

Sandeep Kumar

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Supported Palladium Nanoparticle-Catalyzed Carboxylation of Aryl Halides, Alkenylsilanes, and Organoboronic Acids Employing Oxalic Acid as the C ₁ Source. <i>Organic Letters</i> , 2015, 17, 5352-5355.	4.6	65
2	Supported Palladium Nanoparticle Catalyzed α -Alkylation of Ketones Using Alcohols as Alkylating Agents. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 9683-9691.	6.7	43
3	Solid-supported ruthenium(0): an efficient heterogeneous catalyst for hydration of nitriles to amides under microwave irradiation. <i>New Journal of Chemistry</i> , 2013, 37, 2987.	2.8	28
4	Solid supported palladium(0) nano/microparticle: a ligand-free efficient recyclable heterogeneous catalyst for mono- and α,β -double-Heck reaction. <i>Tetrahedron Letters</i> , 2012, 53, 7044-7051.	1.4	25
5	Supported palladium nanoparticles-catalyzed decarboxylative coupling approaches to aryl alkynes, indoles and pyrrolines synthesis. <i>RSC Advances</i> , 2016, 6, 71117-71121.	3.6	25
6	Supported Gold Nanoparticles-Catalyzed Microwave-Assisted Hydration of Nitriles to Amides under Base-Free Conditions. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2889-2894.	4.3	23
7	Microwave assisted solvent and catalyst free method for novel classes of α -enaminoester and acridinedione synthesis. <i>RSC Advances</i> , 2013, 3, 10335.	3.6	21
8	Iron-Catalyzed Regioselective Remote C(sp ²)-H Carboxylation of Naphthyl and Quinoline Amides. <i>Journal of Organic Chemistry</i> , 2019, 84, 10481-10489.	3.2	19
9	Iodine(III)-Promoted Ring Contractive Cyanation of Exocyclic α -Enaminones for the Synthesis of Cyanocyclopentanones. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2209-2214.	4.3	18
10	Polystyrene resin supported palladium(0) (Pd@PR) nanocomposite mediated regioselective synthesis of 4-aryl-1-alkyl/(2-haloalkyl)-1H-1,2,3-triazoles and their N-vinyl triazole derivatives from terminal alkynes. <i>RSC Advances</i> , 2015, 5, 11506-11514.	3.6	13
11	Recent advances in the application of tetrabromomethane in organic synthesis. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4288-4314.	4.5	13
12	Supported palladium nanoparticle-catalysed Suzuki-Miyaura cross-coupling approach for synthesis of aminoarylbenzosuberene analogues from natural precursor. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3749.	3.5	12
13	Polystyrene supported palladium nanoparticles catalyzed cinnamic acid synthesis using maleic anhydride as a substitute for acrylic acid. <i>Catalysis Science and Technology</i> , 2017, 7, 3692-3697.	4.1	12
14	Supported palladium nanoparticles as switchable catalyst for aldehyde conjugate/s and acetate ester syntheses from alcohols. <i>New Journal of Chemistry</i> , 2017, 41, 3242-3245.	2.8	10
15	Free Amine, Hydroxyl and Sulfhydryl Directed C-H Functionalization and Annulation: Application to Heterocycle Synthesis. <i>Chemical Record</i> , 2022, 22, .	5.8	8
16	Application of Cyclohexane-1,3-diones in the Synthesis of Six-Membered Nitrogen-Containing Heterocycles. <i>ChemistrySelect</i> , 2022, 7, .	1.5	2