Nageswara Rao Desaboini

List of Publications by Year
in descending order

21	648	687363 13	752698 20
papers	citations	h-index	g-index

23	23	23	782
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Palladium/Silver Synergistic Catalysis in Direct Aerobic Carbonylation of C(sp²)â^'H Bonds Using DMF as a Carbon Source: Synthesis of Pyrido-Fused Quinazolinones and Phenanthridinones. Organic Letters, 2016, 18, 3142-3145.	4.6	89
2	Copper-Catalyzed Inter- and Intramolecular Câ€“N Bond Formation: Synthesis of Benzimidazole-Fused Heterocycles. Journal of Organic Chemistry, 2015, 80, 9321-9327.	3.2	74
3	Copper(<scp>ii</scp>)-catalyzed Chanâ€“Lam cross-coupling: chemoselective N-arylation of aminophenols. Organic and Biomolecular Chemistry, 2017, 15, 801-806.	2.8	52
4	Hypervalent iodine(<scp>iii</scp>) catalyzed oxidative Câ€“N bond formation in water: synthesis of benzimidazole-fused heterocycles. RSC Advances, 2014, 4, 25600-25604.	3.6	48
5	Sulphuric acid immobilized on silica gel (H₂SO₄â€“SiO₂) as an eco-friendly catalyst for transamidation. RSC Advances, 2015, 5, 10567-10574.	3.6	48
6	Copperâ€Catalyzed Cï£¿NH₂ Arylation of 2â€Aminobenzimidazoles and Related Câ€Aminoâ€NHâ€azoles. Advanced Synthesis and Catalysis, 2016, 358, 2126-2133.	4.3	43
7	Advances in Carbonâ€“Element Bond Construction under Chanâ€“Lam Cross-Coupling Conditions: A Second Decade. Synthesis, 2021, 53, 805-847.	2.3	43
8	Drug Design Strategies to Avoid Resistance in Direct-Acting Antivirals and Beyond. Chemical Reviews, 2021, 121, 3238-3270.	47.7	40
9	Nickel-catalyzed Chanâ€“Lam cross-coupling: chemoselective N-arylation of 2-aminobenzimidazoles. Organic and Biomolecular Chemistry, 2016, 14, 8989-8997.	2.8	39
10	Base and ligand free copper-catalyzed N-arylation of 2-amino-N-heterocycles with boronic acids in air. RSC Advances, 2013, 3, 11472.	3.6	37
11	Cobalt-Catalyzed Regioselective Ortho C(sp²)-H Bond Nitration of Aromatics through Proton-Coupled Electron Transfer Assistance. Journal of Organic Chemistry, 2017, 82, 7234-7244.	3.2	32
12	Câ€“N bond formation via Cu-catalyzed cross-coupling with boronic acids leading to methyl carbazole-3-carboxylate: synthesis of carbazole alkaloids. RSC Advances, 2014, 4, 4960.	3.6	26
13	Avoiding Drug Resistance by Substrate Envelope-Guided Design: Toward Potent and Robust HCV NS3/4A Protease Inhibitors. MBio, 2020, 11, .	4.1	15
14	Discovery of Quinoxaline-Based P1â€“P3 Macrocyclic NS3/4A Protease Inhibitors with Potent Activity against Drug-Resistant Hepatitis C Virus Variants. Journal of Medicinal Chemistry, 2021, 64, 11972-11989.	6.4	15
15	Cobalt(II)â€Catalyzed Câ^'N Bond Formation: Synthesis of Arylâ€Substituted Imidazo[1,2â€a]pyridines. Asian Journal of Organic Chemistry, 2016, 5, 1213-1218.	2.7	13
16	Silicon functionalization expands the repertoire of Si-rhodamine fluorescent probes. Chemical Science, 2022, 13, 6081-6088.	7.4	11
17	Structural Analysis of Potent Hybrid HIV-1 Protease Inhibitors Containing Bis-tetrahydrofuran in a Pseudosymmetric Dipeptide Isostere. Journal of Medicinal Chemistry, 2020, 63, 8296-8313.	6.4	6
18	Seralite SRC-120 resin catalyzed synthesis of bis(indolyl)methanes using indoles and low/high boiling point carbonyl compounds under solvent free conditions. Synthetic Communications, 2021, 51, 139-150.	2.1	6

#	Article	IF	Citations
19	Deciphering the Molecular Mechanism of HCV Protease Inhibitor Fluorination as a General Approach to Avoid Drug Resistance. Journal of Molecular Biology, 2022, 434, 167503.	4.2	6
20	Nickelâ€Catalyzed C(Aryl)â^'O Bond Activation/Crossâ€Coupling Reaction of Carbazoles with Methyl Grignard: Synthesis of Ellipticine. Asian Journal of Organic Chemistry, 2016, 5, 1499-1507.	2.7	5
21	Avoiding Drug Resistance by Substrate Envelope Guided Design: Toward Potent and Robust HCV NS3/4A Protease Inhibitors. FASEB Journal, 2020, 34, 1-1.	0.5	0