

# Christopher A Alabi

## List of Publications by Citations

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35  
papers

655  
citations

12  
h-index

25  
g-index

38  
ext. papers

831  
ext. citations

8.3  
avg, IF

4.52  
L-index

#	Paper	IF	Citations
35	Sequence-defined polymers via orthogonal allyl acrylamide building blocks. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 13162-5	16.4	150
34	Sequence-defined bioactive macrocycles via an acid-catalysed cascade reaction. <i>Nature Chemistry</i> , <b>2016</b> , 8, 590-6	17.6	98
33	Intranasal fusion inhibitory lipopeptide prevents direct-contact SARS-CoV-2 transmission in ferrets. <i>Science</i> , <b>2021</b> , 371, 1379-1382	33.3	72
32	Sequence-Defined Backbone Modifications Regulate Antibacterial Activity of OligoTEAs. <i>ACS Chemical Biology</i> , <b>2017</b> , 12, 715-723	4.9	36
31	Biomimetic Electronic Devices for Measuring Bacterial Membrane Disruption. <i>Advanced Materials</i> , <b>2018</b> , 30, e1803130	24	35
30	In Vivo Efficacy of Measles Virus Fusion Protein-Derived Peptides Is Modulated by the Properties of Self-Assembly and Membrane Residence. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	28
29	Sequence-Defined Oligothioetheramides. <i>Synlett</i> , <b>2015</b> , 26, 565-571	2.2	23
28	Dual Site-Specific Antibody Conjugates for Sequential and Orthogonal Cargo Release. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 1702-1710	6.3	20
27	Substrate Design Enables Heterobifunctional, Dual "Click" Antibody Modification via Microbial Transglutaminase. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 2452-2457	6.3	19
26	Effective in Vivo Targeting of Influenza Virus through a Cell-Penetrating/Fusion Inhibitor Tandem Peptide Anchored to the Plasma Membrane. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 3362-3376	6.3	19
25	Effect of Composition on Antibacterial Activity of Sequence-Defined Cationic Oligothioetheramides. <i>ACS Infectious Diseases</i> , <b>2018</b> , 4, 1257-1263	5.5	15
24	Antibacterial isoamphiphathic oligomers highlight the importance of multimeric lipid aggregation for antibacterial potency. <i>Communications Biology</i> , <b>2018</b> , 1, 220	6.7	14
23	Thiol-Ene Networks from Sequence-Defined Polyurethane Macromers. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 6729-6736	16.4	12
22	Responsive Antibody Conjugates Enable Quantitative Determination of Intracellular Bond Degradation Rate. <i>Cell Chemical Biology</i> , <b>2019</b> , 26, 1643-1651.e4	8.2	12
21	Antibody-Mediated Endocytosis of Polysialic Acid Enables Intracellular Delivery and Cytotoxicity of a Glycan-Directed Antibody-Drug Conjugate. <i>Cancer Research</i> , <b>2019</b> , 79, 1810-1821	10.1	11
20	Versatile Platform for the Synthesis of Orthogonally Cleavable Heteromultifunctional Cross-Linkers. <i>Bioconjugate Chemistry</i> , <b>2017</b> , 28, 907-912	6.3	10
19	Synthesis and Solution-Phase Characterization of Sulfonated Oligothioetheramides. <i>Macromolecules</i> , <b>2017</b> , 50, 8731-8738	5.5	9

18	Hydrophilic Sequence-Defined Cross-Linkers for Antibody-Drug Conjugates. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 2982-2988	6.3	9
17	Inhibiting Human Parainfluenza Virus Infection by Preactivating the Cell Entry Mechanism. <i>MBio</i> , <b>2019</b> , 10,	7.8	9
16	Intracellular Delivery via Noncharged Sequence-Defined Cell-Penetrating Oligomers. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 2628-2635	6.3	9
15	Sensitivity of Antibacterial Activity to Backbone Sequence in Constitutionally Isomeric OligoTEAs. <i>Macromolecular Bioscience</i> , <b>2018</b> , 18, e1800241	5.5	8
14	Biophysical Characterization of Cationic Antibacterial Oligothioetheramides. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 3118-3124	7.8	7
13	Hijacking the Fusion Complex of Human Parainfluenza Virus as an Antiviral Strategy. <i>MBio</i> , <b>2020</b> , 11,	7.8	7
12	Intranasal fusion inhibitory lipopeptide prevents direct contact SARS-CoV-2 transmission in ferrets <b>2020</b> ,		4
11	Decomplexation as a rate limitation in the thiol-Michael addition of N-acrylamides. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 6364-6377	3.9	3
10	Characterization of 14-Crown-4 Ethers for the Extraction of Lithium from Natural Brines: Synthesis, Solubility Measurements in Supercritical Carbon Dioxide, and Thermodynamic Modeling. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 7926-7934	3.9	3
9	Predictive Platforms of Bond Cleavage and Drug Release Kinetics for Macromolecule-Drug Conjugates. <i>Annual Review of Chemical and Biomolecular Engineering</i> , <b>2021</b> , 12, 241-261	8.9	3
8	Design of a PEGylated Antimicrobial Prodrug with Species-Specific Activation. <i>Biomacromolecules</i> , <b>2021</b> , 22, 984-992	6.9	3
7	Effect of backbone and end-group regioisomerism on thermomechanical properties of vanillin-based polyurethane networks. <i>Polymer Chemistry</i> , <b>2021</b> , 12, 1526-1532	4.9	2
6	Design of protein-based turn-on molecular probes for intracellular bond cleavage. <i>Molecular Systems Design and Engineering</i> , <b>2020</b> , 5, 385-391	4.6	1
5	PEGylated Oligothioetheramide Prodrugs Activated by Host Serum Proteases. <i>ChemBioChem</i> , <b>2021</b> , 22, 2697-2702	3.8	1
4	Inhibition of Measles Viral Fusion Is Enhanced by Targeting Multiple Domains of the Fusion Protein. <i>ACS Nano</i> , <b>2021</b> ,	16.7	1
3	Mechanism of Action and Resistance Evasion of an Antimicrobial Oligomer against Multidrug-Resistant Gram-Negative Bacteria.. <i>ACS Applied Bio Materials</i> , <b>2022</b> ,	4.1	1
2	Quantitative Determination of Intracellular Bond Cleavage. <i>Methods in Pharmacology and Toxicology</i> , <b>2021</b> , 305-330	1.1	0
1	Iterative Synthetic Methods for the Assembly of Sequence-Controlled Non-Natural Polymers <b>2017</b> , 159-181		

