

# Schuyler A Chambers

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Solution to Antifolate Resistance in Group B Streptococcus : Untargeted Metabolomics Identifies Human Milk Oligosaccharide-Induced Perturbations That Result in Potentiation of Trimethoprim. MBio, 2020, 11, .	1.8	25
2	The DARK Side of Total Synthesis: Strategies and Tactics in Psychoactive Drug Production. ACS Chemical Neuroscience, 2018, 9, 2307-2330.	1.7	23
3	Antibacterial and Anti-biofilm Activity of the Human Breast Milk Glycoprotein Lactoferrin against Group B Streptococcus. ChemBioChem, 2021, 22, 2124-2133.	1.3	23
4	Lactoferrin: A Critical Mediator of Both Host Immune Response and Antimicrobial Activity in Response to Streptococcal Infections. ACS Infectious Diseases, 2020, 6, 1615-1623.	1.8	21
5	Analysis of Antimicrobial and Antibiofilm Activity of Human Milk Lactoferrin Compared to Bovine Lactoferrin against Multidrug Resistant and Susceptible Acinetobacter baumannii Clinical Isolates. ACS Infectious Diseases, 2021, 7, 2116-2126.	1.8	17
6	Vitamin D and Streptococci: The Interface of Nutrition, Host Immune Response, and Antimicrobial Activity in Response to Infection. ACS Infectious Diseases, 2020, 6, 3131-3140.	1.8	12
7	Group B Streptococcus cpsE Is Required for Serotype V Capsule Production and Aids in Biofilm Formation and Ascending Infection of the Reproductive Tract during Pregnancy. ACS Infectious Diseases, 2021, 7, 2686-2696.	1.8	12
8	Synthetic Ellagic Acid Glycosides Inhibit Early Stage Adhesion of Streptococcus agalactiae Biofilms as Observed by Scanning Electron Microscopy. Chemistry - A European Journal, 2020, 26, 9923-9928.	1.7	11
9	Analysis of virulence phenotypes and antibiotic resistance in clinical strains of Acinetobacter baumannii isolated in Nashville, Tennessee. BMC Microbiology, 2021, 21, 21.	1.3	10
10	Like mother, like microbe: human milk oligosaccharide mediated microbiome symbiosis. Biochemical Society Transactions, 2020, 48, 1139-1151.	1.6	10
11	Bioorthogonal human milk oligosaccharide probes for antimicrobial target identification within Streptococcus agalactiae. Carbohydrate Research, 2020, 488, 107895.	1.1	9
12	Leveraging Stereoelectronic Effects in Biofilm Eradication: Synthetic Î²-Amino Human Milk Oligosaccharides Impede Microbial Adhesion As Observed by Scanning Electron Microscopy. Journal of Organic Chemistry, 2020, 85, 16128-16135.	1.7	9
13	Analysis of Susceptibility to the Antimicrobial and Anti-Biofilm Activity of Human Milk Lactoferrin in Clinical Strains of Streptococcus agalactiae With Diverse Capsular and Sequence Types. Frontiers in Cellular and Infection Microbiology, 2021, 11, 740872.	1.8	6
14	The Innate Immune Glycoprotein Lactoferrin Represses the Helicobacter pylori cag Type IV Secretion System. ChemBioChem, 2021, 22, 2783-2790.	1.3	5
15	Two-step conversion of unprotected oligosaccharides to generate bioorthogonal oligosaccharide tool compounds. MethodsX, 2020, 7, 100996.	0.7	0