

Shoufeng Wang

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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759233

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#	ARTICLE	IF	CITATIONS
1	Thiopeptide Antibiotics Exhibit a Dual Mode of Action against Intracellular Pathogens by Affecting Both Host and Microbe. <i>Chemistry and Biology</i> , 2015, 22, 1002-1007.	6.0	55
2	Insights into Quinaldic Acid Moiety Formation in Thiostrepton Biosynthesis Facilitating Fluorinated Thiopeptide Generation. <i>Chemistry and Biology</i> , 2012, 19, 443-448.	6.0	48
3	Opportunities and challenges from current investigations into the biosynthetic logic of nosiheptide-represented thiopeptide antibiotics. <i>Current Opinion in Chemical Biology</i> , 2013, 17, 626-634.	6.1	42
4	Target-oriented design and biosynthesis of thiostrepton-derived thiopeptide antibiotics with improved pharmaceutical properties. <i>Organic Chemistry Frontiers</i> , 2015, 2, 106-109.	4.5	32
5	An Î±/Î²-hydrolase fold protein in the biosynthesis of thiostrepton exhibits a dual activity for endopeptidyl hydrolysis and epoxide ring opening/macrocyclization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14318-14323.	7.1	32
6	Precursor-Directed Mutational Biosynthesis Facilitates the Functional Assignment of Two Cytochromes P450 in Thiostrepton Biosynthesis. <i>ACS Chemical Biology</i> , 2016, 11, 2673-2678.	3.4	31
7	Concurrent modifications of the C-terminus and side ring of thiostrepton and their synergistic effects with respect to improving antibacterial activities. <i>Organic Chemistry Frontiers</i> , 2016, 3, 496-500.	4.5	19
8	Rhodium(III)-Catalyzed C(sp ³)-H Bond Aminocarbonylation with Isocyanates. <i>Journal of Organic Chemistry</i> , 2018, 83, 4153-4159.	3.2	18
9	Co(scp)/Cu(scp)-cocatalyzed oxidative C-H/N-H functionalization of benzamides with ketones: a facile route to isoindolin-1-ones. <i>Chemical Communications</i> , 2019, 55, 8603-8606.	4.1	18
10	Recent Advances in Minisci-type Reactions and Applications in Organic Synthesis. <i>Current Organic Chemistry</i> , 2021, 25, 894-934.	1.6	18
11	Radical S-Adenosylmethionine Protein NosN Forms the Side Ring System of Nosiheptide by Functionalizing the Polythiazolyl Peptide S-Conjugated Indolic Moiety. <i>Organic Letters</i> , 2019, 21, 1502-1505.	4.6	16
12	Molecular engineering of thiostrepton via single base-based mutagenesis to generate side ring-derived variants. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1254-1258.	4.5	13
13	The Ag-promoted Î±-C-H arylation of alcohols. <i>RSC Advances</i> , 2019, 9, 41847-41850.	3.6	12
14	Visible Light-Induced Radical Cyclization of Tertiary Bromides with Isonitriles To Construct Trifluoromethylated Quaternary Carbon Center. <i>Journal of Organic Chemistry</i> , 2018, 83, 14588-14599.	3.2	11
15	Efficient ABEI-Dissolved O ₂ -Ce(III, IV)-MOF Ternary Electrochemiluminescent System Combined with Self-Assembled Microfluidic Chips for Bioanalysis. <i>Analytical Chemistry</i> , 2022, 94, 9363-9371.	6.5	11
16	Silver-Promoted Versatile Cross-Dehydrogenative Coupling of Quinaldine with Usual Ethers. <i>Synlett</i> , 2019, 30, 2096-2100.	1.8	8
17	Iridium/Copper-Catalyzed Oxidative C-H/O-H Annulation of Benzoic Acids with Saturated Ketones for Accessing 3-Substituted Phthalides. <i>ChemCatChem</i> , 2020, 12, 5907-5911.	3.7	8
18	Iridium(III)-Catalyzed Directed ortho-C(sp ²)-H Amidation of Arenes with Sulfonamides. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2071-2077.	2.4	7

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19	Nosiheptide analogues as potential antibacterial agents via dehydroalanine region modifications: Semi-synthesis, antimicrobial activity and molecular docking study. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 31, 115970.	3.0	6
20	Mutational biosynthesis to generate novel analogs of nosiheptide featuring a fluorinated indolic acid moiety. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 4051-4055.	2.8	5
21	One-pot synthesis of heteroaromatic acetals via selectfluor-mediated tandem reaction of methyl quinoline-2-carboxylate and methanol. <i>Tetrahedron</i> , 2022, 105, 132607.	1.9	2