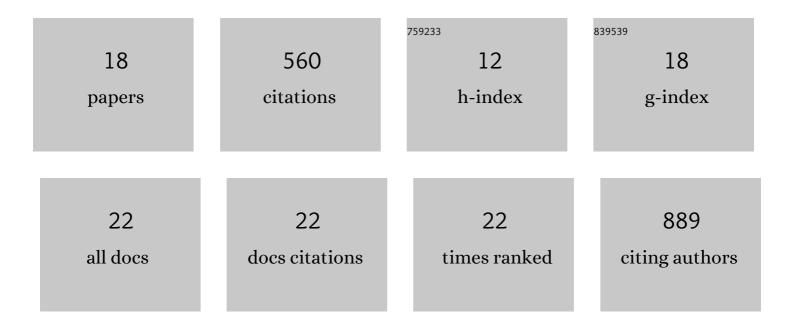
Carolyn E Mills

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Density-based binning of gene clusters to infer function or evolutionary history using GeneGrouper. Bioinformatics, 2022, 38, 612-620. | 4.1 | 4 |
| 2 | Functional enzyme–polymer complexes. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2119509119. | 7.1 | 13 |
| 3 | Linking the Salmonella enterica 1,2-Propanediol Utilization Bacterial Microcompartment Shell to the Enzymatic Core via the Shell Protein PduB. Journal of Bacteriology, 2022, 204, e0057621. | 2.2 | 7 |
| 4 | Vertex protein PduN tunes encapsulated pathway performance by dictating bacterial metabolosome morphology. Nature Communications, 2022, 13, . | 12.8 | 7 |
| 5 | Computational and Experimental Approaches to Controlling Bacterial Microcompartment Assembly. ACS Central Science, 2021, 7, 658-670. | 11.3 | 21 |
| 6 | High-Throughput Screening Test for Adhesion in Soft Materials Using Centrifugation. ACS Central Science, 2021, 7, 1135-1143. | 11.3 | 7 |
| 7 | Bacterial microcompartments: tiny organelles with big potential. Current Opinion in Microbiology, 2021, 63, 36-42. | 5.1 | 24 |
| 8 | Apparent size and morphology of bacterial microcompartments varies with technique. PLoS ONE, 2020, 15, e0226395. | 2.5 | 27 |
| 9 | Protein Purification by Ethanol-Induced Phase Transitions of the Elastin-like Polypeptide (ELP). Industrial & Engineering Chemistry Research, 2019, 58, 11698-11709. | 3.7 | 14 |
| 10 | Cononsolvency of Elastin-like Polypeptides in Water/Alcohol Solutions. Biomacromolecules, 2019, 20, 2167-2173. | 5.4 | 24 |
| 11 | Elastin-like Polypeptide (ELP) Charge Influences Self-Assembly of ELP–mCherry Fusion Proteins. Biomacromolecules, 2018, 19, 2517-2525. | 5.4 | 21 |
| 12 | Hydrogels That Actuate Selectively in Response to Organophosphates. Advanced Functional Materials, 2017, 27, 1602784. | 14.9 | 9 |
| 13 | Complex Coacervate Core Micelles for the Dispersion and Stabilization of Organophosphate Hydrolase in Organic Solvents. Langmuir, 2016, 32, 13367-13376. | 3.5 | 26 |
| 14 | Complex coacervation of supercharged proteins with polyelectrolytes. Soft Matter, 2016, 12, 3570-3581. | 2.7 | 110 |
| 15 | Effect of ELP Sequence and Fusion Protein Design on Concentrated Solution Self-Assembly. Biomacromolecules, 2016, 17, 928-934. | 5.4 | 24 |
| 16 | Molecular Insights into Diphenylalanine Nanotube Assembly: All-Atom Simulations of Oligomerization. Journal of Physical Chemistry B, 2013, 117, 3935-3943. | 2.6 | 70 |
| 17 | Silicon-Based Thermoelectrics Made from a Boron-Doped Silicon Dioxide Nanocomposite. Chemistry of Materials, 2013, 25, 4867-4873. | 6.7 | 24 |
| 18 | Rapid Microwave Preparation of Thermoelectric TiNiSn and TiCoSb Half-Heusler Compounds. Chemistry of Materials, 2012, 24, 2558-2565. | 6.7 | 126 |