

Steven M Wales

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

528
citations

759233

12
h-index

642732

23
g-index

30
all docs

30
docs citations

30
times ranked

600
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversible Capture and Release of a Ligand Mediated by a Long-Range Relayed Polarity Switch in a Urea Oligomer. <i>Journal of the American Chemical Society</i> , 2022, 144, 2841-2846.	13.7	14
2	C(sp ³)-Arylation by Conformationally Accelerated Intramolecular Nucleophilic Aromatic Substitution (S _N Ar). <i>Accounts of Chemical Research</i> , 2022, 55, 1731-1747.	15.6	22
3	Seven-membered rings. <i>Progress in Heterocyclic Chemistry</i> , 2021, , 565-614.	0.5	3
4	<i>N</i> -Methyl Allylic Amines from Allylic Alcohols by Mitsunobu Substitution Using <i>N</i> -Boc Ethyl Oxamate. <i>Journal of Organic Chemistry</i> , 2021, 86, 8538-8543.	3.2	4
5	A molecular communication channel consisting of a single reversible chain of hydrogen bonds in a conformationally flexible oligomer. <i>CheM</i> , 2021, 7, 2460-2472.	11.7	23
6	Seven-membered rings. <i>Progress in Heterocyclic Chemistry</i> , 2021, , 533-581.	0.5	2
7	Palladium-Catalyzed Decarboxylative Formal (4+2) Cycloaddition of Vinyl Benzoxazinones with 3-Nitroindoles. <i>Synlett</i> , 2020, 31, 916-924.	1.8	10
8	Benzoazepine-Fused Isoindolines via Intramolecular (3 + 2)-Cycloadditions of Azomethine Ylides with Dinitroarenes. <i>Organic Letters</i> , 2019, 21, 4703-4708.	4.6	16
9	Cationic biaryl 1,2,3-triazolyl peptidomimetic amphiphiles targeting <i>Clostridioides (Clostridium) difficile</i> : Synthesis, antibacterial evaluation and an <i>in Vivo C. difficile</i> infection model. <i>European Journal of Medicinal Chemistry</i> , 2019, 170, 203-224.	5.5	17
10	Cationic biaryl 1,2,3-triazolyl peptidomimetic amphiphiles: synthesis, antibacterial evaluation and preliminary mechanism of action studies. <i>European Journal of Medicinal Chemistry</i> , 2019, 168, 386-404.	5.5	27
11	Switchable Synthesis of <i>Z</i> -Homoallylic Boronates and <i>E</i> -Allylic Boronates by Enantioselective Copper-Catalyzed 1,6-Boration. <i>Chemistry - A European Journal</i> , 2018, 24, 8315-8319.	3.3	13
12	Diastereoselective Synthesis of Highly Substituted, Amino- and Pyrrolidino-Tetrahydrofurans as Lead-Like Molecular Scaffolds. <i>Chemistry - A European Journal</i> , 2018, 24, 8233-8239.	3.3	11
13	Nitrogen-Bridged, Natural Product Like Octahydrobenzofurans and Octahydroindoles: Scope and Mechanism of Bridge-Forming Reductive Amination via Caged Heteroadamantanes. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4696-4704.	2.4	9
14	Pd-Catalyzed Dearomative [3 + 2] Cycloaddition of 3-Nitroindoles with 2-Vinylcyclopropane-1,1-dicarboxylates. <i>Journal of Organic Chemistry</i> , 2017, 82, 13517-13529.	3.2	62
15	Arsenous chloride-free synthesis of cyclic tertiary organoarsines from arylarsine oxides and di-Grignard reagents. <i>Journal of Organometallic Chemistry</i> , 2015, 785, 77-83.	1.8	16
16	Binaphthyl-1,2,3-triazole peptidomimetics with activity against <i>Clostridium difficile</i> and other pathogenic bacteria. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5743-5756.	2.8	29
17	Enantiopure Trans-4,5-Disubstituted 2-Imidazolidinones via Copper(I)-Catalyzed Ring Opening of 1,1-di-Boc-2,2-bisaziridine with Grignard Reagents. <i>Journal of Organic Chemistry</i> , 2015, 80, 5992-5998.	3.2	8
18	Cyclic Phosphine Oxides and Phosphinamides from Di-Grignard Reagents and Phosphonic Dichlorides: Modular Access to Annulated Phospholanes. <i>Journal of Organic Chemistry</i> , 2015, 80, 9774-9780.	3.2	8

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19	Synthesis and antimicrobial activity of binaphthyl-based, functionalized oxazole and thiazole peptidomimetics. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10813-10824.	2.8	30
20	Ring-Opening and -Expansion of 2,2- ϵ^2 -Biaziridine: Access to Diverse Enantiopure Linear and Bicyclic Vicinal Diamines. <i>Organic Letters</i> , 2014, 16, 4344-4347.	4.6	21
21	Asymmetric Synthesis of Indole Homo-Michael Adducts via Dynamic Kinetic Friedel-Crafts Alkylation with Cyclopropanes. <i>Organic Letters</i> , 2013, 15, 2558-2561.	4.6	152
22	The attempted stereoselective synthesis of chiral 2,2- ϵ^2 -biindoline. <i>Tetrahedron</i> , 2010, 66, 6965-6976.	1.9	14
23	The first syntheses of enantiopure 2,2- ϵ^2 -biindoline. <i>Chemical Communications</i> , 2010, 46, 9226.	4.1	11
24	A new strategy for the stereoselective synthesis of 2,2- ϵ^2 -bipyrrolidines. <i>Tetrahedron Letters</i> , 2009, 50, 4899-4902.	1.4	6