

# Xiaodong Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

376  
citations

759233

12  
h-index

888059

17  
g-index

21  
all docs

21  
docs citations

21  
times ranked

474  
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric Aza-Mannich Addition of Oxazolones to N-Tosyl Aldimines: Synthesis of Chiral $\hat{1}\pm$ -Disubstituted $\hat{1}\pm$ , $\hat{1}^2$ -Diamino Acids. <i>Organic Letters</i> , 2010, 12, 876-879.	4.6	88
2	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
3	Antibacterial and Cytotoxic Actinomycins $\gamma_6$ and $Z_p$ from <i>Streptomyces</i> sp. Strain GÅq-GS12. <i>Journal of Natural Products</i> , 2016, 79, 2731-2739.	3.0	39
4	The Biosynthesis of Capuramycin-type Antibiotics. <i>Journal of Biological Chemistry</i> , 2015, 290, 13710-13724.	3.4	28
5	New approach to the preparation of bicyclo octane derivatives via the enantioselective cascade reaction catalyzed by chiral diamine-Ni(OAc) <sub>2</sub> complex. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4767.	2.8	26
6	Pyridoxal-5-phosphate as an oxygenase cofactor: Discovery of a carboxamide-forming, $\hat{1}\pm$ -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
7	Pyridoxal-5-phosphate-dependent alkyl transfer in nucleoside antibiotic biosynthesis. <i>Nature Chemical Biology</i> , 2020, 16, 904-911.	8.0	24
8	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
9	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
10	Enantioselective addition of thiophenylboronic acids to aldehydes using ZnEt <sub>2</sub> /Schiff-base catalytic system. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 616-620.	1.8	13
11	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
12	Biosynthetic and Synthetic Strategies for Assembling Capuramycin-Type Antituberculosis Antibiotics. <i>Molecules</i> , 2019, 24, 433.	3.8	12
13	Evidence that oxidative dephosphorylation by the nonheme Fe( <sup>II</sup> ), $\hat{1}\pm$ -ketoglutarate:UMP oxygenase occurs by stereospecific hydroxylation. <i>FEBS Letters</i> , 2017, 591, 468-478.	2.8	11
14	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
15	The Role of a Nonribosomal Peptide Synthetase in $\epsilon$ -Lysine Lactamization During Capuramycin Biosynthesis. <i>ChemBioChem</i> , 2016, 17, 804-810.	2.6	10
16	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
17	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