

Shota Asai

List of Publications by Year in descending order

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16
papers

557
citations

933447

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times ranked

650
citing authors

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