Janagam Lakshmidevi

List of Publications by Year
in descending order

18	271	933447 10	940533 16
papers	citations	h-index	g-index

18	18	18	140
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	WEPA: a bio-derived medium for added base, Ï€-acid and ligand free Ullmann coupling of aryl halides using Pd(OAc)₂. Chemical Communications, 2018, 54, 12333-12336.	4.1	52
2	C(sp²)â^'C(sp²) Coupling in Water: Palladium(II) Complexes of Nâ€Pincer Tetradentate Porphyrins as Effective Catalysts. Asian Journal of Organic Chemistry, 2017, 6, 751-757.	2.7	29
3	Palladiumâ€catalysed roomâ€temperature Suzukiâ€“Miyaura coupling in water extract of pomegranate ash, a bioâ€derived sustainable and renewable medium. Applied Organometallic Chemistry, 2019, 33, e5126.	3.5	23
4	Pd(5%)-KIT-6, Pd(5%)-SBA-15 and Pd(5%)-SBA-16 catalysts in water extract of pomegranate ash: A case study in heterogenization of Suzuki-Miyaura reaction under external base and ligand free conditions. Sustainable Chemistry and Pharmacy, 2021, 19, 100371.	3.3	22
5	Water extract of pomegranate ash as waste-originated biorenewable catalyst for the novel synthesis of chiral tertâ€butanesulfinyl aldimines in water. Molecular Catalysis, 2021, 511, 111719.	2.0	18
6	Water extract of pomegranate ashâ€“I₂as sustainable system for external oxidant/metal/catalyst-free oxidative iodination of (hetero)arenes. Green Chemistry Letters and Reviews, 2021, 14, 700-712.	4.7	18
7	Palladium(II)â€Porphyrin Complexes as Efficient and Ecoâ€Friendly Catalysts for Mizorokiâ€Heck Coupling. ChemistrySelect, 2017, 2, 7394-7398.	1.5	14
8	Pd-catalyzed oxidative homocoupling of arylboronic acids in WEPA: A sustainable access to symmetrical biaryls under added base and ligand-free ambient conditions. Molecular Catalysis, 2021, 501, 111366.	2.0	14
9	Added catalyst-free, versatile and environment beneficial bromination of (hetero)aromatics using NBS in WEPA. SN Applied Sciences, 2019, 1, 1.	2.9	13
10	Structure controlled Au@Pd NPs/rGO as robust heterogeneous catalyst for Suzuki coupling in biowasteâ€derived water extract of pomegranate ash. Applied Organometallic Chemistry, 2021, 35, e6188.	3.5	13
11	HClO₄â‹…SiO₂â€Catalyzed Mechanochemical Protocol: An Effective, Economical and Ecoâ€friendly Preparation of Nâ€(tertâ€butylsulfinyl)imines. ChemistrySelect, 2018, 3, 11236-11240.	1.5	9
12	Porphyrin N-Pincer Pd(II)-Complexes in Water: A Base-Free and Nature-Inspired Protocol for the Oxidative Self-Coupling of Potassium Aryltrifluoroborates in Open-Air. Molecules, 2021, 26, 5390.	3.8	8
13	Oxidative Iododeborylation Reaction of (Hetero)arylboronic Acids in Water Extract of Pomegranate Ash: A Novel and Sustainable Synthesis of Iodo(hetero)arenes. Waste and Biomass Valorization, 2022, 13, 2207-2216.	3.4	8
14	CuI in biorenewable basic medium: Three novel and low E-factor Suzuki-Miyaura cross-coupling reactions. Molecular Catalysis, 2022, 522, 112237.	2.0	8
15	First sonochemical, simple and solvent-free synthesis of chiral tert-butanesulfinimines using silica supported p-toluenesulfonic acid. Synthetic Communications, 2019, 49, 56-64.	2.1	7
16	A rapid-room temperature synthesis of Î±-cyanoacrylates, Î±-cyanoacrylonitriles and 4H-pyrans using water extract of pomegranate ash as catalytic media. Sustainable Chemistry and Pharmacy, 2022, 25, 100610.	3.3	5
17	Highly economic and waste valorization strategy for multicomponent and Knoevenagel reactions using water extract of tamarind seed ash. Environmental Science and Pollution Research, 2023, 30, 71420-71429.	5.3	5
18	A waste valorization strategy for the synthesis of phenols from (hetero)arylboronic acids using pomegranate peel ash extract. Green Chemistry Letters and Reviews, 2022, 15, 426-435.	4.7	5