

Triana N Dalia

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

780
citations

687363

13
h-index

752698

20
g-index

30
all docs

30
docs citations

30
times ranked

924
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Nitric oxide stimulates type IV MSHA pilus retraction in <i>Vibrio cholerae</i> via activation of the phosphodiesterase CdpA. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 7.1 | 13 |
| 2 | Natural Transformation in a Classical-Biotype <i>Vibrio cholerae</i> Strain. Applied and Environmental Microbiology, 2021, 87, . | 3.1 | 2 |
| 3 | The ChiS-Family DNA-Binding Domain Contains a Cryptic Helix-Turn-Helix Variant. MBio, 2021, 12, . | 4.1 | 3 |
| 4 | Fresh Extension of <i>Vibrio cholerae</i> Competence Type IV Pili Predisposes Them for Motor-Independent Retraction. Applied and Environmental Microbiology, 2021, 87, e0047821. | 3.1 | 7 |
| 5 | <i>Acinetobacter baylyi</i> regulates type IV pilus synthesis by employing two extension motors and a motor protein inhibitor. Nature Communications, 2021, 12, 3744. | 12.8 | 13 |
| 6 | Prophage-Dependent Neighbor Predation Fosters Horizontal Gene Transfer by Natural Transformation. MSphere, 2020, 5, . | 2.9 | 16 |
| 7 | ChiS is a noncanonical DNA-binding hybrid sensor kinase that directly regulates the chitin utilization program in <i>Vibrio cholerae</i> . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20180-20189. | 7.1 | 22 |
| 8 | CryoEM structure of the type IVa pilus secretin required for natural competence in <i>Vibrio cholerae</i> . Nature Communications, 2020, 11, 5080. | 12.8 | 21 |
| 9 | A modular chromosomally integrated toolkit for ectopic gene expression in <i>Vibrio cholerae</i> . Scientific Reports, 2020, 10, 15398. | 3.3 | 17 |
| 10 | PilT and PilU are homohexameric ATPases that coordinate to retract type IVa pili. PLoS Genetics, 2019, 15, e1008448. | 3.5 | 46 |
| 11 | The quorum sensing transcription factor AphA directly regulates natural competence in <i>Vibrio cholerae</i> . PLoS Genetics, 2019, 15, e1008362. | 3.5 | 25 |
| 12 | Real-time microscopy and physical perturbation of bacterial pili using maleimide-conjugated molecules. Nature Protocols, 2019, 14, 1803-1819. | 12.0 | 61 |
| 13 | Spatiotemporal Analysis of DNA Integration during Natural Transformation Reveals a Mode of Nongenetic Inheritance in Bacteria. Cell, 2019, 179, 1499-1511.e10. | 28.9 | 31 |
| 14 | Title is missing!. , 2019, 15, e1008362. | | 0 |
| 15 | Title is missing!. , 2019, 15, e1008362. | | 0 |
| 16 | Title is missing!. , 2019, 15, e1008362. | | 0 |
| 17 | Title is missing!. , 2019, 15, e1008362. | | 0 |
| 18 | ComM is a hexameric helicase that promotes branch migration during natural transformation in diverse Gram-negative species. Nucleic Acids Research, 2018, 46, 6099-6111. | 14.5 | 39 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Systematic genetic dissection of PTS in <i>Vibrio cholerae</i> uncovers a novel glucose transporter and a limited role for PTS during infection of a mammalian host. <i>Molecular Microbiology</i> , 2017, 104, 568-579. | 2.5 | 49 |
| 20 | Enhancing multiplex genome editing by natural transformation (MuGENT) via inactivation of ssDNA exonucleases. <i>Nucleic Acids Research</i> , 2017, 45, 7527-7537. | 14.5 | 33 |
| 21 | Multiplex Genome Editing by Natural Transformation (MuGENT) for Synthetic Biology in <i>Vibrio natriegens</i> . <i>ACS Synthetic Biology</i> , 2017, 6, 1650-1655. | 3.8 | 101 |
| 22 | Systematic genetic dissection of chitin degradation and uptake in <i>Vibrio cholerae</i> . <i>Environmental Microbiology</i> , 2017, 19, 4154-4163. | 3.8 | 35 |