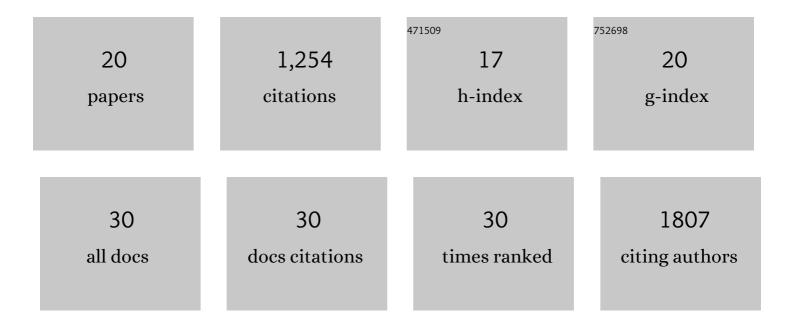
Justin E Silpe

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The bacterial toxin colibactin triggers prophage induction. Nature, 2022, 603, 315-320. | 27.8 | 46 |
| 2 | Deciphering Human Microbiota–Host Chemical Interactions. ACS Central Science, 2021, 7, 20-29. | 11.3 | 19 |
| 3 | Mechanism underlying the DNA-binding preferences of the Vibrio cholerae and vibriophage VP882 VqmA quorum-sensing receptors. PLoS Genetics, 2021, 17, e1009550. | 3.5 | 6 |
| 4 | Separating Functions of the Phage-Encoded Quorum-Sensing-Activated Antirepressor Qtip. Cell Host and Microbe, 2020, 27, 629-641.e4. | 11.0 | 31 |
| 5 | Mechanism underlying autoinducer recognition in the Vibrio cholerae DPO-VqmA quorum-sensing pathway. Journal of Biological Chemistry, 2020, 295, 2916-2931. | 3.4 | 29 |
| 6 | Phage-Encoded LuxR-Type Receptors Responsive to Host-Produced Bacterial Quorum-Sensing Autoinducers. MBio, 2019, 10, . | 4.1 | 46 |
| 7 | A Host-Produced Quorum-Sensing Autoinducer Controls a Phage Lysis-Lysogeny Decision. Cell, 2019, 176, 268-280.e13. | 28.9 | 248 |
| 8 | Bubble-Driven Detachment of Bacteria from Confined Microgeometries. Environmental Science & Technology, 2017, 51, 1340-1347. | 10.0 | 48 |
| 9 | A Vibrio cholerae autoinducer–receptor pair that controls biofilm formation. Nature Chemical Biology, 2017, 13, 551-557. | 8.0 | 179 |
| 10 | Development of Potent Inhibitors of Pyocyanin Production in <i>Pseudomonas aeruginosa</i> . Journal of Medicinal Chemistry, 2015, 58, 1298-1306. | 6.4 | 50 |
| 11 | High throughput production of uniformly-sized fluorocarbon emulsions for ultrasonic therapy using a silicon-based microfluidic system. , 2014, , . | | 2 |
| 12 | Poly(amidoamine) Dendrimer–Methotrexate Conjugates: The Mechanism of Interaction with Folate Binding Protein. Molecular Pharmaceutics, 2014, 11, 4049-4058. | 4.6 | 29 |
| 13 | Avidity Mechanism of Dendrimer–Folic Acid Conjugates. Molecular Pharmaceutics, 2014, 11, 1696-1706. | 4.6 | 51 |
| 14 | Generation of Antibubbles from Core–Shell Double Emulsion Templates Produced by Microfluidics. Langmuir, 2013, 29, 8782-8787. | 3.5 | 24 |
| 15 | Avidity Modulation of Folate-Targeted Multivalent Dendrimers for Evaluating Biophysical Models of Cancer Targeting Nanoparticles. ACS Chemical Biology, 2013, 8, 2063-2071. | 3.4 | 56 |
| 16 | Dendrimer-Based Multivalent Vancomycin Nanoplatform for Targeting the Drug-Resistant Bacterial Surface. ACS Nano, 2013, 7, 214-228. | 14.6 | 133 |
| 17 | Magnetic antibubbles: Formation and control of magnetic macroemulsions for fluid transport applications. Journal of Applied Physics, 2013, 113, . | 2.5 | 17 |
| 18 | Design and In vitro Validation of Multivalent Dendrimer Methotrexates as a Folate-targeting Anticancer Therapeutic. Current Pharmaceutical Design, 2013, 19, 6594-6605. | 1.9 | 24 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Polyvalent Dendrimer-Methotrexate as a Folate Receptor-Targeted Cancer Therapeutic. Molecular Pharmaceutics, 2012, 9, 2669-2676. | 4.6 | 125 |
| 20 | A photochemical approach for controlled drug release in targeted drug delivery. Bioorganic and Medicinal Chemistry, 2012, 20, 1281-1290. | 3.0 | 85 |