

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 | Structure and transport mechanism of the human cholesterol transporter ABCG1. <i>Cell Reports</i> , 2022, 38, 110298. | 6.4 | 18 |
| 2 | TFPI is a colonic crypt receptor for TcdB from hypervirulent clade 2 <i>C.Âdifficile</i> . <i>Cell</i> , 2022, 185, 980-994.e15. | 28.9 | 30 |
| 3 | 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 |
| 4 | Mechanism of LolCDE as a molecular extruder of bacterial triacylated lipoproteins. <i>Nature Communications</i> , 2021, 12, 4687. | 12.8 | 34 |
| 5 | Impact of pmrA on <i>Cronobacter sakazakii</i> planktonic and biofilm cells: A comprehensive transcriptomic study. <i>Food Microbiology</i> , 2021, 98, 103785. | 4.2 | 10 |
| 6 | Structural mechanism of phospholipids translocation by MlaFEDB complex. <i>Cell Research</i> , 2020, 30, 1127-1135. | 12.0 | 49 |
| 7 | Cryo-EM structures of <i>Acinetobacter baumannii</i> glycerophospholipid transporter. <i>Cell Discovery</i> , 2020, 6, 86. | 6.7 | 23 |
| 8 | Snapshots of Endotoxin Extraction from the Gram-negative Inner Membrane. <i>Microscopy and Microanalysis</i> , 2020, 26, 2520-2520. | 0.4 | 0 |
| 9 | The Characterization of Two-Component System PmrA/PmrB in <i>Cronobacter sakazakii</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 903. | 3.5 | 14 |
| 10 | High-resolution views of lipopolysaccharide translocation driven by ABC transporters MsbA and LptB2FGC. <i>Current Opinion in Structural Biology</i> , 2020, 63, 26-33. | 5.7 | 10 |
| 11 | Structural basis of lipopolysaccharide extraction by the LptB2FGC complex. <i>Nature</i> , 2019, 567, 486-490. | 27.8 | 124 |
| 12 | Understanding the high l-valine production in <i>Corynebacterium glutamicum</i> VWB-1 using transcriptomics and proteomics. <i>Scientific Reports</i> , 2018, 8, 3632. | 3.3 | 34 |
| 13 | Transcriptomics Study on <i>Staphylococcus aureus</i> Biofilm Under Low Concentration of Ampicillin. <i>Frontiers in Microbiology</i> , 2018, 9, 2413. | 3.5 | 51 |
| 14 | 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 |
| 15 | 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 |
| 16 | Phenotypic characterization of pathogenic <i>Cronobacter</i> spp. strains. <i>Microbial Pathogenesis</i> , 2018, 121, 232-237. | 2.9 | 15 |
| 17 | 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 |
| 18 | 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 |

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|----|--|------|-----------|
| 19 | Effect of polymyxin resistance (pmr) on biofilm formation of Cronobacter sakazakii. Microbial Pathogenesis, 2017, 106, 16-19. | 2.9 | 55 |
| 20 | Structural basis of MsbA-mediated lipopolysaccharide transport. Nature, 2017, 549, 233-237. | 27.8 | 214 |
| 21 | Effects of lipid A acyltransferases on the pathogenesis of F.Ânovicida. Microbial Pathogenesis, 2017, 109, 313-318. | 2.9 | 8 |
| 22 | Virulent and pathogenic features on the Cronobacter sakazakii polymyxin resistant pmr mutant strain s-3. Microbial Pathogenesis, 2017, 110, 359-364. | 2.9 | 31 |
| 23 | Molecular evolution of acetohydroxyacid synthase in bacteria. MicrobiologyOpen, 2017, 6, e00524. | 3.0 | 3 |
| 24 | 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 |
| 25 | Structural derivation of lipid A from Cronobacter sakazakii using tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 2265-2270. | 1.5 | 7 |
| 26 | Acetohydroxyacid synthases: evolution, structure, and function. Applied Microbiology and Biotechnology, 2016, 100, 8633-8649. | 3.6 | 51 |
| 27 | Identification of Two Genes Encoding for the Late Acyltransferases of Lipid A in Klebsiella pneumoniae. Current Microbiology, 2016, 73, 732-738. | 2.2 | 8 |
| 28 | Construction of Escherichia coli Mutant with Decreased Endotoxic Activity by Modifying Lipid A Structure. Marine Drugs, 2015, 13, 3388-3406. | 4.6 | 4 |
| 29 | 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 |
| 30 | Roles of integrons in the antimicrobial resistance of Gram-positive microorganisms. Reviews in Medical Microbiology, 2015, 26, 26-31. | 0.9 | 2 |
| 31 | Metabolic engineering of Corynebacterium glutamicum ATCC13869 for l-valine production. Metabolic Engineering, 2015, 29, 66-75. | 7.0 | 66 |
| 32 | The Role of ACT-Like Subdomain in Bacterial Threonine Dehydratases. PLoS ONE, 2014, 9, e87550. | 2.5 | 3 |
| 33 | Structure of an antibacterial peptide ATP-binding cassette transporter in a novel outward occluded state. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9145-9150. | 7.1 | 178 |
| 34 | Rapid and simple detection of methicillin-resistance staphylococcus aureus by orfXloop-mediated isothermal amplification assay. BMC Biotechnology, 2014, 14, 8. | 3.3 | 36 |
| 35 | Construction of a novel expression system for use in Corynebacterium glutamicum. Plasmid, 2014, 75, 18-26. | 1.4 | 35 |
| 36 | Construction and application of an efficient multiple-gene-deletion system in Corynebacterium glutamicum. Plasmid, 2013, 70, 303-313. | 1.4 | 48 |

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|----|--|-----|-----------|
| 37 | Identification of Three Genes Encoding for the Late Acyltransferases of Lipid A in <i>Cronobacter sakazakii</i> . <i>Marine Drugs</i> , 2013, 11, 377-386. | 4.6 | 14 |
| 38 | Influence of Lipid A Acylation Pattern on Membrane Permeability and Innate Immune Stimulation. <i>Marine Drugs</i> , 2013, 11, 3197-3208. | 4.6 | 40 |
| 39 | Turning up <i>Francisella</i> pathogenesis. <i>Virulence</i> , 2012, 3, 594-595. | 4.4 | 10 |
| 40 | 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 |
| 41 | Surface Acoustic Wave Nebulization Facilitating Lipid Mass Spectrometric Analysis. <i>Analytical Chemistry</i> , 2012, 84, 6530-6537. | 6.5 | 54 |
| 42 | A rapid one-step method for the characterization of membrane lipid remodeling in <i>Francisella</i> using matrix-assisted laser desorption ionization time-of-flight tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2641-2648. | 1.5 | 14 |
| 43 | Characterization of Lipid A in <i>Cronobacter Sakazakii</i> . <i>European Journal of Mass Spectrometry</i> , 2010, 16, 531-538. | 1.0 | 12 |
| 44 | 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 |
| 45 | 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 |
| 46 | Differentiation of bacteria using fatty acid profiles from gas chromatography-tandem mass spectrometry. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 1380-1383. | 3.5 | 34 |
| 47 | 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 |
| 48 | Rapid detection of <i>Francisella tularensis</i> by multiplex PCR. <i>Journal of Biotechnology</i> , 2008, 136, S765. | 3.8 | 0 |