

Yanyan Li

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,877
citations

218677

26
h-index

265206

42
g-index

53
all docs

53
docs citations

53
times ranked

2186
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis of MsbA-mediated lipopolysaccharide transport. <i>Nature</i> , 2017, 549, 233-237.	27.8	214
2	Structure of an antibacterial peptide ATP-binding cassette transporter in a novel outward occluded state. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9145-9150.	7.1	178
3	LPS remodeling is an evolved survival strategy for bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8716-8721.	7.1	167
4	Structural basis of lipopolysaccharide extraction by the LptB2FGC complex. <i>Nature</i> , 2019, 567, 486-490.	27.8	124
5	Development and application of a rapid and simple loop-mediated isothermal amplification method for food-borne <i>Salmonella</i> detection. <i>Food Science and Biotechnology</i> , 2010, 19, 1655-1659.	2.6	75
6	Rapid detection of <i>Vibrio parahaemolyticus</i> strains and virulent factors by loop-mediated isothermal amplification assays. <i>Food Science and Biotechnology</i> , 2010, 19, 1191-1197.	2.6	66
7	Metabolic engineering of <i>Corynebacterium glutamicum</i> ATCC13869 for L-valine production. <i>Metabolic Engineering</i> , 2015, 29, 66-75.	7.0	66
8	Effect of polymyxin resistance (pmr) on biofilm formation of <i>Cronobacter sakazakii</i> . <i>Microbial Pathogenesis</i> , 2017, 106, 16-19.	2.9	55
9	Surface Acoustic Wave Nebulization Facilitating Lipid Mass Spectrometric Analysis. <i>Analytical Chemistry</i> , 2012, 84, 6530-6537.	6.5	54
10	Acetohydroxyacid synthases: evolution, structure, and function. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8633-8649.	3.6	51
11	Transcriptomics Study on <i>Staphylococcus aureus</i> Biofilm Under Low Concentration of Ampicillin. <i>Frontiers in Microbiology</i> , 2018, 9, 2413.	3.5	51
12	Structural mechanism of phospholipids translocation by MlaFEDB complex. <i>Cell Research</i> , 2020, 30, 1127-1135.	12.0	49
13	Construction and application of an efficient multiple-gene-deletion system in <i>Corynebacterium glutamicum</i> . <i>Plasmid</i> , 2013, 70, 303-313.	1.4	48
14	Analysis on pathogenic and virulent characteristics of the <i>Cronobacter sakazakii</i> strain BAA-894 by whole genome sequencing and its demonstration in basic biology science. <i>Microbial Pathogenesis</i> , 2017, 109, 280-286.	2.9	46
15	In-field detection of multiple pathogenic bacteria in food products using a portable fluorescent biosensing system. <i>Food Control</i> , 2017, 75, 21-28.	5.5	46
16	Discovery and control of culturable and viable but non-culturable cells of a distinctive <i>Lactobacillus harbinensis</i> strain from spoiled beer. <i>Scientific Reports</i> , 2018, 8, 11446.	3.3	41
17	Influence of Lipid A Acylation Pattern on Membrane Permeability and Innate Immune Stimulation. <i>Marine Drugs</i> , 2013, 11, 3197-3208.	4.6	40
18	Induction and Recovery of the Viable but Nonculturable State of Hop-Resistance <i>Lactobacillus brevis</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 2076.	3.5	37

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19	Rapid and simple detection of methicillin-resistance staphylococcus aureus by orfXloop-mediated isothermal amplification assay. BMC Biotechnology, 2014, 14, 8.	3.3	36
20	Construction of a novel expression system for use in Corynebacterium glutamicum. Plasmid, 2014, 75, 18-26.	1.4	35
21	Differentiation of bacteria using fatty acid profiles from gas chromatography tandem mass spectrometry. Journal of the Science of Food and Agriculture, 2010, 90, 1380-1383.	3.5	34
22	Understanding the high l-valine production in Corynebacterium glutamicum VWB-1 using transcriptomics and proteomics. Scientific Reports, 2018, 8, 3632.	3.3	34
23	Mechanism of LolCDE as a molecular extruder of bacterial triacylated lipoproteins. Nature Communications, 2021, 12, 4687.	12.8	34
24	Virulent and pathogenic features on the Cronobacter sakazakii polymyxin resistant pmr mutant strain s-3. Microbial Pathogenesis, 2017, 110, 359-364.	2.9	31
25	Identification of the crp gene in avian Pasteurella multocida and evaluation of the effects of crp deletion on its phenotype, virulence and immunogenicity. BMC Microbiology, 2016, 16, 125.	3.3	30
26	TFPI is a colonic crypt receptor for TcdB from hypervirulent clade 2 C.Âdifficile. Cell, 2022, 185, 980-994.e15.	28.9	30
27	Cryo-EM structures of Acinetobacter baumannii glycerophospholipid transporter. Cell Discovery, 2020, 6, 86.	6.7	23
28	Structure and transport mechanism of the human cholesterol transporter ABCG1. Cell Reports, 2022, 38, 110298.	6.4	18
29	Phenotypic characterization of pathogenic Cronobacter spp. strains. Microbial Pathogenesis, 2018, 121, 232-237.	2.9	15
30	A rapid one-step method for the characterization of membrane lipid remodeling in Francisella using matrix-assisted laser desorption ionization time-of-flight tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2011, 25, 2641-2648.	1.5	14
31	Identification of Three Genes Encoding for the Late Acyltransferases of Lipid A in Cronobacter sakazakii. Marine Drugs, 2013, 11, 377-386.	4.6	14
32	The Characterization of Two-Component System PmrA/PmrB in Cronobacter sakazakii. Frontiers in Microbiology, 2020, 11, 903.	3.5	14
33	Immuno-Stimulatory Activity of Escherichia coli Mutants Producing Kdo2-Monophosphoryl-Lipid A or Kdo2-Pentaacyl-Monophosphoryl-Lipid A. PLoS ONE, 2015, 10, e0144714.	2.5	13
34	Characterization of Lipid A in Cronobacter Sakazakii. European Journal of Mass Spectrometry, 2010, 16, 531-538.	1.0	12
35	Turning up Francisella pathogenesis. Virulence, 2012, 3, 594-595.	4.4	10
36	High-resolution views of lipopolysaccharide translocation driven by ABC transporters MsbA and LptB2FGC. Current Opinion in Structural Biology, 2020, 63, 26-33.	5.7	10

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37	Sulfated glycosaminoglycans and low-density lipoprotein receptor mediate the cellular entry of <i>Clostridium novyi</i> alpha-toxin. <i>Cell Research</i> , 2021, 31, 935-938.	12.0	10
38	Impact of <i>pmrA</i> on <i>Cronobacter sakazakii</i> planktonic and biofilm cells: A comprehensive transcriptomic study. <i>Food Microbiology</i> , 2021, 98, 103785.	4.2	10
39	Identification of Two Genes Encoding for the Late Acyltransferases of Lipid A in <i>Klebsiella pneumoniae</i> . <i>Current Microbiology</i> , 2016, 73, 732-738.	2.2	8
40	Effects of lipid A acyltransferases on the pathogenesis of <i>F.Ânovicida</i> . <i>Microbial Pathogenesis</i> , 2017, 109, 313-318.	2.9	8
41	Structural derivation of lipid A from <i>Cronobacter sakazakii</i> using tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 2265-2270.	1.5	7
42	Construction of <i>Escherichia coli</i> Mutant with Decreased Endotoxic Activity by Modifying Lipid A Structure. <i>Marine Drugs</i> , 2015, 13, 3388-3406.	4.6	4
43	The Role of ACT-Like Subdomain in Bacterial Threonine Dehydratases. <i>PLoS ONE</i> , 2014, 9, e87550.	2.5	3
44	Molecular evolution of acetohydroxyacid synthase in bacteria. <i>MicrobiologyOpen</i> , 2017, 6, e00524.	3.0	3
45	Application of electrospray ionization mass spectrometry to characterize glycerophospholipids in <i>Francisella tularensis</i> subsp. <i>novicida</i> . <i>International Journal of Mass Spectrometry</i> , 2010, 293, 45-50.	1.5	2
46	Roles of integrons in the antimicrobial resistance of Gram-positive microorganisms. <i>Reviews in Medical Microbiology</i> , 2015, 26, 26-31.	0.9	2
47	Rapid detection of <i>Francisella tularensis</i> by multiplex PCR. <i>Journal of Biotechnology</i> , 2008, 136, S765.	3.8	0
48	Snapshots of Endotoxin Extraction from the Gram-negative Inner Membrane. <i>Microscopy and Microanalysis</i> , 2020, 26, 2520-2520.	0.4	0