

Saravanakumar Elangovan

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

4,609
citations

304743

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docs citations

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times ranked

3959
citing authors

#	ARTICLE	IF	CITATIONS
1	Cationic Cobalt θ Thiolate Complexes for the Dehydrogenative Coupling of Bu_3SnH . <i>Organometallics</i> , 2022, 41, 852-857.	2.3	1
2	Ruthenium and Iron θ Catalysed Decarboxylative N θ Alkylation of Cyclic β -Amino Acids with Alcohols: Sustainable Routes to Pyrrolidine and Piperidine Derivatives. <i>ChemSusChem</i> , 2019, 12, 3801-3807.	6.8	19
3	From Wood to Tetrahydro-2-benzazepines in Three Waste-Free Steps: Modular Synthesis of Biologically Active Lignin-Derived Scaffolds. <i>ACS Central Science</i> , 2019, 5, 1707-1716.	11.3	82
4	Primary Benzylamines by Efficient N-Alkylation of Benzyl Alcohols Using Commercial Ni Catalysts and Easy-to-Handle Ammonia Sources. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 11267-11274.	6.7	50
5	Bright Side of Lignin Depolymerization: Toward New Platform Chemicals. <i>Chemical Reviews</i> , 2018, 118, 614-678.	47.7	1,473
6	Efficient nickel-catalysed N-alkylation of amines with alcohols. <i>Catalysis Science and Technology</i> , 2018, 8, 5498-5505.	4.1	49
7	Improved and General Manganese θ Catalyzed N θ Methylation of Aromatic Amines Using Methanol. <i>Chemistry - A European Journal</i> , 2017, 23, 5410-5413.	3.3	183
8	A Stable Manganese Pincer Catalyst for the Selective Dehydrogenation of Methanol. <i>Angewandte Chemie</i> , 2017, 129, 574-577.	2.0	37
9	A Stable Manganese Pincer Catalyst for the Selective Dehydrogenation of Methanol. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 559-562.	13.8	158
10	Molecularly Defined Manganese Pincer Complexes for Selective Transfer Hydrogenation of Ketones. <i>ChemSusChem</i> , 2017, 10, 83-86.	6.8	153
11	Improved Second Generation Iron Pincer Complexes for Effective Ester Hydrogenation. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 820-825.	4.3	104
12	Half-Sandwich Manganese Complexes Bearing Cp Tethered N-Heterocyclic Carbene Ligands: Synthesis and Mechanistic Insights into the Catalytic Ketone Hydrosilylation. <i>Organometallics</i> , 2016, 35, 4090-4098.	2.3	62
13	Selective Catalytic Hydrogenations of Nitriles, Ketones, and Aldehydes by Well-Defined Manganese Pincer Complexes. <i>Journal of the American Chemical Society</i> , 2016, 138, 8809-8814.	13.7	485
14	Hydrogenation of Esters to Alcohols Catalyzed by Defined Manganese Pincer Complexes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15364-15368.	13.8	259
15	Hydrogenation of Esters to Alcohols Catalyzed by Defined Manganese Pincer Complexes. <i>Angewandte Chemie</i> , 2016, 128, 15590-15594.	2.0	88
16	Selective catalytic two-step process for ethylene glycol from carbon monoxide. <i>Nature Communications</i> , 2016, 7, 12075.	12.8	34
17	Manganese θ Catalyzed Hydrogen θ Autotransfer C θ C Bond Formation: β -Alkylation of Ketones with Primary Alcohols. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14967-14971.	13.8	270
18	Efficient and selective N-alkylation of amines with alcohols catalysed by manganese pincer complexes. <i>Nature Communications</i> , 2016, 7, 12641.	12.8	516

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19	Manganese-Catalyzed Hydrogen-Autotransfer C-C Bond Formation: α -Alkylation of Ketones with Primary Alcohols. <i>Angewandte Chemie</i> , 2016, 128, 15191-15195.	2.0	80
20	Selective catalytic hydrogenation of nitriles to primary amines using iron pincer complexes. <i>Catalysis Science and Technology</i> , 2016, 6, 4768-4772.	4.1	82
21	Iron-Catalyzed α -Alkylation of Ketones with Alcohols. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14483-14486.	13.8	230
22	Knölker-Type Iron Complexes Bearing an N-Heterocyclic Carbene Ligand: Synthesis, Characterization, and Catalytic Dehydration of Primary Amides. <i>Organometallics</i> , 2015, 34, 4521-4528.	2.3	56
23	Hydrosilylation of Aldehydes and Ketones Catalyzed by Half-Sandwich Manganese(I) N-Heterocyclic Carbene Complexes. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1093-1097.	4.3	82