Christopher A Alabi

List of Publications by Year
in descending order

34	964	566801 15	454577 30
papers	citations	h-index	g-index

38	38	38	1240
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sequence-Defined Polymers via Orthogonal Allyl Acrylamide Building Blocks. Journal of the American Chemical Society, 2014, 136, 13162-13165.	6.6	183
2	Intranasal fusion inhibitory lipopeptide prevents direct-contact SARS-CoV-2 transmission in ferrets. Science, 2021, 371, 1379-1382.	6.0	158
3	Sequence-defined bioactive macrocycles via an acid-catalysed cascade reaction. Nature Chemistry, 2016, 8, 590-596.	6.6	126
4	Sequence-Defined Backbone Modifications Regulate Antibacterial Activity of OligoTEAs. ACS Chemical Biology, 2017, 12, 715-723.	1.6	44
5	Biomimetic Electronic Devices for Measuring Bacterial Membrane Disruption. Advanced Materials, 2018, 30, e1803130.	11.1	43
6	In Vivo Efficacy of Measles Virus Fusion Protein-Derived Peptides Is Modulated by the Properties of Self-Assembly and Membrane Residence. Journal of Virology, 2017, 91, .	1.5	40
7	Thiolâ€“Ene Networks from Sequence-Defined Polyurethane Macromers. Journal of the American Chemical Society, 2020, 142, 6729-6736.	6.6	35
8	Dual Site-Specific Antibody Conjugates for Sequential and Orthogonal Cargo Release. Bioconjugate Chemistry, 2019, 30, 1702-1710.	1.8	29
9	Sequence-Defined Oligothioetheramides. Synlett, 2015, 26, 565-571.	1.0	26
10	Effective in Vivo Targeting of Influenza Virus through a Cell-Penetrating/Fusion Inhibitor Tandem Peptide Anchored to the Plasma Membrane. Bioconjugate Chemistry, 2018, 29, 3362-3376.	1.8	26
11	Substrate Design Enables Heterobifunctional, Dual â€œClickâ€•Antibody Modification via Microbial Transglutaminase. Bioconjugate Chemistry, 2019, 30, 2452-2457.	1.8	23
12	Versatile Platform for the Synthesis of Orthogonally Cleavable Heteromultifunctional Cross-Linkers. Bioconjugate Chemistry, 2017, 28, 907-912.	1.8	20
13	Antibacterial isoamphipathic oligomers highlight the importance of multimeric lipid aggregation for antibacterial potency. Communications Biology, 2018, 1, 220.	2.0	19
14	Effect of Composition on Antibacterial Activity of Sequence-Defined Cationic Oligothioetheramides. ACS Infectious Diseases, 2018, 4, 1257-1263.	1.8	19
15	Hydrophilic Sequence-Defined Cross-Linkers for Antibodyâ€“Drug Conjugates. Bioconjugate Chemistry, 2019, 30, 2982-2988.	1.8	15
16	Hijacking the Fusion Complex of Human Parainfluenza Virus as an Antiviral Strategy. MBio, 2020, 11, .	1.8	15
17	Responsive Antibody Conjugates Enable Quantitative Determination of Intracellular Bond Degradation Rate. Cell Chemical Biology, 2019, 26, 1643-1651.e4.	2.5	14
18	Antibody-Mediated Endocytosis of Polysialic Acid Enables Intracellular Delivery and Cytotoxicity of a Glycan-Directed Antibodyâ€“Drug Conjugate. Cancer Research, 2019, 79, 1810-1821.	0.4	14

#	Article	IF	Citations
19	Synthesis and Solution-Phase Characterization of Sulfonated Oligothioetheramides. Macromolecules, 2017, 50, 8731-8738.	2.2	12
20	Intracellular Delivery via Noncharged Sequence-Defined Cell-Penetrating Oligomers. Bioconjugate Chemistry, 2018, 29, 2628-2635.	1.8	11
21	Sensitivity of Antibacterial Activity to Backbone Sequence in Constitutionally Isomeric OligoTEAs. Macromolecular Bioscience, 2018, 18, 1800241.	2.1	9
22	Biophysical Characterization of Cationic Antibacterial Oligothioetheramides. Analytical Chemistry, 2019, 91, 3118-3124.	3.2	9
23	Inhibiting Human Parainfluenza Virus Infection by Preactivating the Cell Entry Mechanism. MBio, 2019, 10, .	1.8	9
24	Inhibition of Measles Viral Fusion Is Enhanced by Targeting Multiple Domains of the Fusion Protein. ACS Nano, 2021, 15, 12794-12803.	7.3	9
25	Effect of backbone and end-group regioisomerism on thermomechanical properties of vanillin-based polyurethane networks. Polymer Chemistry, 2021, 12, 1526-1532.	1.9	8
26	Characterization of 14-Crown-4 Ethers for the Extraction of Lithium from Natural Brines: Synthesis, Solubility Measurements in Supercritical Carbon Dioxide, and Thermodynamic Modeling. Industrial & Engineering Chemistry Research, 2021, 60, 7926-7934.	1.8	7
27	Predictive Platforms of Bond Cleavage and Drug Release Kinetics for Macromoleculeâ€“Drug Conjugates. Annual Review of Chemical and Biomolecular Engineering, 2021, 12, 241-261.	3.3	7
28	Decomplexation as a rate limitation in the thiol-Michael addition of N-acrylamides. Organic and Biomolecular Chemistry, 2020, 18, 6364-6377.	1.5	6
29	Design of a PEGylated Antimicrobial Prodrug with Species-Specific Activation. Biomacromolecules, 2021, 22, 984-992.	2.6	5
30	Mechanism of Action and Resistance Evasion of an Antimicrobial Oligomer against Multidrug-Resistant Gram-Negative Bacteria. ACS Applied Bio Materials, 2022, 5, 1159-1168.	2.3	5
31	Repurposing an In Vitro Measles Virus Dissemination Assay for Screening of Antiviral Compounds. Viruses, 2022, 14, 1186.	1.5	4
32	Design of protein-based â€œturn onâ€•molecular probes for intracellular bond cleavage. Molecular Systems Design and Engineering, 2020, 5, 385-391.	1.7	2
33	PEGylated Oligothioetheramide Prodrugs Activated by Host Serum Proteases. ChemBioChem, 2021, 22, 2697-2702.	1.3	2
34	Quantitative Determination of Intracellular Bond Cleavage. Methods in Pharmacology and Toxicology, 2021, , 305-330.	0.1	1