

# Lina M Shaker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10775346/publications.pdf>

Version: 2024-02-01

12  
papers

185  
citations

1163117

8  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

53  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum chemical elucidation on corrosion inhibition efficiency of Schiff base: DFT investigations supported by weight loss and SEM techniques. International Journal of Low-Carbon Technologies, 2020, 15, 202-209.	2.6	58
2	Synthesis, characterization and gravimetric studies of novel triazole-based compound. International Journal of Low-Carbon Technologies, 2020, 15, 164-170.	2.6	27
3	Insights into Corrosion Inhibition Behavior of a 5-Mercapto-1, 2, 4-triazole Derivative for Mild Steel in Hydrochloric Acid Solution: Experimental and DFT Studies. Lubricants, 2021, 9, 122.	2.9	21
4	Weight Loss, Thermodynamics, SEM, and Electrochemical Studies on N-2-Methylbenzylidene-4-antipyrineamine as an Inhibitor for Mild Steel Corrosion in Hydrochloric Acid. Lubricants, 2022, 10, 23.	2.9	18
5	A study of acidic corrosion behavior of Furan-Derived schiff base for mild steel in hydrochloric acid environment: Experimental, and surface investigation. Materials Today: Proceedings, 2021, 44, 2337-2341.	1.8	16
6	SELECTED BIS-THIADIAZOLE: SYNTHESIS AND CORROSION INHIBITION STUDIES ON MILD STEEL IN HCL ENVIRONMENT. Surface Review and Letters, 2020, 27, 2050014.	1.1	14
7	Exploration of furan derivative for application as corrosion inhibitor for mild steel in hydrochloric acid solution: Effect of immersion time and temperature on efficiency. Materials Today: Proceedings, 2021, 42, 2968-2973.	1.8	11
8	New environmental friendly corrosion inhibitor of mild steel in hydrochloric acid solution: Adsorption and thermal studies. Cogent Engineering, 2020, 7, 1826077.	2.2	8
9	Benzylidene as Efficient Corrosion Inhibition of Mild Steel in Acidic Solution. Proceedings (mdpi), 2019, 41, .	0.2	4
10	The inhibition of mild steel corrosion in 0.5 M H <sub>2</sub> SO <sub>4</sub> solution by N-phenethylhydrazinecarbothioamide (N-PHC). Journal of Physics: Conference Series, 2021, 1795, 012009.	0.4	4
11	Experimental studies on the inhibition performances of isatine Schiff base for the corrosion of mild steel in hydrochloric acid. Materials Today: Proceedings, 2022, 56, 2209-2212.	1.8	2
12	Corrosion inhibition effect and adsorption behaviour of nicotinic acid derivative on mild steel in HCl media. Materials Today: Proceedings, 2022, 56, 2204-2208.	1.8	2