

# Timothy E Long

## List of Publications by Year in descending order

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40  
papers

1,054  
citations

393982

19  
h-index

414034

32  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1165  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trihydroxamate Siderophore-Fluoroquinolone Conjugates Are Selective Sideromycin Antibiotics that Target <i>Staphylococcus aureus</i> . <i>Bioconjugate Chemistry</i> , 2013, 24, 473-486.	1.8	112
2	Is drug release necessary for antimicrobial activity of siderophore-drug conjugates? Syntheses and biological studies of the naturally occurring salmycin -Trojan Horse-antibiotics and synthetic desferridanoxamine-antibiotic conjugates. <i>BioMetals</i> , 2009, 22, 633-648.	1.8	110
3	A Novel $\beta$ -Lactam Antibiotic Activates Tumor Cell Apoptotic Program by Inducing DNA Damage. <i>Molecular Pharmacology</i> , 2002, 61, 1348-1358.	1.0	68
4	Novel N-thiolated $\beta$ -lactam antibiotics selectively induce apoptosis in human tumor and transformed, but not normal or nontransformed, cells. <i>Biochemical Pharmacology</i> , 2004, 67, 365-374.	2.0	64
5	Repurposing Thiram and Disulfiram as Antibacterial Agents for Multidrug-Resistant <i>Staphylococcus aureus</i> Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	49
6	N-Thiolated $\beta$ -Lactams: novel antibacterial agents for methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 2229-2231.	1.0	46
7	Anti-tumor activity of N-thiolated $\beta$ -lactam antibiotics. <i>Cancer Letters</i> , 2008, 268, 63-69.	3.2	44
8	N-thiolated $\beta$ -lactams: Studies on the mode of action and identification of a primary cellular target in <i>Staphylococcus aureus</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 2453-2467.	1.4	43
9	Generation of a highly attenuated strain of <i>Pseudomonas aeruginosa</i> for commercial production of alginate. <i>Microbial Biotechnology</i> , 2020, 13, 162-175.	2.0	43
10	Disulfiram-based disulfides as narrow-spectrum antibacterial agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 1298-1302.	1.0	40
11	N-Thiolated $\beta$ -lactam antibacterials: Effects of the N-organothio substituent on anti-MRSA activity. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 3775-3784.	1.4	37
12	N-Methylthio $\beta$ -lactam antibacterials: Effects of the C3/C4 ring substituents on anti-MRSA activity. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 6289-6308.	1.4	34
13	Antibacterial activity of disulfiram and its metabolites. <i>Journal of Applied Microbiology</i> , 2019, 126, 79-86.	1.4	34
14	N-Thiolated $\beta$ -lactams: A new family of anti-Bacillus agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 2084-2090.	1.0	33
15	1,4-Naphthoquinone Cations as Antiplasmodial Agents: Hydroxy-, Acyloxy-, and Alkoxy-Substituted Analogues. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 1029-1033.	1.3	30
16	Allucin-inspired pyridyl disulfides as antimicrobial agents for multidrug-resistant <i>Staphylococcus aureus</i> . <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1185-1195.	2.6	30
17	Phosphonium lipocations as antiparasitic agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 2976-2979.	1.0	27
18	Crystal structure of the mitochondrial protein mitoNEET bound to a benze-sulfonide ligand. <i>Communications Chemistry</i> , 2019, 2, .	2.0	21

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19	Lipase-catalyzed resolution of 4-aryl-substituted $\hat{\beta}$ -lactams: effect of substitution on the 4-aryl ring. <i>Tetrahedron</i> , 2003, 59, 9147-9160.	1.0	19
20	N-Thiolated $\hat{\beta}$ -Lactam Antibacterials: Defining the Role of Unsaturation in the C4 Side Chain. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 193-196.	1.4	17
21	Effect of Aryl Ring Fluorination on the Antibacterial Properties of C4 Aryl-Substituted N-Methylthio $\hat{\beta}$ -Lactams. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 1859-1863.	1.4	15
22	Allicin-inspired thiolated fluoroquinolones as antibacterials against ESKAPE pathogens. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 5545-5549.	1.0	15
23	Preparation of vinylglycines by thermolysis of homocysteine sulfoxides. <i>Tetrahedron Letters</i> , 2009, 50, 5067-5070.	0.7	13
24	Anionic fluoroquinolones as antibacterials against biofilm-producing <i>Pseudomonas aeruginosa</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1305-1309.	1.0	13
25	o-Nitrophenyl Sulfoxides: Efficient Precursors for the Mild Preparation of Alkenes. <i>Journal of Organic Chemistry</i> , 2010, 75, 249-252.	1.7	12
26	Asymmetric synthesis of monocyclic $\hat{\beta}$ -lactams from l-cysteine using photochemistry. <i>Tetrahedron Letters</i> , 2011, 52, 5051-5054.	0.7	12
27	Cephalosporins currently in early clinical trials for the treatment of bacterial infections. <i>Expert Opinion on Investigational Drugs</i> , 2014, 23, 1375-1387.	1.9	12
28	Binding of thiazolidinediones to the endoplasmic reticulum protein nutrient-deprivation autophagy factor-1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 901-904.	1.0	11
29	Efficacy of Aerosolized Rifaximin versus Tobramycin for Treatment of <i>Pseudomonas aeruginosa</i> Pneumonia in Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	7
30	Haloenol pyranones and morpholinones as antineoplastic agents of prostate cancer. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4854-4858.	1.0	5
31	Effects of caspofungin, tolcapone and other FDA-approved medications on MRSA susceptibility to vancomycin. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 22, 283-289.	0.9	5
32	Correlation of MRSA polymerase chain reaction (PCR) wound swab testing and wound cultures in skin and soft tissue infections. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 100, 115389.	0.8	5
33	Disulfiram: A Repurposed Drug in Preclinical and Clinical Development for the Treatment of Infectious Diseases. <i>Anti-Infective Agents</i> , 2022, 20, .	0.1	5
34	New antibiotics in clinical trials for <i>Clostridium difficile</i> . <i>Expert Review of Anti-Infective Therapy</i> , 2016, 14, 789-800.	2.0	4
35	Pharmacological evaluation of disulfiram analogs as antimicrobial agents and their application as inhibitors of fosB-mediated fosfomycin resistance. <i>Journal of Antibiotics</i> , 2022, 75, 146-154.	1.0	4
36	Phase-Transfer Catalysts in the O-Alkylation of 2-Hydroxynaphthoquinones. <i>Synthesis</i> , 2012, 44, 3225-3230.	1.2	3

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37	Spiropiperidyl rifabutins: expanded in vitro testing against ESKAPE pathogens and select bacterial biofilms. <i>Journal of Antibiotics</i> , 2020, 73, 868-872.	1.0	3
38	Recent progress toward the clinical development of new anti-MRSA antibiotics. <i>IDrugs: the Investigational Drugs Journal</i> , 2003, 6, 351-9.	0.7	3
39	Context-dependent activation of p53 target genes and induction of apoptosis by actinomycin D in aerodigestive tract cancers. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2022, 27, 342-353.	2.2	3
40	Effect of copper on the antifungal activity of disulfiram (Antabuse®) in fluconazole-resistant <i>Candida</i> strains. <i>Medical Mycology</i> , 2022, 60, .	0.3	2