Vishal Kandathil

List of Publications by Year
in descending order

18	544	687363 13	839539 18
papers	citations	h-index	g-index

18	18	18	473
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A convenient, efficient and reusable N-heterocyclic carbene-palladium(<scp>ii</scp>) based catalyst supported on magnetite for Suzukiâ€“Miyaura and Mizorokiâ€“Heck cross-coupling reactions. New Journal of Chemistry, 2017, 41, 9531-9545.	2.8	63
2	Green Synthesis of Palladium Nanoparticles: Applications in Aryl Halide Cyanation and Hiyama Cross-Coupling Reaction Under Ligand Free Conditions. Catalysis Letters, 2018, 148, 1562-1578.	2.6	62
3	A new magnetically recyclable heterogeneous palladium(II) as a green catalyst for Suzuki-Miyaura cross-coupling and reduction of nitroarenes in aqueous medium at room temperature. Inorganica Chimica Acta, 2018, 478, 195-210.	2.4	48
4	Magnetic nanoparticleâ€tethered Schiff baseâ€“palladium(II): Highly active and reusable heterogeneous catalyst for Suzukiâ€“Miyaura crossâ€coupling and reduction of nitroarenes in aqueous medium at room temperature. Applied Organometallic Chemistry, 2018, 32, e4266.	3.5	44
5	From agriculture residue to catalyst support; A green and sustainable cellulose-based dip catalyst for C C coupling and direct arylation. Carbohydrate Polymers, 2019, 223, 115060.	10.2	41
6	A green and sustainable cellulosic-carbon-shielded Pdâ€“MNP hybrid material for catalysis and energy storage applications. Journal of Nanostructure in Chemistry, 2021, 11, 395-407.	9.1	38
7	Immobilized N-Heterocyclic Carbene-Palladium(II) Complex on Graphene Oxide as Efficient and Recyclable Catalyst for Suzukiâ€“Miyaura Cross-Coupling and Reduction of Nitroarenes. Catalysis Letters, 2020, 150, 384-403.	2.6	37
8	Immobilizing biogenically synthesized palladium nanoparticles on cellulose support as a green and sustainable dip catalyst for cross-coupling reaction. Cellulose, 2020, 27, 3335-3357.	4.9	37
9	Controlled Synthesis of Palladium Nanocubes as an Efficient Nanocatalyst for Suzukiâ€“Miyaura Cross-Coupling and Reduction of p-Nitrophenol. Langmuir, 2020, 36, 5208-5218.	3.5	37
10	Magnetite tethered mesoionic carbeneâ€palladium (II): An efficient and reusable nanomagnetic catalyst for Suzukiâ€Miyaura and Mizorokiâ€Heck crossâ€coupling reactions in aqueous medium. Applied Organometallic Chemistry, 2019, 33, e4846.	3.5	29
11	Efficient and recyclable palladium enriched magnetic nanocatalyst for reduction of toxic environmental pollutants. Journal of Environmental Sciences, 2021, 101, 189-204.	6.1	27
12	Waste biomass-derived carbon-supported palladium-based catalyst for cross-coupling reactions and energy storage applications. Applied Surface Science, 2021, 570, 151156.	6.1	19
13	NHCâ€Pd complex heterogenized on graphene oxide for crossâ€coupling reactions and supercapacitor applications. Applied Organometallic Chemistry, 2020, 34, e5924.	3.5	16
14	Graphitic carbon nitride supported palladium nanocatalyst as an efficient and sustainable catalyst for treating environmental contaminants and hydrogen evolution reaction. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 647, 129116.	4.7	13
15	DNA as a bioligand supported on magnetite for grafting palladium nanoparticles for crossâ€coupling reaction. Applied Organometallic Chemistry, 2020, 34, e5357.	3.5	12
16	Hexagonal Boron Nitride Supported N-Heterocyclic Carbene-Palladium(II): A New, Efficient and Recyclable Heterogeneous Catalyst for Suzukiâ€“Miyaura Cross-Coupling Reaction. Catalysis Letters, 2021, 151, 1293-1308.	2.6	12
17	Palladium-catalyzed denitrogenative cross-coupling of aryl halides with arylhydrazines under mild reaction conditions. Transition Metal Chemistry, 2021, 46, 273-281.	1.4	6
18	Pd/Fe3O4 supported on bio-waste derived cellulosic-carbon as a nanocatalyst for C-C coupling and electrocatalytic application. Frontiers of Chemical Science and Engineering, 2022, 16, 1514-1525.	4.4	3