

Yuto Unoh

List of Publications by Citations

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Version: 2024-04-26

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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.

18
papers

842
citations

15
h-index

29
g-index

30
ext. papers

947
ext. citations

5.9
avg, IF

4.24
L-index

#	Paper	IF	Citations
18	An approach to benzophosphole oxides through silver- or manganese-mediated dehydrogenative annulation involving C-C and C-P bond formation. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12975-9	16.4	168
17	Rhodium(III)-catalyzed oxidative coupling through C-H bond cleavage directed by phosphinoxy groups. <i>Organic Letters</i> , 2013 , 15, 3258-61	6.2	127
16	Rhodium(III)-Catalyzed Direct Coupling of Arylphosphine Derivatives with Heterobicyclic Alkenes: A Concise Route to Biarylphosphines and Dibenzophosphole Derivatives. <i>ACS Catalysis</i> , 2015 , 5, 6634-6639 ^{13.1}	13.1	80
15	Rhodium(III)-catalyzed regioselective C-H alkenylation of phenylphosphine sulfides. <i>Journal of Organic Chemistry</i> , 2014 , 79, 7649-55	4.2	56
14	Metal-Free Electrophilic Phosphination/Cyclization of Alkynes. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6106-6109	16.4	55
13	Rhodium(III)-catalyzed oxidative alkenylation of 1,3-dithiane-protected arenecarbaldehydes via regioselective C-H bond cleavage. <i>Organic Letters</i> , 2015 , 17, 704-7	6.2	49
12	Rhodium-catalyzed Direct Coupling of Benzothioamides with Alkenes and Alkynes through Directed C-H Bond Cleavage. <i>Chemistry Letters</i> , 2015 , 44, 1104-1106	1.7	49
11	An Approach to Benzophosphole Oxides through Silver- or Manganese-Mediated Dehydrogenative Annulation Involving C-C and C-P Bond Formation. <i>Angewandte Chemie</i> , 2013 , 125, 13213-13217	3.6	45
10	Synthesis of highly substituted isocoumarins by rhodium-catalyzed annulation of readily available benzoic acids. <i>Tetrahedron</i> , 2013 , 69, 4454-4458	2.4	39
9	Synthesis of Benzo[c]thiophenes by Rhodium(III)-Catalyzed Dehydrogenative Annulation. <i>Journal of Organic Chemistry</i> , 2016 , 81, 2474-81	4.2	33
8	Regioselective Synthesis of Benzo[b]phosphole Derivatives via Direct ortho-Alkenylation and Cyclization of Arylthiophosphinamides. <i>Organic Letters</i> , 2016 , 18, 5436-5439	6.2	32
7	Palladium-catalyzed decarboxylative arylation of benzoylacrylic acids toward the synthesis of chalcones. <i>Journal of Organic Chemistry</i> , 2013 , 78, 5096-102	4.2	28
6	1,2-Thiazines: One-Pot Syntheses Utilizing Mono and Diaza Analogs of Sulfones. <i>Chemistry - A European Journal</i> , 2016 , 22, 6783-6	4.8	24
5	Phosphenium-Cation-Mediated Formal Cycloaddition Approach to Benzophospholes. <i>Chemistry - A European Journal</i> , 2018 , 24, 13089-13092	4.8	16
4	Rhodium-catalyzed Intramolecular Dehydrogenative Aryl-Aryl Coupling Using Air as Terminal Oxidant. <i>Chemistry Letters</i> , 2014 , 43, 1782-1784	1.7	16
3	Rhodium(III)-catalyzed Intramolecular Ar-H/Ar-H Coupling Directed by Carboxylic Group to Produce Dibenzofuran Carboxylic Acids. <i>Chemistry Letters</i> , 2015 , 44, 1598-1600	1.7	12
2	Regioselective Syntheses of 1,2-Benzothiazine 1-Imines by Rhodium-Catalyzed Annulation Reactions of Sulfonylimines. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 2000-2003	5.6	11

- 1 Discovery of S-217622, a Non-Covalent Oral SARS-CoV-2 3CL Protease Inhibitor Clinical Candidate for Treating COVID-19