

# David T Kysela

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1091210/publications.pdf>

Version: 2024-02-01

11  
papers

774  
citations

933447

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1281871

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1126  
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#	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	Origin of a Core Bacterial Gene via Co-option and Detoxification of a Phage Lysin. Current Biology, 2019, 29, 1634-1646.e6.	3.9	16
3	Evolutionary determinants of genome-wide nucleotide composition. Nature Ecology and Evolution, 2018, 2, 237-240.	7.8	126
4	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
5	Restricted Localization of Photosynthetic Intracytoplasmic Membranes (ICMs) in Multiple Genera of Purple Nonsulfur Bacteria. MBio, 2018, 9, .	4.1	18
6	Obstruction of pilus retraction stimulates bacterial surface sensing. Science, 2017, 358, 535-538.	12.6	231
7	Diversity Takes Shape: Understanding the Mechanistic and Adaptive Basis of Bacterial Morphology. PLoS Biology, 2016, 14, e1002565.	5.6	96
8	Novel Pseudotaxis Mechanisms Improve Migration of Straight-Swimming Bacterial Mutants Through a Porous Environment. MBio, 2015, 6, e00005.	4.1	20
9	Timescales and Frequencies of Reversible and Irreversible Adhesion Events of Single Bacterial Cells. Analytical Chemistry, 2015, 87, 12032-12039.	6.5	63
10	Biological Consequences and Advantages of Asymmetric Bacterial Growth. Annual Review of Microbiology, 2013, 67, 417-435.	7.3	64
11	A bacterial extracellular DNA inhibits settling of motile progeny cells within a biofilm. Molecular Microbiology, 2010, 77, 815-829.	2.5	88