

Nkem B Iroha

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

60
citations

5
h-index

7
g-index

12
ext. papers

107
ext. citations

2.3
avg, IF

3.54
L-index

#	Paper	IF	Citations
11	Adsorption, electrochemical and theoretical studies on the protective effect of N-(5-bromo-2-hydroxybenzylidene) isonicotinohydrazide on carbon steel corrosion in aggressive acid environment. <i>Safety in Extreme Environments</i> , 2022 , 4, 35	0.8	0
10	Evaluation of the anticorrosion performance of Tamsulosin as corrosion inhibitor for pipeline steel in acidic environment: experimental and theoretical study. <i>Journal of Taibah University for Science</i> , 2022 , 16, 288-299	3	0
9	Adsorption and inhibition study of N-(5-methoxy-2-hydroxybenzylidene) isonicotinohydrazide Schiff base on copper corrosion in 3.5% NaCl. <i>Egyptian Journal of Petroleum</i> , 2022 , 31, 31-37	3.4	3
8	Experimental Studies on Two Isonicotinohydrazide-Based Schiff Bases as New and Efficient Inhibitors for Pipeline Steel Erosion Corrosion in Acidic Cleaning Solution. <i>Chemistry Africa</i> , 2021 , 4, 635-646	2.2	3
7	Newly synthesized N-(5-nitro-2-hydroxybenzylidene)pyridine-4-amine as a high-potential inhibitor for pipeline steel corrosion in hydrochloric acid medium. <i>Egyptian Journal of Petroleum</i> , 2021 , 30, 55-61	3.4	6
6	Insight into the Adsorption and Inhibitive Effect of Spironolactone Drug on C38 Carbon Steel Corrosion in Hydrochloric Acid Environment. <i>Journal of Bio- and Tribo-Corrosion</i> , 2021 , 7, 1	2.9	11
5	Experimental, adsorption, quantum chemical and molecular dynamics simulation studies on the corrosion inhibition performance of Vincamine on J55 steel in acidic medium. <i>Journal of Molecular Structure</i> , 2021 , 1227, 129533	3.4	10
4	Experimental and surface morphological study of corrosion inhibition of N80 carbon steel in HCl stimulated acidizing solution using gum exudate from Terminalia Mentaly. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	14
3	Effect of Triumfetta rhomboidea Leaves Extract on the Corrosion Resistance of Carbon Steel in Acidic Environment. <i>Chemical Science International Journal</i> , 2018 , 25, 1-9	2	7
2	Anticorrosion activity of two new pyridine derivatives in protecting X70 pipeline steel in oil well acidizing fluid: experimental and quantum chemical studies. <i>Journal of the Iranian Chemical Society</i> , 1	2	1
1	New green inhibitor of Olax subscorpioidea root for J55 carbon steel corrosion in 15% HCl: theoretical, electrochemical, and surface morphological investigation. <i>Emergent Materials</i> , 1	3.5	4