# Liang Tao

List of Publications by Year
in descending order



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|---|---|---|---|
| 24 papers | 1,006 citations | 516561 16 h-index | 642610 23 g-index |
| 26 all docs | 26 docs citations | 26 times ranked | 1271 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | TFPI is a colonic crypt receptor for TcdB from hypervirulent clade 2 C.Âdifficile. Cell, 2022, 185, 980-994.e15. | 13.5 | 30 |
| 2 | An Atypical Case of Monomicrobial Clostridioides difficile Septicemia With No Gastrointestinal Manifestations. Frontiers in Cellular and Infection Microbiology, 2022, 12, 853252. | 1.8 | 1 |
| 3 | Distinctive signatures of pathogenic and antibiotic resistant potentials in the hadal microbiome. Environmental Microbiomes, 2022, 17, 19. | 2.2 | 6 |
| 4 | Functional analyses of epidemic Clostridioides difficile toxin B variants reveal their divergence in utilizing receptors and inducing pathology. PLoS Pathogens, 2021, 17, e1009197. | 2.1 | 23 |
| 5 | Sulfated glycosaminoglycans and low-density lipoprotein receptor mediate the cellular entry of Clostridium novyi alpha-toxin. Cell Research, 2021, 31, 935-938. | 5.7 | 10 |
| 6 | Structural basis for CSPG4 as a receptor for TcdB and a therapeutic target in Clostridioides difficile infection. Nature Communications, 2021, 12, 3748. | 5.8 | 41 |
| 7 | Subtyping analysis reveals new variants and accelerated evolution of Clostridioides difficile toxin B. Communications Biology, 2020, 3, 347. | 2.0 | 42 |
| 8 | Receptor Binding Domains of TcdB from Clostridioides difficile for Chondroitin Sulfate Proteoglycan-4 and Frizzled Proteins Are Functionally Independent and Additive. Toxins, 2020, 12, 736. | 1.5 | 22 |
| 9 | Sulfated glycosaminoglycans and low-density lipoprotein receptor contribute to Clostridium difficile toxin A entry into cells. Nature Microbiology, 2019, 4, 1760-1769. | 5.9 | 71 |
| 10 | Structural insight into Wnt signaling inhibition by Clostridium difficile toxin B. FEBS Journal, 2019, 286, 874-881. | 2.2 | 15 |
| 11 | Identification of a Botulinum Neurotoxin-like Toxin in a Commensal Strain of Enterococcus faecium. Cell Host and Microbe, 2018, 23, 169-176.e6. | 5.1 | 127 |
| 12 | Genome-wide CRISPR screens for Shiga toxins and ricin reveal Golgi proteins critical for glycosylation. PLoS Biology, 2018, 16, e2006951. | 2.6 | 56 |
| 13 | Structural basis for recognition of frizzled proteins by Clostridium difficile toxin B. Science, 2018, 360, 664-669. | 6.0 | 98 |
| 14 | Structural basis for the unique ganglioside and cell membrane recognition mechanism of botulinum neurotoxin DC. Nature Communications, 2017, 8, 1637. | 5.8 | 26 |
| 15 | Engineered botulinum neurotoxin B with improved efficacy for targeting human receptors. Nature Communications, 2017, 8, 53. | 5.8 | 46 |
| 16 | Strain-Dependent Recognition of a Unique Degradation Motif by ClpXP in Streptococcus mutans. MSphere, 2016, 1, . | 1.3 | 15 |
| 17 | Frizzled proteins are colonic epithelial receptors for C. difficile toxin B. Nature, 2016, 538, 350-355. | 13.7 | 229 |
| 18 | 157. Variations in VAMP1 across vertebrates suggest a potential selective pressure from botulinum neurotoxins. Toxicon, 2015, 93, S48-S49. | 0.8 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Degradation of SsrA-tagged proteins in streptococci. Microbiology (United Kingdom), 2015, 161, 884-894. | 0.7 | 14 |
| 20 | Widespread Sequence Variations in VAMP1 across Vertebrates Suggest a Potential Selective Pressure from Botulinum Neurotoxins. PLoS Pathogens, 2014, 10, e1004177. | 2.1 | 32 |
| 21 | ClpL Is Required for Folding of CtsR in Streptococcus mutans. Journal of Bacteriology, 2013, 195, 576-584. | 1.0 | 21 |
| 22 | CtsR Regulation in mcsAB-Deficient Gram-Positive Bacteria. Journal of Bacteriology, 2012, 194, 1361-1368. | 1.0 | 11 |
| 23 | Sulfhydryl compounds reduce Staphylococcus aureus biofilm formation by inhibiting PIA biosynthesis. FEMS Microbiology Letters, 2011, 316, 44-50. | 0.7 | 32 |
| 24 | Alternative Sigma Factor ÏƒH Modulates Prophage Integration and Excision in Staphylococcus aureus. PLoS Pathogens, 2010, 6, e1000888. | 2.1 | 37 |