

Souvagya Biswas

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

244
citations

1478505

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h-index

1720034

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g-index

10
all docs

10
docs citations

10
times ranked

215
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Cobalt-Catalyzed Reduction of Terminal Alkenes and Alkynes Using (EtO) ₂ Si(Me)H as a Stoichiometric Reductant. <i>ACS Catalysis</i> , 2016, 6, 6318-6323.	11.2	58
2	Asymmetric Catalysis with Ethylene. Synthesis of Functionalized Chiral Enolates. <i>Journal of the American Chemical Society</i> , 2015, 137, 14268-14271.	13.7	48
3	A New Paradigm in Enantioselective Cobalt Catalysis: Cationic Cobalt(I) Catalysts for Heterodimerization, Cycloaddition, and Hydrofunctionalization Reactions of Olefins. <i>Accounts of Chemical Research</i> , 2021, 54, 4545-4564.	15.6	44
4	Chemoselective Reactions of (E)-1,3-Dienes: Cobalt-Mediated Isomerization to (Z)-1,3-Dienes and Reactions with Ethylene. <i>Journal of the American Chemical Society</i> , 2014, 136, 6215-6218.	13.7	34
5	Triarylphosphine Ligands with Hemilabile Alkoxy Groups: Ligands for Nickel(II)-Catalyzed Olefin Dimerization Reactions. Hydrovinylation of Vinylarenes, 1,3-Dienes, and Cycloisomerization of 1,6-Dienes. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2281-2292.	4.3	33
6	Broadly Applicable Stereoselective Syntheses of Serrulatane, Amphilectane Diterpenes, and Their Diastereoisomeric Congeners Using Asymmetric Hydrovinylation for Absolute Stereochemical Control. <i>Journal of the American Chemical Society</i> , 2018, 140, 9868-9881.	13.7	20
7	Catalytic Enantioselective Hydrovinylation of Trialkylsilyloxy and Acetoxy-1,3-Dienes: Cationic Co(I) Complexes for the Synthesis of Chiral Enolate Surrogates and Their Applications for Synthesis of Ketones and Cross-Coupling Reagents in High Enantiomeric Purity. <i>ACS Catalysis</i> , 2022, 12, 5094-5111.	11.2	7