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.

The current manuscript highlights the 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. The area of research is vast. The authors collaborated well, yet there are some suggestions to make it better.

Important Remarks

- Novelty of the work would be highlighted in the Introduction.
- Recent published papers could be cited.
- References shall be updated by including more papers on related work.
- Additional paragraph should be added to the introduction section to compare the current work to earlier publications.
- Highlight research papers on Pyridazine derivatives and same can be cited in Introduction section, as many research work on Pyridazine derivates as corrosion inhibitors have been reported in literature.
- Inhibition efficiency of Pyridazine derivatives on zinc corrosion based on I-E polarization curves could be stated in conclusion.
- Maximum inhibition efficiency achieved by Pyridazine derivatives should be highlighted in the abstract with numerical value.