Xiaomin Hu

List of Publications by Year
in descending order

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35	736	623734	552781
papers	citations	14 h-index	26 g-index

35	35	35	802
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Family portrait of Bacillus cereus and Bacillus weihenstephanensis cereulideâ€producing strains. Environmental Microbiology Reports, 2009, 1, 177-183.	2.4	93
2	Complete Genome Sequence of the Mosquitocidal Bacterium Bacillus sphaericus C3-41 and Comparison with Those of Closely Related Bacillus Species. Journal of Bacteriology, 2008, 190, 2892-2902.	2.2	80
3	Distribution, Diversity, and Potential Mobility of Extrachromosomal Elements Related to the Bacillus anthracis pXO1 and pXO2 Virulence Plasmids. Applied and Environmental Microbiology, 2009, 75, 3016-3028.	3.1	67
4	A Metagenomic Survey of Viral Abundance and Diversity in Mosquitoes from Hubei Province. PLoS ONE, 2015, 10, e0129845.	2.5	53
5	Conjugative transfer, stability and expression of a plasmid encoding acry1Ac gene inBacillus cereusgroup strains. FEMS Microbiology Letters, 2004, 231, 45-52.	1.8	41
6	Sympatric soil communities ofBacillus cereus sensu lato: population structure and potential plasmid dynamics of pXO1- and pXO2-like elements. FEMS Microbiology Ecology, 2009, 70, 344-355.	2.7	34
7	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
8	Transfer and expression of the mosquitocidal plasmid pBtoxis in Bacillus cereus group strains. FEMS Microbiology Letters, 2005, 245, 239-247.	1.8	28
9	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
10	Characterization of a novel temperate phage originating from a cereulide-producing Bacillus cereus strain. Research in Microbiology, 2011, 162, 446-459.	2.1	25
11	Genome comparison provides molecular insights into the phylogeny of the reassigned new genus Lysinibacillus. BMC Genomics, 2015, 16, 140.	2.8	25
12	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
13	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
14	Identification and genomic comparison of temperate bacteriophages derived from emetic Bacillus cereus. PLoS ONE, 2017, 12, e0184572.	2.5	20
15	Mosquitoes of Etiological Concern in Kenya and Possible Control Strategies. Insects, 2019, 10, 173.	2.2	17
16	Phylogenetic Analysis and Heterologous Expression of Surface Layer Protein SlpC ofBacillus sphaericusC3-41. Bioscience, Biotechnology and Biochemistry, 2008, 72, 1257-1263.	1.3	14
17	Characterization of Ebinur Lake Virus and Its Human Seroprevalence at the Chinaâ€“Kazakhstan Border. Frontiers in Microbiology, 2019, 10, 3111.	3.5	14
18	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

#	Article	IF	Citations
19	Polyphosphate kinase of Lysinibacillus sphaericus and its effects on accumulation of polyphosphate and bacterial growth. Microbiological Research, 2015, 172, 41-47.	5.3	13
20	Characterization of three autolysins with activity against cereulide-producing Bacillus isolates in food matrices. International Journal of Food Microbiology, 2017, 241, 291-297.	4.7	12
21	Characterization of a Novel Tanay Virus Isolated From Anopheles sinensis Mosquitoes in Yunnan, China. Frontiers in Microbiology, 2019, 10, 1963.	3.5	12
22	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
23	The LspC3â€“41I restriction-modification system is the major determinant for genetic manipulations of Lysinibacillus sphaericus C3â€“41. BMC Microbiology, 2017, 17, 116.	3.3	9
24	Regulator DegU is required for multicellular behavior in Lysinibacillus sphaericus. Research in Microbiology, 2018, 169, 177-187.	2.1	8
25	CesH Represses Cereulide Synthesis as an Alpha/Beta Fold Hydrolase in Bacillus cereus. Toxins, 2019, 11, 231.	3.4	8
26	Detection and phylogenic 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
27	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
28	Characterization of two newly isolated bacteriophages PW2 and PW4 and derived endolysins with lysis activity against Bacillus cereus group strains. Virus Research, 2021, 302, 198489.	2.2	6
29	Horizontal transfer of large plasmid with type IV secretion system and mosquitocidal genomic island with excision and integration capabilities in Lysinibacillus sphaericus. Environmental Microbiology, 2021, 23, 5131-5146.	3.8	5
30	Effects of Propoxur Exposure on Insecticidal Susceptibility and Developmental Traits in Culex pipiens quinquefasciatus. Insects, 2019, 10, 288.	2.2	3
31	A toxin-antitoxin system is essential for the stability of mosquitocidal plasmid pBsph of Lysinibacillus sphaericus. Microbiological Research, 2018, 214, 114-122.	5.3	2
32	Application of Bacillus thuringiensis strains with conjugal and mobilizing capability drives gene transmissibility within Bacillus cereus group populations in confined habitats. BMC Microbiology, 2020, 20, 363.	3.3	2
33	vB_LspM-01: a novel myovirus displaying pseudolysogeny in Lysinibacillus sphaericus C3-41. Applied Microbiology and Biotechnology, 2018, 102, 10691-10702.	3.6	1
34	Characterization and heterologous expression of a novel Co2+-dependent leucyl aminopeptidase Amp0279 originating from Lysinibacillus sphaericus. Applied Microbiology and Biotechnology, 2022, 106, 1139-1149.	3.6	1
35	Influence of the Phagemid PfNC7401 on Cereulide-Producing Bacillus cereus NC7401. Microorganisms, 2022, 10, 953.	3.6	1