

# Mahmoud M Shaban

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5814679/publications.pdf>

Version: 2024-02-01

9  
papers

220  
citations

1307594

7  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

141  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of some quaternary ammonium gemini surfactants and evaluation of their performance as corrosion inhibitors for carbon steel in oil well formation water containing sulfide ions. RSC Advances, 2015, 5, 104480-104492.	3.6	52
2	Corrosion control in the tubing steel of oil wells during matrix acidizing operations. RSC Advances, 2016, 6, 71384-71396.	3.6	38
3	Synthesis, Characterization, Surface and Biological Activity of Diquaternary Cationic Surfactants Containing Ester Linkage. Journal of Surfactants and Detergents, 2016, 19, 119-128.	2.1	36
4	Anti-corrosion, antiscalant and anti-microbial performance of some synthesized trimeric cationic imidazolium salts in oilfield applications. Journal of Molecular Liquids, 2022, 351, 118610.	4.9	35
5	Synthesis, Characterization, and Computational Chemical Study of Aliphatic Tricationic Surfactants as Corrosion Inhibitors for Metallic Equipment in Oil Fields. ACS Omega, 2020, 5, 26626-26639.	3.5	19
6	Novel cationic aryl bithiophene/terthiophene derivatives as corrosion inhibitors by chemical, electrochemical and surface investigations. Scientific Reports, 2022, 12, 3192.	3.3	16
7	Preparation and Characterization of Eco-Friendly Spent Coffee/ENR50 Biocomposite in Comparison to Carbon Black. Polymers, 2021, 13, 2796.	4.5	10
8	Construction, petro-collecting/dispersing capacities, antimicrobial activity, and molecular docking study of new cationic surfactant-sulfonamide conjugates. Journal of Molecular Liquids, 2021, 334, 116068.	4.9	7
9	High-Density Polyethylene Waste (HDPE)-Waste-Modified Lube Oil Nanocomposites as Pour Point Depressants. ACS Omega, 2021, 6, 31926-31934.	3.5	7