

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.

This manuscript presents a review of slow diffusion around pulsar gamma-ray halos. In addition to the already mentioned models, recently studies (Xu & Yan 2013 and Hu et al. 2022) found that MHD turbulence may also affect the diffusion of cosmic rays. The diffusion coefficients are highly related to the medium's magnetization or the significance of turbulence. It might be worth to include a discussion accordingly.