

# 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	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
2	Biomimetic Catalysis of CO <sub>2</sub> Hydration: A Materials Perspective. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 4777-4793.	3.7	19
3	Catalytic Performance of Nickel Nanowires Immobilized in Silica Aerogels for the CO <sub>2</sub> Hydration Reaction. <i>ACS Omega</i> , 2019, 4, 1824-1830.	3.5	19
4	Comment on "Questioning the catalytic effect of Ni nanoparticles on CO <sub>2</sub> hydration and the very need of such catalysis for CO <sub>2</sub> 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
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	Photochemical Enhancement in Catalytic Activity of Nickel Nanoparticles for Hydration of CO <sub>2</sub> . <i>ChemistrySelect</i> , 2016, 1, 2091-2095.	1.5	9
7	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
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	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
10	Green synthesis of silver nanoparticles using sunlight. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 258, 1-9.	3.9	81