# Nkem B Iroha

## List of Publications by Citations



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