

Shota Asai

List of Publications by Year in descending order

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16
papers

557
citations

933447

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25
docs citations

25
times ranked

650
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetically guided radical-based synthesis of C(sp ³)-C(sp ³) linkages on DNA. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6404-E6410.	7.1	124
2	Expanding Reactivity in DNA-Encoded Library Synthesis via Reversible Binding of DNA to an Inert Quaternary Ammonium Support. Journal of the American Chemical Society, 2019, 141, 9998-10006.	13.7	119
3	Building C(sp ³)-rich complexity by combining cycloaddition and C-C cross-coupling reactions. Nature, 2018, 560, 350-354.	27.8	68
4	Palladium on Carbon-Catalyzed Aqueous Transformation of Primary Alcohols to Carboxylic Acids Based on Dehydrogenation under Mildly Reduced Pressure. Advanced Synthesis and Catalysis, 2015, 357, 1205-1210.	4.3	65
5	RASS-Enabled S/P-C and S-N Bond Formation for DEL Synthesis. Angewandte Chemie - International Edition, 2020, 59, 7377-7383.	13.8	44
6	FeCl ₃ -Catalyzed Self-Cleaving Deprotection of Methoxyphenylmethyl-Protected Alcohols. Organic Letters, 2015, 17, 434-437.	4.6	26
7	Biarylmethane and Fused Heterocyclic Arene Synthesis via In Situ Generated <i>o</i> - and/or <i>p</i> -Naphthoquinone Methides. Journal of Organic Chemistry, 2015, 80, 5556-5565.	3.2	25
8	Cyclic ether synthesis from diols using trimethyl phosphate. Chemical Communications, 2017, 53, 4787-4790.	4.1	16
9	Biaryl Synthesis by Ring-Opening Friedel-Crafts Arylation of 1,4-Epoxy-1,4-dihydronaphthalenes Catalyzed by Iron Trichloride. Chemistry - A European Journal, 2015, 21, 2222-2229.	3.3	15
10	Versatile Oxidation Methods for Organic and Inorganic Substrates Catalyzed by Platinum-Group Metals on Carbons. Chemical Record, 2016, 16, 261-272.	5.8	15
11	Selective N-Monoalkylation of Amide Derivatives with Trialkyl Phosphates. Synlett, 2018, 29, 322-325.	1.8	11
12	RASS-Enabled S/P-C and S-N Bond Formation for DEL Synthesis. Angewandte Chemie, 2020, 132, 7447-7453.	2.0	9
13	Palladium on Carbon-Catalyzed Chemoselective Oxygen Oxidation of Aromatic Acetals. Organic Letters, 2016, 18, 5604-5607.	4.6	8
14	Gold-Catalyzed Benzylic Azidation of Phthalans and Isochromans and Subsequent FeCl ₃ -Catalyzed Nucleophilic Substitutions. Chemical and Pharmaceutical Bulletin, 2015, 63, 757-761.	1.3	7
15	Phosphate-Mediated Enyne Synthesis from Allenols. ChemistrySelect, 2017, 2, 876-878.	1.5	3
16	Organic Solvent-Free Asymmetric 1,4-Addition in Liquid- or Solid-State using Conventional Stirring Catalyzed by a Chiral Rhodium Complex Developed as a Homogeneous Catalyst. ChemCatChem, 2020, 12, 6059-6066.	3.7	2