

Sandhya Saini

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Light assisted nickel(II) grafted-g-carbon nitride molecular hybrid promoted hydrocarboxylation of olefins with CO ₂ at atmospheric pressure condition. Journal of CO ₂ Utilization, 2022, 55, 101812.	6.8	2
2	CO ₂ as oxidant: an unusual light-assisted catalyst free oxidation of aldehydes to acids under mild conditions. Chemical Communications, 2022, 58, 2208-2211.	4.1	5
3	Photocatalytic C-H Carboxylation of 1,3-Dicarbonyl Compounds with Carbon Dioxide Promoted by Nickel(II)-Sensitized Fe ₂ O ₃ Nanoparticles. ACS Catalysis, 2022, 12, 4978-4989.	11.2	10
4	Photochemical fixation of carbon dioxide for N-formylation of amine using Cu(II) embedded BiVO ₄ nanocomposite under visible light. Journal of CO ₂ Utilization, 2021, 45, 101402.	6.8	21
5	An innovative light assisted production of acetic acid from CO ₂ and methanol: a first photocatalytic approach using a reusable cobalt(II) molecular hybrid at atmospheric pressure. Green Chemistry, 2021, 23, 9048-9060.	9.0	4
6	Visible light induced α-amino acid synthesis from carbon dioxide using nanostructured ZnO/CuO heterojunction photocatalyst. Materialia, 2020, 12, 100777.	2.7	12
7	Nickel mediated palladium free photocatalytic Suzuki-coupling reaction under visible light irradiation. Journal of Materials Chemistry A, 2020, 8, 5246-5254.	10.3	25
8	Nickel/Nickel Oxide in Combination with a Photoredox Catalyst for the Reductive Carboxylation of Unsaturated Hydrocarbons with CO ₂ under Visible-Light Irradiation. ACS Sustainable Chemistry and Engineering, 2019, 7, 11313-11322.	6.7	35