

# Claudia Jessen-Trefzer

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

972  
citations

759233

12  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1625  
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial metalloenzymes in a nutshell: the quartet for efficient catalysis. <i>Biological Chemistry</i> , 2022, 403, 403-412.	2.5	5
2	Chemical biology in drug discovery. <i>Biological Chemistry</i> , 2022, 403, 361-362.	2.5	1
3	Pyridinium Modified Anthracenes and Their Endoperoxides Provide a Tunable Scaffold with Activity against Gram-Positive and Gram-Negative Bacteria. <i>ACS Infectious Diseases</i> , 2021, 7, 2073-2080.	3.8	12
4	Inside a Shell—Organometallic Catalysis Inside Encapsulin Nanoreactors. <i>Angewandte Chemie</i> , 2021, 133, 24028-24034.	2.0	3
5	Inside a Shell—Organometallic Catalysis Inside Encapsulin Nanoreactors. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23835-23841.	13.8	15
6	The Two-Component Locus MSMEG_0244/0246 Together With MSMEG_0243 Affects Biofilm Assembly in <i>M. smegmatis</i> Correlating With Changes in Phosphatidylinositol Mannosides Acylation. <i>Frontiers in Microbiology</i> , 2020, 11, 570606.	3.5	4
7	Four Phosphates at One Blow: Access to Pentaphosphorylated Magic Spot Nucleotides and Their Analysis by Capillary Electrophoresis. <i>Journal of Organic Chemistry</i> , 2020, 85, 14496-14506.	3.2	15
8	Understanding the mechanism of action of pyrrolo[3,2- <i>b</i> ]quinoxaline-derivatives as kinase inhibitors. <i>RSC Medicinal Chemistry</i> , 2020, 11, 665-675.	3.9	4
9	Detection and Characterization of a Mycobacterial L-Arabinofuranose ABC Transporter Identified with a Rapid Lipoproteomics Protocol. <i>Cell Chemical Biology</i> , 2019, 26, 852-862.e6.	5.2	8
10	Trehalose Conjugation Enhances Toxicity of Photosensitizers against Mycobacteria. <i>ACS Central Science</i> , 2019, 5, 644-650.	11.3	21
11	Magic spot nucleotides: tunable target-specific chemoenzymatic synthesis. <i>Chemical Communications</i> , 2019, 55, 5339-5342.	4.1	17
12	New WS9326A Derivatives and One New Annimycin Derivative with Antimalarial Activity are Produced by <i>Streptomyces asterosporus</i> DSM 41452 and Its Mutant. <i>ChemBioChem</i> , 2018, 19, 272-279.	2.6	25
13	Wide Distribution of Foxicin Biosynthetic Gene Clusters in <i>Streptomyces</i> Strains — An Unusual Secondary Metabolite with Various Properties. <i>Frontiers in Microbiology</i> , 2017, 8, 221.	3.5	6
14	A Modular Synthesis of Modified Phosphoanhydrides. <i>Chemistry - A European Journal</i> , 2015, 21, 10116-10122.	3.3	36
15	The RNA-binding protein HuR/ELAVL1 regulates IFN- $\beta$ mRNA abundance and the type I IFN response. <i>European Journal of Immunology</i> , 2015, 45, 1500-1511.	2.9	49
16	Targeting a cell state common to triple-negative breast cancers. <i>Molecular Systems Biology</i> , 2015, 11, 789.	7.2	21
17	NOTCH1 activation in breast cancer confers sensitivity to inhibition of SUMOylation. <i>Oncogene</i> , 2015, 34, 3780-3790.	5.9	40
18	The solute carrier SLC35F2 enables YM155-mediated DNA damage toxicity. <i>Nature Chemical Biology</i> , 2014, 10, 768-773.	8.0	157

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19	Identification of a small molecule with activity against drug-resistant and persistent tuberculosis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2510-7.	7.1	188
20	Benzothiazinones Are Suicide Inhibitors of Mycobacterial Decaprenylphosphoryl- $\beta$ -D-ribofuranose 2-Oxidase DprE1. Journal of the American Chemical Society, 2012, 134, 912-915.	13.7	155
21	Benzothiazinones: Prodrugs That Covalently Modify the Decaprenylphosphoryl- $\beta$ -D-ribose 2-epimerase DprE1 of <i>Mycobacterium tuberculosis</i> . Journal of the American Chemical Society, 2010, 132, 13663-13665.	13.7	185