

Gaurav A Bhaduri

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

259
citations

1307594

7
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

340
citing authors

#	ARTICLE	IF	CITATIONS
1	Nickel nanoparticles catalyse reversible hydration of carbon dioxide for mineralization carbon capture and storage. <i>Catalysis Science and Technology</i> , 2013, 3, 1234.	4.1	81
2	Green synthesis of silver nanoparticles using sunlight. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 258, 1-9.	3.9	81
3	Catalytic Performance of Nickel Nanowires Immobilized in Silica Aerogels for the CO ₂ Hydration Reaction. <i>ACS Omega</i> , 2019, 4, 1824-1830.	3.5	19
4	Biomimetic Catalysis of CO ₂ Hydration: A Materials Perspective. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 4777-4793.	3.7	19
5	Studying Impact of Different Precipitating Agents on Crystal Structure, Morphology and Photocatalytic Activity of Bismuth Oxide. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2017, 12, 478.	1.1	19
6	Synthesis and characterisation of ambient pressure dried composites of silica aerogel matrix and embedded nickel nanoparticles. <i>Journal of Supercritical Fluids</i> , 2015, 106, 140-144.	3.2	17
7	Photochemical Enhancement in Catalytic Activity of Nickel Nanoparticles for Hydration of CO ₂ . <i>ChemistrySelect</i> , 2016, 1, 2091-2095.	1.5	9
8	Reply to the "Comment on "Nickel nanoparticles catalyse reversible hydration of carbon dioxide for mineralization carbon capture and storage" by D. Britt, <i>Catal. Sci. Technol.</i> , 2013, 3, DOI: 10.1039/C3CY00142C. <i>Catalysis Science and Technology</i> , 2013, 3, 2197.	4.1	7
9	Microstructural Characterization and Tribological Properties of Atmospheric Plasma Sprayed High Entropy Alloy Coatings. <i>Journal of Thermal Spray Technology</i> , 2022, 31, 1956-1974.	3.1	6
10	Comment on "Questioning the catalytic effect of Ni nanoparticles on CO ₂ hydration and the very need of such catalysis for CO ₂ mineralization from aqueous solutions by Ramsden et al. <i>Chem. Eng. Sci.</i> (2018) 175-162". <i>Chemical Engineering Science</i> , 2019, 195, 1029-1030.	3.8	1