

Sarah E Wengryniuk

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

568
citations

759233

12
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642732

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30
times ranked

575
citing authors

#	ARTICLE	IF	CITATIONS
1	Regioselective Bromination of Fused Heterocyclic <i>N</i> -Oxides. <i>Organic Letters</i> , 2013, 15, 792-795.	4.6	115
2	Access to Diverse Oxygen Heterocycles via Oxidative Rearrangement of Benzylic Tertiary Alcohols. <i>Organic Letters</i> , 2016, 18, 1896-1899.	4.6	59
3	Hypervalent Iodine Reagents in High Valent Transition Metal Chemistry. <i>Molecules</i> , 2017, 22, 780.	3.8	52
4	Regioselective Asymmetric α,α -Bisalkylation of Ketones via Complex-Induced <i>Syn</i> -Deprotonation of Chiral <i>N</i> -Amino Cyclic Carbamate Hydrazones. <i>Journal of the American Chemical Society</i> , 2011, 133, 8714-8720.	13.7	41
5	Direct α -Alkylation of Enones with $\text{Ar}(\text{O})_2\text{CR}_2$ Reagents. <i>Journal of the American Chemical Society</i> , 2020, 142, 64-69.	13.7	39
6	11-Step Total Synthesis of Pallambins C and D. <i>Journal of the American Chemical Society</i> , 2016, 138, 7536-7539.	13.7	36
7	Asymmetric Total Synthesis of Apratoxin D. <i>Organic Letters</i> , 2012, 14, 5192-5195.	4.6	31
8	Origins of Stereoselectivity in the α -Alkylation of Chiral Hydrazones. <i>Journal of Organic Chemistry</i> , 2010, 75, 8578-8584.	3.2	30
9	(Poly)cationic α,α,α -Iodane-Mediated Oxidative Ring Expansion of Secondary Alcohols. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1460-1464.	2.4	28
10	Chemoselective Oxidation of Equatorial Alcohols with <i>N</i> -Ligated α,α,α -Iodanes. <i>Organic Letters</i> , 2019, 21, 5889-5893.	4.6	22
11	Dearomatization of Electron-Deficient Phenols to <i>ortho</i> -Quinones: Bidentate Nitrogen-Ligated Iodine(V) Reagents. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16181-16187.	13.8	21
12	Selective reduction of α,α -epoxyketones to α -hydroxyketones using silyllithium reagents. <i>Tetrahedron Letters</i> , 2007, 48, 6751-6753.	1.4	18
13	Heterocyclic group transfer reactions with <i>N</i> -HVI reagents: access to <i>N</i> -alkyl(heteroaryl)onium salts via olefin aminolactonization. <i>Chemical Science</i> , 2021, 12, 6385-6392.	7.4	11
14	Recent Advances in the Selective Oxidative Dearomatization of Phenols to <i>o</i> -Quinones and <i>o</i> -Quinols with Hypervalent Iodine Reagents. <i>Synlett</i> , 2021, 32, 752-762.	1.8	10
15	A formal asymmetric synthesis of apratoxin D via advanced-stage asymmetric ACC α,α -bisalkylation of a chiral nonracemic ketone. <i>Tetrahedron Letters</i> , 2015, 56, 2927-2929.	1.4	8
16	A simple and efficient approach to the <i>N</i> -amination of oxazolidinones using monochloroamine. <i>Tetrahedron Letters</i> , 2016, 57, 4799-4802.	1.4	8
17	Bidentate Nitrogen-Ligated I(V) Reagents, Bi(<i>N</i>)-HVIs: Preparation, Stability, Structure, and Reactivity. <i>Journal of Organic Chemistry</i> , 2021, 86, 6566-6576.	3.2	8
18	Formation, Alkylation, and Hydrolysis of Chiral Nonracemic <i>N</i> -Amino Cyclic Carbamate Hydrazones: An Approach to the Enantioselective α -Alkylation of Ketones. <i>Journal of Organic Chemistry</i> , 2018, 83, 12951-12964.	3.2	7

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19	Oxidation of Electron-Deficient Phenols Mediated by Hypervalent Iodine(V) Reagents: Fundamental Mechanistic Features Revealed by a Density Functional Theory-Based Investigation. <i>Journal of Organic Chemistry</i> , 2021, 86, 12237-12246.	3.2	6
20	On the regioselectivity and diastereoselectivity of ACC hydrazone alkylation. <i>Tetrahedron</i> , 2017, 73, 432-436.	1.9	4
21	Dearomatization of Electron-Deficient Phenols to ortho -Quinones: Bidentate Nitrogen-Ligated Iodine(V) Reagents. <i>Angewandte Chemie</i> , 2019, 131, 16327-16333.	2.0	4
22	Umpolung Strategy for Arene C-H Etherification Leading to Functionalized Chromanes Enabled by I(III) N-Ligated Hypervalent Iodine Reagents. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4867-4875.	4.3	4
23	More Than Just Acetates: PhI(OAc) ₂ Enables C-H Halogenation of Arenes. <i>CheM</i> , 2019, 5, 258-260.	11.7	3
24	Reactivity of (NNN)-pincer nickel(II) aryl complex towards oxidative carbon-heteroatom bond formation. <i>Tetrahedron</i> , 2018, 74, 3278-3282.	1.9	2