Timothy E Long

List of Publications by Citations

37	838	18	28
papers	citations	h-index	g-index

42	954	3.9	4.15
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
37	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. *BioMetals*, **2009**, 22, 633-48	3.4	96
36	Trihydroxamate siderophore-fluoroquinolone conjugates are selective sideromycin antibiotics that target Staphylococcus aureus. *Bioconjugate Chemistry*, **2013**, 24, 473-86	6.3	87
35	A novel beta-lactam antibiotic activates tumor cell apoptotic program by inducing DNA damage. *Molecular Pharmacology*, **2002**, 61, 1348-58	4.3	63
34	Novel N-thiolated beta-lactam antibiotics selectively induce apoptosis in human tumor and transformed, but not normal or nontransformed, cells. *Biochemical Pharmacology*, **2004**, 67, 365-74	6	60
33	N-thiolated beta-lactams: novel antibacterial agents for methicillin-resistant Staphylococcus aureus. *Bioorganic and Medicinal Chemistry Letters*, **2002**, 12, 2229-31	2.9	44
32	Anti-tumor activity of N-thiolated beta-lactam antibiotics. *Cancer Letters*, **2008**, 268, 63-9	9.9	38
31	N-thiolated beta-lactams: Studies on the mode of action and identification of a primary cellular target in Staphylococcus aureus. *Bioorganic and Medicinal Chemistry*, **2007**, 15, 2453-67	3.4	38
30	Repurposing Thiram and Disulfiram as Antibacterial Agents for Multidrug-Resistant Staphylococcus aureus Infections. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	33
29	N-Thiolated beta-lactam antibacterials: effects of the N-organothio substituent on anti-MRSA activity. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 3775-84	3.4	33
28	N-thiolated beta-lactams: a new family of anti-Bacillus agents. *Bioorganic and Medicinal Chemistry Letters*, **2006**, 16, 2084-90	2.9	31
27	N-Methylthio beta-lactam antibacterials: effects of the C3/C4 ring substituents on anti-MRSA activity. *Bioorganic and Medicinal Chemistry*, **2005**, 13, 6289-308	3.4	28
26	1,4-naphthoquinone cations as antiplasmodial agents: hydroxy-, acyloxy-, and alkoxy-substituted analogues. *ACS Medicinal Chemistry Letters*, **2012**, 3, 1029-33	4.3	25
25	Disulfiram-based disulfides as narrow-spectrum antibacterial agents. *Bioorganic and Medicinal Chemistry Letters*, **2018**, 28, 1298-1302	2.9	24
24	Phosphonium lipocations as antiparasitic agents. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 2976-9	2.9	23
23	Allicin-inspired pyridyl disulfides as antimicrobial agents for multidrug-resistant Staphylococcus aureus. *European Journal of Medicinal Chemistry*, **2018**, 143, 1185-1195	6.8	22
22	Antibacterial activity of disulfiram and its metabolites. *Journal of Applied Microbiology*, **2019**, 126, 79-86	4.7	20
21	Generation of a highly attenuated strain of Pseudomonas aeruginosa for commercial production of alginate. *Microbial Biotechnology*, **2020**, 13, 162-175	6.3	20

20	Lipase-catalyzed resolution of 4-aryl-substituted □lactams: effect of substitution on the 4-aryl ring. *Tetrahedron*, **2003**, 59, 9147-9160	2.4	18
19	N-Thiolated beta-lactam antibacterials: defining the role of unsaturation in the C4 side chain. *Bioorganic and Medicinal Chemistry*, **2003**, 11, 193-6	3.4	17
18	Effect of aryl ring fluorination on the antibacterial properties of C4 aryl-substituted N-methylthio beta-lactams. *Bioorganic and Medicinal Chemistry*, **2003**, 11, 1859-63	3.4	15
17	Allicin-inspired thiolated fluoroquinolones as antibacterials against ESKAPE pathogens. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 5545-5549	2.9	12
16	Anionic fluoroquinolones as antibacterials against biofilm-producing Pseudomonas aeruginosa. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 1305-9	2.9	11
15	Cephalosporins currently in early clinical trials for the treatment of bacterial infections. *Expert Opinion on Investigational Drugs*, **2014**, 23, 1375-87	5.9	11
14	Crystal structure of the mitochondrial protein mitoNEET bound to a benze-sulfonide ligand. *Communications Chemistry*, **2019**, 2,	6.3	10
13	Asymmetric synthesis of monocyclic □lactams from l-cysteine using photochemistry. *Tetrahedron Letters*, **2011**, 52, 5051-5054	2	10
12	Preparation of vinylglycines by thermolysis of homocysteine sulfoxides. *Tetrahedron Letters*, **2009**, 50, 5067-5070	2	10
11	o-Nitrophenyl sulfoxides: efficient precursors for the mild preparation of alkenes. *Journal of Organic Chemistry*, **2010**, 75, 249-52	4.2	9
10	Efficacy of Aerosolized Rifaximin versus Tobramycin for Treatment of Pseudomonas aeruginosa Pneumonia in Mice. *Antimicrobial Agents and Chemotherapy*, **2019**, 63,	5.9	5
9	Binding of thiazolidinediones to the endoplasmic reticulum protein nutrient-deprivation autophagy factor-1. *Bioorganic and Medicinal Chemistry Letters*, **2019**, 29, 901-904	2.9	4
8	Effects of caspofungin, tolcapone and other FDA-approved medications on MRSA susceptibility to vancomycin. *Journal of Global Antimicrobial Resistance*, **2020**, 22, 283-289	3.4	3
7	New antibiotics in clinical trials for Clostridium difficile. *Expert Review of Anti-Infective Therapy*, **2016**, 14, 789-800	5.5	3
6	Phase-Transfer Catalysts in the O-Alkylation of 2-Hydroxynaphthoquinones. *Synthesis*, **2012**, 44, 3225-3230	2.9	3
5	Recent progress toward the clinical development of new anti-MRSA antibiotics. *IDrugs: the Investigational Drugs Journal*, **2003**, 6, 351-9		3
4	Haloenol pyranones and morpholinones as antineoplastic agents of prostate cancer. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 4854-8	2.9	2
3	Spiropiperidyl rifabutins: expanded in vitro testing against ESKAPE pathogens and select bacterial biofilms. *Journal of Antibiotics*, **2020**, 73, 868-872	3.7	1

2	Correlation of MRSA polymerase chain reaction (PCR) wound swab testing and wound cultures in skin and soft tissue infections. *Diagnostic Microbiology and Infectious Disease*, **2021**, 100, 115389	2.9	1
1	Context-dependent activation of p53 target genes and induction of apoptosis by actinomycin D in aerodigestive tract cancers.. *Apoptosis: an International Journal on Programmed Cell Death*, **2022**, 1	5.4	1