

Review Form 1.6

Journal Name:	Annual Research & Review in Biology
Manuscript Number:	Ms_ARRB_89323
Title of the Manuscript:	PARSLEY LEAVES (<i>Petroselinum Sativum</i>) AS CORROSION INHIBITORS OF STEEL DIN 2391 ST 374 IN ACID MEDIUM 5% H ₂ SO ₄
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalarrb.com/index.php/ARRB/editorial-policy>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	<ol style="list-style-type: none"> Some relevant references on the plant-extracted corrosion inhibitor can be added, including: <ol style="list-style-type: none"> Melamine modified carbon dots as high effective corrosion inhibitor for Q235 carbon steel in neutral 3.5 wt% NaCl solution." <i>Journal of Molecular Liquids</i> 349 (2022): 118108. "Kapok leaves extract and synergistic iodide as novel effective corrosion inhibitors for Q235 carbon steel in H₂SO₄ medium." <i>Industrial Crops and Products</i> 178 (2022): 114649. "Adsorption and anticorrosion mechanism of glucose-based functionalized carbon dots for copper in neutral solution." <i>Journal of the Taiwan Institute of Chemical Engineers</i> 129 (2021): 289-298. "Functionalized Nanocomposites as Corrosion Inhibitors." <i>Functionalized Nanomaterials for Corrosion Mitigation: Synthesis, Characterization, and Applications</i> (2022): 213-229. Anti-Corrosion Mechanism of Parsley Extract and Synergistic Iodide as Novel Corrosion Inhibitors for Carbon Steel-Q235 in Acidic Medium by Electrochemical, XPS and DFT Methods. <i>Frontiers in bioengineering and biotechnology</i>. 2021;9. Figure 3 is too vague for publication. In Table 4, relevant references should be added for the identification of peak position. In the discussion part, authors can compare the corrosion inhibition efficiency with the reported work to highlight the advantage of <i>Petroselinum Sativum</i> (parsley) corrosion inhibitor. Some spelling and grammar errors should be corrected before publication. i.e. in page 3: H₂SO₄, etc. 	
Minor REVISION comments		
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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