Justin E Silpe

List of Publications by Year
in descending order

20 papers	1,254 citations	471509 17 h-index	752698 20 g-index
30 all docs	30 docs citations	30 times ranked	1807 citing authors

#	Article	IF	Citations
1	The bacterial toxin colibactin triggers prophage induction. Nature, 2022, 603, 315-320.	27.8	46
2	Deciphering Human Microbiotaâ€“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 autoinducerâ€“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 Pseudomonas aeruginosa. 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) Dendrimerâ€“Methotrexate Conjugates: The Mechanism of Interaction with Folate Binding Protein. Molecular Pharmaceutics, 2014, 11, 4049-4058.	4.6	29
13	Avidity Mechanism of Dendrimerâ€“Folic Acid Conjugates. Molecular Pharmaceutics, 2014, 11, 1696-1706.	4.6	51
14	Generation of Antibubbles from Coreâ€“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