	Allelic Diversity and Population Structure of Bacillus sphaericus as Revealed by Multilocus Sequence Typing. Applied and Environmental Microbiology, 2011, 77, 5553-5556.	3.1	21
27	Distribution, Diversity, and Potential Mobility of Extrachromosomal Elements Related to the <i>Bacillus anthracis</i> pXO1 and pXO2 Virulence Plasmids. Applied and Environmental Microbiology, 2009, 75, 3016-3028.	3.1	67
28	Sympatric soil communities of<i>Bacillus cereus sensu lato</i>: population structure and potential plasmid dynamics of pXO1- and pXO2-like elements. FEMS Microbiology Ecology, 2009, 70, 344-355.	2.7	34
29	Family portrait of <i>Bacillus cereus</i> and <i>Bacillus weihenstephanensis</i> cereulide-producing strains. Environmental Microbiology Reports, 2009, 1, 177-183.	2.4	93
30	Phylogenetic Analysis and Heterologous Expression of Surface Layer Protein SlpC of Bacillus sphaericus C3-41. Bioscience, Biotechnology and Biochemistry, 2008, 72, 1257-1263.	1.3	14
31	Complete Genome Sequence of the Mosquitocidal Bacterium <i>Bacillus sphaericus</i> C3-41 and Comparison with Those of Closely Related Bacillus Species. Journal of Bacteriology, 2008, 190, 2892-2902.	2.2	80
32	Molecular Characterization of a Glucokinase with Broad Hexose Specificity from Bacillus sphaericus Strain C3-41. Applied and Environmental Microbiology, 2007, 73, 3581-3586.	3.1	28
33	Detection and phylogenetic analysis of one anthrax virulence plasmid pXO1 conservative open reading frame ubiquitous presented within Bacillus cereus group strains. Biochemical and Biophysical Research Communications, 2006, 349, 1214-1219.	2.1	7
34	Transfer and expression of the mosquitocidal plasmid pBtoxis in Bacillus cereus group strains. FEMS Microbiology Letters, 2005, 245, 239-247.	1.8	28
35	Conjugative transfer, stability and expression of a plasmid encoding acry1Ac gene in Bacillus cereus group strains. FEMS Microbiology Letters, 2004, 231, 45-52.	1.8	41