

Xiaodong Liu

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

376
citations

759233

12
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888059

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21
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21
times ranked

474
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyridoxal-5-phosphate-dependent alkyl transfer in nucleoside antibiotic biosynthesis. <i>Nature Chemical Biology</i> , 2020, 16, 904-911.	8.0	24
2	Biosynthetic and Synthetic Strategies for Assembling Capuramycin-Type Antituberculosis Antibiotics. <i>Molecules</i> , 2019, 24, 433.	3.8	12
3	Pyridoxal-5-phosphate as an oxygenase cofactor: Discovery of a carboxamide-forming, β -amino acid monooxygenase-decarboxylase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 974-979.	7.1	26
4	Enzymatic Synthesis of the Ribosylated Glycyl-Uridine Disaccharide Core of Peptidyl Nucleoside Antibiotics. <i>Journal of Organic Chemistry</i> , 2018, 83, 7239-7249.	3.2	11
5	Self-Resistance during Muraymycin Biosynthesis: a Complementary Nucleotidyltransferase and Phosphotransferase with Identical Modification Sites and Distinct Temporal Order. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	16
6	Evidence that oxidative dephosphorylation by the nonheme Fe(II), β -ketoglutarate:UMP oxygenase occurs by stereospecific hydroxylation. <i>FEBS Letters</i> , 2017, 591, 468-478.	2.8	11
7	Antibacterial and Cytotoxic Actinomycins Y ₆ and Y ₉ and Z _p from <i>Streptomyces</i> sp. Strain GÅr-GS12. <i>Journal of Natural Products</i> , 2016, 79, 2731-2739.	3.0	39
8	The Role of a Nonribosomal Peptide Synthetase in Lysine Lactamization During Capuramycin Biosynthesis. <i>ChemBioChem</i> , 2016, 17, 804-810.	2.6	10
9	A biocatalytic approach to capuramycin analogues by exploiting a substrate permissive N-transacylase CapW. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3956-3962.	2.8	16
10	The Biosynthesis of Capuramycin-type Antibiotics. <i>Journal of Biological Chemistry</i> , 2015, 290, 13710-13724.	3.4	28
11	Synthesis of 3-Aroyl-4-hydroxy-4-arylpiperidine Derivatives by DBU-Catalyzed Reactions of Amines with Vinyl Ketones. <i>Synlett</i> , 2012, 23, 1691-1695.	1.8	2
12	A new chiral 2-(ethylthio)-thiazolone analogue shows strong antitumor activities by inducing cancer cell apoptosis and inhibiting angiogenesis. <i>Anti-Cancer Drugs</i> , 2012, 23, 914-922.	1.4	3
13	An Asymmetric Organocatalytic Approach to Michael Reactions of Thiazolones and Nitroalkenes: Preparation of Compounds with Anti-Cancer Potency. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6647-6655.	2.4	12
14	New approach to the preparation of bicyclo octane derivatives via the enantioselective cascade reaction catalyzed by chiral diamine-Ni(OAc) ₂ complex. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4767.	2.8	26
15	Asymmetric Aza-Mannich Addition: Synthesis of Modified Chiral 2-(Ethylthio)-thiazolone Derivatives with Anticancer Potency. <i>Organic Letters</i> , 2011, 13, 1494-1497.	4.6	39
16	Asymmetric Aza-Mannich Addition of Oxazolones to N-Tosyl Aldimines: Synthesis of Chiral β -Disubstituted β , γ -Diamino Acids. <i>Organic Letters</i> , 2010, 12, 876-879.	4.6	88
17	Enantioselective addition of thiophenylboronic acids to aldehydes using ZnEt ₂ /Schiff-base catalytic system. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 616-620.	1.8	13