

Sudakar Padmanaban

List of Publications by Year in descending order

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17
papers

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citations

1040056

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all docs

17
docs citations

17
times ranked

284
citing authors

#	ARTICLE	IF	CITATIONS
1	Reductive Carbonylation of Nitroarenes Using a Heterogenized Phen-Pd Catalyst. <i>Inorganic Chemistry</i> , 2022, 61, 1552-1561.	4.0	5
2	Nickel-Catalyzed NO Group Transfer Coupled with NO _x Conversion. <i>Journal of the American Chemical Society</i> , 2022, 144, 4585-4593.	13.7	6
3	NNN Pincer-Functionalized Porous Organic Polymer Supported Ru(III) as a Heterogeneous Catalyst for Levulinic Acid Hydrogenation to γ -Valerolactone. <i>ChemCatChem</i> , 2021, 13, 695-703.	3.7	15
4	Chemoselective hydrogenation of α,β -unsaturated carbonyl compounds using a recyclable Ru catalyst embedded on a bisphosphine based POP. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 94, 361-367.	5.8	7
5	Direct Heterogenization of the Ru-Macho Catalyst for the Chemoselective Hydrogenation of α,β -Unsaturated Carbonyl Compounds. <i>Inorganic Chemistry</i> , 2021, 60, 6881-6888.	4.0	18
6	Eco-friendly upconversion of limestone into value-added calcium formate. <i>Green Chemistry</i> , 2020, 22, 4995-5001.	9.0	1
7	An Efficient and Practical System for the Synthesis of <i>N,N</i> -Dimethylformamide by CO ₂ Hydrogenation using a Heterogeneous Ru Catalyst: From Batch to Continuous Flow. <i>ChemSusChem</i> , 2020, 13, 1735-1739.	6.8	16
8	Revisiting the Palladium-Catalyzed Carbonylation of Allyl Alcohol: Mechanistic Insight and Improved Catalytic Efficiency. <i>Organometallics</i> , 2020, 39, 1881-1886.	2.3	6
9	Surface Modification of a MOF-based Catalyst with Lewis Metal Salts for Improved Catalytic Activity in the Fixation of CO ₂ into Polymers. <i>Catalysts</i> , 2019, 9, 892.	3.5	19
10	Recyclable Covalent Triazine Framework-based Ru Catalyst for Transfer Hydrogenation of Carbonyl Compounds in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 8893-8899.	6.7	25
11	Acid-mediated surface etching of a nano-sized metal-organic framework for improved reactivity in the fixation of CO ₂ into polymers. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 71, 336-344.	5.8	23
12	A Zn-MOF-Catalyzed Terpolymerization of Propylene Oxide, CO ₂ , and β -butyrolactone. <i>Catalysts</i> , 2018, 8, 393.	3.5	12
13	Size-tunable Synthesis of Silver Nanobelts Using a Polyaniline Derived Polymer as a Template. <i>Scientific Reports</i> , 2017, 7, 44796.	3.3	6
14	Overexpression and Functional Stabilization of Recombinant Human Lysophosphatidic Acid Receptor 1 Using an Amphiphatic Polymer. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 63-69.	1.9	8
15	Copolymerization of Epichlorohydrin and CO ₂ Using Zinc Glutarate: An Additional Application of ZnGA in Polycarbonate Synthesis. <i>Macromolecular Rapid Communications</i> , 2016, 37, 788-793.	3.9	36
16	Recyclable and efficient heterogenized Rh and Ir catalysts for the transfer hydrogenation of carbonyl compounds in aqueous medium. <i>Green Chemistry</i> , 2016, 18, 6456-6461.	9.0	45
17	Chemoselectivity in Coupling of Azides with Thioacids in Solution-Phase and Solvent-Free Conditions. <i>Synthetic Communications</i> , 2013, 43, 668-680.	2.1	8