

A Mahsoune

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

259
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

214
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | HF and SiF ₄ adsorption on carbon graphite (1 1 1) surface in aqueous medium: A combined DFT and MD simulation approach. <i>Materials Today: Proceedings</i> , 2021, 37, 3987-3993. | 1.8 | 11 |
| 2 | Understanding the adsorption of newly Benzylidene-aniline derivatives as a corrosion inhibitor for carbon steel in hydrochloric acid solution: Experimental, DFT and molecular dynamic simulation studies. <i>Arabian Journal of Chemistry</i> , 2020, 13, 1499-1519. | 4.9 | 73 |
| 3 | Investigation and comparative study of the quantum molecular descriptors derived from the theoretical modeling and Monte Carlo simulation of two new macromolecular polyepoxide architectures TGEEBA and HGEMDA. <i>Journal of King Saud University - Science</i> , 2020, 32, 667-676. | 3.5 | 42 |
| 4 | Studies of Inhibition effect & Z TM Configurations of hydrazine Derivatives on Mild Steel Surface in phosphoric acid. <i>Journal of Materials Research and Technology</i> , 2019, 8, 6336-6353. | 5.8 | 27 |
| 5 | Piperine derivatives as green corrosion inhibitors on iron surface; DFT, Monte Carlo dynamics study and complexation modes. <i>Journal of Molecular Liquids</i> , 2018, 261, 62-75. | 4.9 | 80 |
| 6 | Toward a Theoretical Understanding of the Corrosion Inhibitive Performance on Iron Surface by Some Macrocyclic Polyether Compounds Containing 1, 3, 4-thiadiazole Entity. <i>International Journal of Electrochemical Science</i> , 2018, 13, 8396-8427. | 1.3 | 26 |