

Triana N Dalia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1251477/publications.pdf>

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	Multiplex Genome Editing by Natural Transformation (MuGENT) for Synthetic Biology in <i>Vibrio natriegens</i> . ACS Synthetic Biology, 2017, 6, 1650-1655.	3.8	101
2	Real-time microscopy and physical perturbation of bacterial pili using maleimide-conjugated molecules. Nature Protocols, 2019, 14, 1803-1819.	12.0	61
3	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. Molecular Microbiology, 2017, 104, 568-579.	2.5	49
4	PilT and PilU are homohexameric ATPases that coordinate to retract type IVa pili. PLoS Genetics, 2019, 15, e1008448.	3.5	46
5	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
6	Systematic genetic dissection of chitin degradation and uptake in <i>Vibrio cholerae</i> . Environmental Microbiology, 2017, 19, 4154-4163.	3.8	35
7	Enhancing multiplex genome editing by natural transformation (MuGENT) via inactivation of ssDNA exonucleases. Nucleic Acids Research, 2017, 45, 7527-7537.	14.5	33
8	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
9	The quorum sensing transcription factor AphA directly regulates natural competence in <i>Vibrio cholerae</i> . PLoS Genetics, 2019, 15, e1008362.	3.5	25
10	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
11	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
12	A modular chromosomally integrated toolkit for ectopic gene expression in <i>Vibrio cholerae</i> . Scientific Reports, 2020, 10, 15398.	3.3	17
13	Prophage-Dependent Neighbor Predation Fosters Horizontal Gene Transfer by Natural Transformation. MSphere, 2020, 5, .	2.9	16
14	<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
15	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
16	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
17	The ChiS-Family DNA-Binding Domain Contains a Cryptic Helix-Turn-Helix Variant. MBio, 2021, 12, .	4.1	3
18	Natural Transformation in a Classical-Biotype <i>Vibrio cholerae</i> Strain. Applied and Environmental Microbiology, 2021, 87, .	3.1	2

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2019, 15, e1008362.		0
20	Title is missing!. , 2019, 15, e1008362.		0
21	Title is missing!.. , 2019, 15, e1008362.		0
22	Title is missing!.. , 2019, 15, e1008362.		0