

# 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  
h-index

642732

23  
g-index

30  
all docs

30  
docs citations

30  
times ranked

575  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Heterocyclic group transfer reactions with I(III)-HV reagents: access to <i>N</i> -alkyl(heteroaryl)onium salts via olefin aminolactonization. <i>Chemical Science</i> , 2021, 12, 6385-6392.  | 7.4  | 11        |
| 2  | Bidentate Nitrogen-Ligated I(V) Reagents, Bi( <i>N</i> )-HVs: Preparation, Stability, Structure, and Reactivity. <i>Journal of Organic Chemistry</i> , 2021, 86, 6566-6576.  | 3.2  | 8         |
| 3  | 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         |
| 4  | Umpolung Strategy for Arene C-H Etherification Leading to Functionalized Chromanes Enabled by I(III)-Ligated Hypervalent Iodine Reagents. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4867-4875.                                      | 4.3  | 4         |
| 5  | 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        |
| 6  | Direct C-H Arylation of Enones with ArI(O <sub>2</sub> CR) <sub>2</sub> Reagents. <i>Journal of the American Chemical Society</i> , 2020, 142, 64-69.  | 13.7 | 39        |
| 7  | 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        |
| 8  | Chemoselective Oxidation of Equatorial Alcohols with N-Ligated I <sup>3+</sup> -Iodanes. <i>Organic Letters</i> , 2019, 21, 5889-5893.   | 4.6  | 22        |
| 9  | More Than Just Acetates: PhI(OAc) <sub>2</sub> Enables C-H Halogenation of Arenes. <i>Chem</i> , 2019, 5, 258-260.   | 11.7 | 3         |
| 10 | Dearomatization of Electron-Deficient Phenols to <i>ortho</i> -Quinones: Bidentate Nitrogen-Ligated Iodine(V) Reagents. <i>Angewandte Chemie</i> , 2019, 131, 16327-16333.   | 2.0  | 4         |
| 11 | Reactivity of (NNN)-pincer nickel(II) aryl complex towards oxidative carbon-heteroatom bond formation. <i>Tetrahedron</i> , 2018, 74, 3278-3282.   | 1.9  | 2         |
| 12 | (Poly)cationic I <sup>3+</sup> -Iodane-Mediated Oxidative Ring Expansion of Secondary Alcohols. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1460-1464.  | 2.4  | 28        |
| 13 | Formation, Alkylation, and Hydrolysis of Chiral Nonracemic <i>N</i> -Amino Cyclic Carbamate Hydrazones: An Approach to the Enantioselective C-Alkylation of Ketones. <i>Journal of Organic Chemistry</i> , 2018, 83, 12951-12964.              | 3.2  | 7         |
| 14 | On the regioselectivity and diastereoselectivity of ACC hydrazone alkylation. <i>Tetrahedron</i> , 2017, 73, 432-436.  | 1.9  | 4         |
| 15 | Hypervalent Iodine Reagents in High Valent Transition Metal Chemistry. <i>Molecules</i> , 2017, 22, 780.   | 3.8  | 52        |
| 16 | Access to Diverse Oxygen Heterocycles via Oxidative Rearrangement of Benzylic Tertiary Alcohols. <i>Organic Letters</i> , 2016, 18, 1896-1899.   | 4.6  | 59        |
| 17 | A simple and efficient approach to the N-amination of oxazolidinones using monochloroamine. <i>Tetrahedron Letters</i> , 2016, 57, 4799-4802.  | 1.4  | 8         |
| 18 | 11-Step Total Synthesis of Pallambins C and D. <i>Journal of the American Chemical Society</i> , 2016, 138, 7536-7539.   | 13.7 | 36        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | A formal asymmetric synthesis of apratoxin D via advanced-stage asymmetric ACC $\hat{1}\pm, \hat{1}\pm$ -biskylation of a chiral nonracemic ketone. <i>Tetrahedron Letters</i> , 2015, 56, 2927-2929.   | 1.4  | 8         |
| 20 | Regioselective Bromination of Fused Heterocyclic <i>N</i> -Oxides. <i>Organic Letters</i> , 2013, 15, 792-795.  | 4.6  | 115       |
| 21 | Asymmetric Total Synthesis of Apratoxin D. <i>Organic Letters</i> , 2012, 14, 5192-5195.  | 4.6  | 31        |
| 22 | Regioselective Asymmetric $\hat{1}\pm, \hat{1}\pm$ -Biskylation 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        |
| 23 | Origins of Stereoselectivity in the $\hat{1}\pm$ -Alkylation of Chiral Hydrazones. <i>Journal of Organic Chemistry</i> , 2010, 75, 8578-8584.   | 3.2  | 30        |
| 24 | Selective reduction of $\hat{1}\pm, \hat{1}^2$ -epoxyketones to $\hat{1}^2$ -hydroxyketones using silyllithium reagents. <i>Tetrahedron Letters</i> , 2007, 48, 6751-6753.  | 1.4  | 18        |