

# Sudhish Kumar Shukla

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

1,901  
citations

623734

14  
h-index

794594

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1061  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cefotaxime sodium: A new and efficient corrosion inhibitor for mild steel in hydrochloric acid solution. <i>Corrosion Science</i> , 2009, 51, 1007-1011.	6.6	196
2	Inhibitive Effect of <i>Argemone mexicana</i> Plant Extract on Acid Corrosion of Mild Steel. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 11954-11959.	3.7	188
3	Experimental and Quantum Chemical Studies of Some Bis(trifluoromethyl-sulfonyl) Imide Imidazolium-Based Ionic Liquids as Corrosion Inhibitors for Mild Steel in Hydrochloric Acid Solution. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 13282-13299.	3.7	188
4	A self-doped conducting polymer "polyanthranilic acid" An efficient corrosion inhibitor for mild steel in acidic solution. <i>Corrosion Science</i> , 2008, 50, 2867-2872.	6.6	156
5	Streptomycin: A commercially available drug as corrosion inhibitor for mild steel in hydrochloric acid solution. <i>Materials Letters</i> , 2009, 63, 819-822.	2.6	155
6	Inhibitive effect of ceftazidime on corrosion of mild steel in hydrochloric acid solution. <i>Materials Chemistry and Physics</i> , 2011, 129, 68-76.	4.0	138
7	N-(Piperidinomethyl)-3-[(pyridylidene)amino]isatin: A new and effective acid corrosion inhibitor for mild steel. <i>Materials Chemistry and Physics</i> , 2008, 112, 1035-1039.	4.0	133
8	Electrochemical and Quantum Chemical Investigation of Some Azine and Thiazine Dyes as Potential Corrosion Inhibitors for Mild Steel in Hydrochloric Acid Solution. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 12940-12958.	3.7	132
9	4-Substituted anilinomethylpropionate: New and efficient corrosion inhibitors for mild steel in hydrochloric acid solution. <i>Corrosion Science</i> , 2009, 51, 1990-1997.	6.6	119
10	The effects of pharmaceutically active compound doxycycline on the corrosion of mild steel in hydrochloric acid solution. <i>Corrosion Science</i> , 2010, 52, 314-321.	6.6	119
11	Cefalexin drug: A new and efficient corrosion inhibitor for mild steel in hydrochloric acid solution. <i>Materials Chemistry and Physics</i> , 2010, 120, 142-147.	4.0	112
12	Poly(aniline-formaldehyde): A new and effective corrosion inhibitor for mild steel in hydrochloric acid. <i>Materials Chemistry and Physics</i> , 2009, 113, 685-689.	4.0	99
13	Ceftriaxone: a novel corrosion inhibitor for mild steel in hydrochloric acid. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 1517-1523.	2.9	87
14	Recent advances in the applicability of drugs as corrosion inhibitor on metal surface: A review. <i>Current Research in Green and Sustainable Chemistry</i> , 2022, 5, 100227.	5.6	36
15	An Overview of the Polymeric Materials that can be Used to Prevent Metal Corrosion: A Review. <i>Journal of the Turkish Chemical Society, Section A: Chemistry</i> , 2021, 8, 863-872.	1.1	10
16	Interaction of water soluble polyacrylic acid with mild steel / hydrochloric acid interface. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 404, 012044.	0.6	9
17	Solvent-free microwave-assisted synthesis of 1 <i>H</i> -indole-2,3-dione derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2009, 46, 571-574.	2.6	8
18	Effect of some substituted aniline-formaldehyde polymers on mild steel corrosion in hydrochloric acid medium. <i>Journal of Applied Polymer Science</i> , 2012, 124, 5130-5137.	2.6	7

#	ARTICLE	IF	CITATIONS
19	Evaluation of Corrosion inhibition properties of pharmaceutically active compound Cefotaxime sodium on mild steel surface in sulfuric acid medium. Journal of the Turkish Chemical Society, Section A: Chemistry, 2021, 8, 1099-1110.	1.1	4
20	An experimental approach to find aniline-formaldehyde co-polymers as effective inhibitor on the interface of low carbon steel immersed in 0.5N HCl mixtures. Journal of the Indian Chemical Society, 2022, 99, 100356.	2.8	4
21	Chemical and electrochemical approach to find out the effect of soluble sulfonated polystyrene polymer inhibitor with 0.5 M HCl mixtures on the interface of low carbon steel surface. Gazi University Journal of Science, 0, , .	1.2	1