Review of: "Design and Fabrication of a Low-Cost Multi-Purpose Underwater Remotely Operated Vehicle"

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Potential competing interests: No potential competing interests to declare.

"This paper highlights the work done to realize the incredible potential of remotely operated underwater vehicles (ROVs) in various fields, from ocean research to mine hunting, another application". The affordability and simplicity of handling these ROVs make them a game-changer for underwater exploration." However, the following are my concerns:

1. "The detailed explanations of the mechanical design, thruster characteristics, electrical systems, and software architecture provide valuable insights into the development process of such a vehicle and into the future as well." How many such factors have been taken into account?"
2. "The emphasis on real-time control and human interaction with the ROV sets it apart from autonomous underwater vehicles. This approach offers immediate feedback and adaptability, which can be crucial in certain applications if these factors have been taken into consideration. If yes, then highlight them with other state-of-the-art works.
3. "Addressing constraints such as weight, portability, power requirements, and cord length is essential for the practicality and effectiveness of the ROV. Is it that these factors have been taken into account?"