

Review of: "Slow diffusion around pulsar γ -ray halos and its impact on cosmic rays propagation"

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Potential competing interests: No potential competing interests to declare.

In this manuscript, the author has explored the impact of slow diffusion around pulsars on cosmic ray propagation. First, the importance of slow diffusion for the pulsar γ -ray halos is discussed, and then the pulsar scenario is studied to account for the positron spectrum. Further, the dark matter annihilation cross-section is also studied in the slow disk propagation model. The results of the manuscript are interesting. However, the author should provide a more detailed discussion of the theoretical approach adopted.