

Janagam Lakshmidevi

List of Publications by Year in descending order

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papers

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