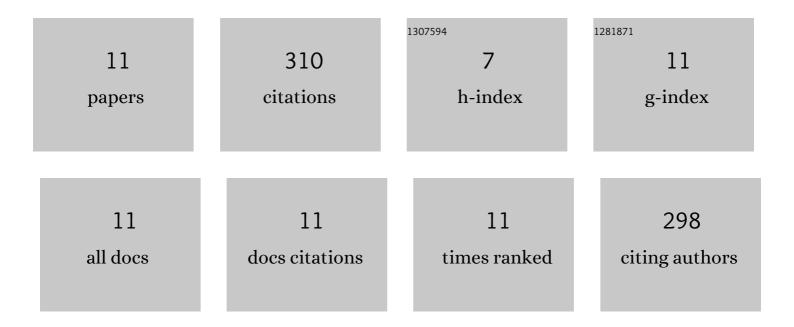
Malay Chakraborty

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	LaNiO3/g-C3N4 nanocomposite: An efficient Z-scheme photocatalyst for wastewater treatment using direct sunlight. Journal of Rare Earths, 2022, 40, 725-736.	4.8	24
2	Photo-electrocatalytic methanol oxidation on Pd decorated BiOI nanoparticles in alkali. Journal of Materials Science, 2022, 57, 2021-2038.	3.7	4
3	Phase-dependent electrocatalytic activities of Pt-anchored rutile, anatase and mixed anatase-rutile TiO2 nano-composites for methanol oxidation in alkali. Solid State Sciences, 2022, 129, 106903.	3.2	9
4	Visible light assisted photo-electrocatalytic oxidation of methanol using low Pt content NiO-rutile TiO2 ternary heterojunction. Applied Surface Science, 2021, 541, 148450.	6.1	9
5	A high-performance pseudocapacitive electrode based on CuO–MnO2 composite in redox-mediated electrolyte. Journal of Materials Science, 2021, 56, 3325-3335.	3.7	15
6	Anodic oxidation of sodium formate and methanol on Pd and Pt electrodes in alkali: a comparative study. IOP Conference Series: Materials Science and Engineering, 2021, 1080, 012013.	0.6	2
7	Synthesis of Different Ptâ€ZnO Binary Composites for Synergistic Photoâ€Electrocatalytic Oxidation of Methanol in Alkali. ChemistrySelect, 2021, 6, 6586-6596.	1.5	4
8	Synthesis of mesoporous BiOI flower and facile in-situ preparation of BiOI/BiOCI mixture for enhanced photocatalytic degradation of toxic dye, Rhodamine-B. Journal of Photochemistry and Photobiology, 2021, 8, 100077.	2.5	7
9	Synthesis of $\hat{I}\pm\cdot\hat{I}^2$ Bi2O3 heterojunction photocatalyst and evaluation of reaction mechanism for degradation of RhB dye under natural sunlight. Ceramics International, 2020, 46, 7667-7680.	4.8	63
10	Significantly improved and synergistic effect of Pt–ZnO–Bi2O3 ternary hetero-junctions toward anode-catalytic oxidation of methanol in alkali. Electrochimica Acta, 2019, 322, 134775.	5.2	16
11	Phase control synthesis of \hat{i} +, \hat{i}^2 and \hat{i} +/ \hat{i}^2 Bi2O3 hetero-junction with enhanced and synergistic photocatalytic activity on degradation of toxic dye, Rhodamine-B under natural sunlight. Journal of Hazardous Materials, 2018, 352, 182, 191	12.4	157