

Sarah E Wengryniuk

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

411
citations

11
h-index

20
g-index

30
ext. papers

488
ext. citations

6.6
avg, IF

3.97
L-index

#	Paper	IF	Citations
25	Bidentate Nitrogen-Ligated I(V) Reagents, Bi(I)-HVI: Preparation, Stability, Structure, and Reactivity. <i>Journal of Organic Chemistry</i> , 2021 , 86, 6566-6576	4.2	2
24	Heterocyclic group transfer reactions with I(III)-HVI reagents: access to α -alkyl(heteroaryl)onium salts olefin aminolactonization. <i>Chemical Science</i> , 2021 , 12, 6385-6392	9.4	4
23	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	4.2	1
22	Recent Advances in the Selective Oxidative Dearomatization of Phenols to α -Quinones and α -Quinols with Hypervalent Iodine Reagents. <i>Synlett</i> , 2021 , 32, 752-762	2.2	2
21	Direct C-H α -Arylation of Enones with ArI(OCR) Reagents. <i>Journal of the American Chemical Society</i> , 2020 , 142, 64-69	16.4	24
20	More Than Just Acetates: PhI(OAc) ₂ Enables C-H Halogenation of Arenes. <i>Chem</i> , 2019 , 5, 258-260	16.2	2
19	Dearomatization of Electron-Deficient Phenols to ortho-Quinones: Bidentate Nitrogen-Ligated Iodine(V) Reagents. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16181-16187	16.4	8
18	Chemoselective Oxidation of Equatorial Alcohols with N-Ligated Iodanes. <i>Organic Letters</i> , 2019 , 21, 5889-5893	6.2	16
17	Dearomatization of Electron-Deficient Phenols to ortho-Quinones: Bidentate Nitrogen-Ligated Iodine(V) Reagents. <i>Angewandte Chemie</i> , 2019 , 131, 16327-16333	3.6	2
16	Reactivity of (NNN)-pincer nickel(II) aryl complex towards oxidative carbon-heteroatom bond formation. <i>Tetrahedron</i> , 2018 , 74, 3278-3282	2.4	2
15	(Poly)cationic Iodane Mediated Oxidative Ring Expansion of Secondary Alcohols. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 1460-1464	3.2	24
14	Rearrangements and Fragmentations Mediated by Hypervalent Iodine Reagents 2018 , 1-41		
13	Formation, Alkylation, and Hydrolysis of Chiral Nonracemic N-Amino Cyclic Carbamate Hydrazones: An Approach to the Enantioselective α -Alkylation of Ketones. <i>Journal of Organic Chemistry</i> , 2018 , 83, 12951-12964	4.2	2
12	On the regioselectivity and diastereoselectivity of ACC hydrazone alkylation. <i>Tetrahedron</i> , 2017 , 73, 432-436	4.6	4
11	Hypervalent Iodine Reagents in High Valent Transition Metal Chemistry. <i>Molecules</i> , 2017 , 22,	4.8	36
10	11-Step Total Synthesis of Pallambins C and D. <i>Journal of the American Chemical Society</i> , 2016 , 138, 7536-7546	16.4	26
9	Access to Diverse Oxygen Heterocycles via Oxidative Rearrangement of Benzylic Tertiary Alcohols. <i>Organic Letters</i> , 2016 , 18, 1896-9	6.2	39

8	A simple and efficient approach to the N-amination of oxazolidinones using monochloroamine. <i>Tetrahedron Letters</i> , 2016 , 57, 4799-4802	2	6
7	A formal asymmetric synthesis of apratoxin D via advanced-stage asymmetric ACC α -alkylation of a chiral nonracemic ketone. <i>Tetrahedron Letters</i> , 2015 , 56, 2927-2929	2	8
6	Regioselective bromination of fused heterocyclic N-oxides. <i>Organic Letters</i> , 2013 , 15, 792-5	6.2	96
5	Asymmetric total synthesis of apratoxin D. <i>Organic Letters</i> , 2012 , 14, 5192-5	6.2	31
4	Regioselective asymmetric α -alkylation of ketones via complex-induced syn-deprotonation of chiral N-amino cyclic carbamate hydrazones. <i>Journal of the American Chemical Society</i> , 2011 , 133, 8714-20	16.4	32
3	Origins of stereoselectivity in the α -alkylation of chiral hydrazones. <i>Journal of Organic Chemistry</i> , 2010 , 75, 8578-84	4.2	28
2	Selective reduction of α -epoxyketones to α -hydroxyketones using silyllithium reagents. <i>Tetrahedron Letters</i> , 2007 , 48, 6751-6753	2	14
1	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> ,	5.6	2