

# Review of: "Use of the experimental designs as an approach to optimize the inhibition efficiency of a Pyridazine derivative against corrosion of steel in an acidic medium"

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Potential competing interests: No potential competing interests to declare.

1. Manuscript seems to be very informative as the research is focused towards the problems faced by several buildings at present.
2. Why authors are restricting the usage of inhibitors in Hcl acid medium? Any specific reasons?
3. Reason for selecting Pyridazine derivative?
4. Results and discussion part seems to be interesting and new perspective approach to predict the corrosion inhibitor efficiency.
5. How the results obtained can be interpreted with the real time occurrence of corrosion of steel members.
6. Novelty of the work would be highlighted in the Introduction.
7. References shall be updated by including latest papers on related work.
8. References citation should be given in a single bracket. Ex: [1,2,3]
9. Add few points regarding the results obtained in the abstract portion.
10. Caption for few figures in the article is found to be missing.

I recommend for publication upon minor revisions as suggested.