

# Justin E Silpe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5394021/publications.pdf>

Version: 2024-02-01

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	A Host-Produced Quorum-Sensing Autoinducer Controls a Phage Lysis-Lysogeny Decision. <i>Cell</i> , 2019, 176, 268-280.e13.	28.9	248
2	A <i>Vibrio cholerae</i> autoinducer-receptor pair that controls biofilm formation. <i>Nature Chemical Biology</i> , 2017, 13, 551-557.	8.0	179
3	Dendrimer-Based Multivalent Vancomycin Nanoplatfrom for Targeting the Drug-Resistant Bacterial Surface. <i>ACS Nano</i> , 2013, 7, 214-228.	14.6	133
4	Polyvalent Dendrimer-Methotrexate as a Folate Receptor-Targeted Cancer Therapeutic. <i>Molecular Pharmaceutics</i> , 2012, 9, 2669-2676.	4.6	125
5	A photochemical approach for controlled drug release in targeted drug delivery. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 1281-1290.	3.0	85
6	Avidity Modulation of Folate-Targeted Multivalent Dendrimers for Evaluating Biophysical Models of Cancer Targeting Nanoparticles. <i>ACS Chemical Biology</i> , 2013, 8, 2063-2071.	3.4	56
7	Avidity Mechanism of Dendrimer-Folic Acid Conjugates. <i>Molecular Pharmaceutics</i> , 2014, 11, 1696-1706.	4.6	51
8	Development of Potent Inhibitors of Pyocyanin Production in <i>Pseudomonas aeruginosa</i> . <i>Journal of Medicinal Chemistry</i> , 2015, 58, 1298-1306.	6.4	50
9	Bubble-Driven Detachment of Bacteria from Confined Microgeometries. <i>Environmental Science &amp; Technology</i> , 2017, 51, 1340-1347.	10.0	48
10	Phage-Encoded LuxR-Type Receptors Responsive to Host-Produced Bacterial Quorum-Sensing Autoinducers. <i>MBio</i> , 2019, 10, .	4.1	46
11	The bacterial toxin colibactin triggers prophage induction. <i>Nature</i> , 2022, 603, 315-320.	27.8	46
12	Separating Functions of the Phage-Encoded Quorum-Sensing-Activated Antirepressor Qtip. <i>Cell Host and Microbe</i> , 2020, 27, 629-641.e4.	11.0	31
13	Poly(amidoamine) Dendrimer-Methotrexate Conjugates: The Mechanism of Interaction with Folate Binding Protein. <i>Molecular Pharmaceutics</i> , 2014, 11, 4049-4058.	4.6	29
14	Mechanism underlying autoinducer recognition in the <i>Vibrio cholerae</i> DPO-VqmA quorum-sensing pathway. <i>Journal of Biological Chemistry</i> , 2020, 295, 2916-2931.	3.4	29
15	Generation of Antibubbles from Core-Shell Double Emulsion Templates Produced by Microfluidics. <i>Langmuir</i> , 2013, 29, 8782-8787.	3.5	24
16	Design and In vitro Validation of Multivalent Dendrimer Methotrexates as a Folate-targeting Anticancer Therapeutic. <i>Current Pharmaceutical Design</i> , 2013, 19, 6594-6605.	1.9	24
17	Deciphering Human Microbiota-Host Chemical Interactions. <i>ACS Central Science</i> , 2021, 7, 20-29.	11.3	19
18	Magnetic antibubbles: Formation and control of magnetic macroemulsions for fluid transport applications. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	17

#	ARTICLE	IF	CITATIONS
19	Mechanism underlying the DNA-binding preferences of the <i>Vibrio cholerae</i> and vibriophage VP882 VqmA quorum-sensing receptors. <i>PLoS Genetics</i> , 2021, 17, e1009550.	3.5	6
20	High throughput production of uniformly-sized fluorocarbon emulsions for ultrasonic therapy using a silicon-based microfluidic system. , 2014, , .		2