

Megha Basik

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

328
citations

1163117

8
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

297
citing authors

#	ARTICLE	IF	CITATIONS
1	Pineapple stem extract (Bromelain) as an environmental friendly novel corrosion inhibitor for low carbon steel in 1â€M HCl. Measurement: Journal of the International Measurement Confederation, 2019, 134, 595-605.	5.0	81
2	A novel organic-inorganic hybrid complex based on Cissus quadrangularis plant extract and zirconium acetate as a green inhibitor for mild steel in 1â€M HCl solution. Applied Surface Science, 2019, 469, 387-403.	6.1	60
3	Boswellia serrata gum as highly efficient and sustainable corrosion inhibitor for low carbon steel in 1â€M HCl solution: Experimental and DFT studies. Journal of Molecular Liquids, 2018, 263, 174-186.	4.9	53
4	Cysteine-silver-gold Nanocomposite as potential stable green corrosion inhibitor for mild steel under acidic condition. Scientific Reports, 2020, 10, 279.	3.3	45
5	Corrosion mitigation of mild steel in acidic medium using Lagerstroemia speciosa leaf extract: A combined experimental and theoretical approach. Journal of Molecular Liquids, 2019, 286, 110890.	4.9	35
6	Chondroitin sulfate as potent green corrosion inhibitor for mild steel in 1ÂM HCl. Journal of Molecular Structure, 2020, 1214, 128231.	3.6	23
7	Characterization and application of almond gum-silver nanocomposite as an environmentally benign corrosion inhibitor for mild steel in 1ÂM HCl. Materials Chemistry and Physics, 2022, 289, 126491.	4.0	15
8	Experimental and theoretical assessment of almond gum as an economically and environmentally viable corrosion inhibitor for mild steel in 1ÂM HCl. Sustainable Chemistry and Pharmacy, 2020, 18, 100337.	3.3	13
9	Environmentally sustainable corrosion inhibitors in the oil and gas industry. , 2022, , 405-421.		3
10	Corrosion Inhibitors for Crude Oil Refinery Units. ACS Symposium Series, 0, , 207-221.	0.5	0