

Raman Kumar

List of Publications by Year in descending order

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8
papers

332
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

281
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and theoretical studies of Ficus religiosa as green corrosion inhibitor for mild steel in 0.5 M H ₂ SO ₄ solution. Sustainable Chemistry and Pharmacy, 2018, 9, 95-105.	3.3	93
2	Electrochemical and surface characterization of a new eco-friendly corrosion inhibitor for mild steel in acidic media: A cumulative study. Journal of Molecular Liquids, 2017, 237, 413-427.	4.9	84
3	Investigation of phytochemical components and corrosion inhibition property of Ficus racemosa stem extract on mild steel in H ₂ SO ₄ medium. Journal of Environmental Chemical Engineering, 2016, 4, 4699-4707.	6.7	60
4	Electrochemical, morphological and theoretical insights of a new environmentally benign organic inhibitor for mild steel corrosion in acidic media. Journal of Molecular Liquids, 2017, 241, 9-19.	4.9	41
5	Experimental and theoretical investigations of a newly synthesized azomethine compound as inhibitor for mild steel corrosion in aggressive media: A comprehensive study. Journal of Molecular Liquids, 2018, 259, 199-208.	4.9	25
6	Deep eutectic solvent mediated nanostructured copper oxide as a positive electrode material for hybrid supercapacitor device. Journal of Molecular Liquids, 2021, 341, 117319.	4.9	14
7	Electrochemical, Morphological and Anti-corrosive Characteristics of Pyrazine Derivatives for Mild Steel Corrosion in Aggressive Medium: A Comparative Study. Journal of Failure Analysis and Prevention, 2018, 18, 1411-1428.	0.9	8
8	Comprehensive adsorption characteristics of a newly synthesized and sustainable anti-corrosion catalyst on mild steel surface exposed to a highly corrosive electrolytic solution. Journal of Molecular Liquids, 2018, 268, 37-48.	4.9	7