

Review Form 1.6

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| Journal Name: | International Astronomy and Astrophysics Research Journal |
| Manuscript Number: | Ms_IAARJ_79753 |
| Title of the Manuscript: | Cosmological Evolution Effects on the Galactic Size using Compact Steep Spectrum Sources |
| Type of the Article | Original Research Article |

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journaliaarj.com/index.php/IAARJ/editorial-policy>)

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PART 1: Review Comments

| | Reviewer's comment | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
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| Compulsory REVISION comments | | |
| <p>Minor REVISION comments I would like to suggest for the minor revision of this manuscript.</p> | <p>The paper is well written and discussed the result properly. The authors should follow the following papers. The authors should modify the introductory section accordingly with introducing those given works in the following papers.</p> <ol style="list-style-type: none"> 1. Kar, A. and Gupta, N., 2021. Ultra-high Energy Gamma-rays from Past Explosions in our Galaxy. arXiv preprint arXiv:2112.08757. 2. Malaver, M., Kasmaei, H.D., Iyer, R., Sadhukhan, S. and Kar, A., 2021. A theoretical model of Dark Energy Stars in Einstein-Gauss-Bonnet Gravity. arXiv preprint arXiv:2106.09520. 3. ar, A., Sadhukhan, S. and Debnath, U., 2021. Reconstruction of DBI-essence dark energy with $f(R)$ gravity and its effect on black hole and wormhole mass accretion. Modern Physics Letters A, Vol. 36, No. 38 (2021) 2150262 (17 pages) ; DOI: 10.1142/S021773232150262X 4. Sadhukhan, S., Kar, A. and Chattopadhyay, S., 2021. Thermodynamic analysis for Non-linear system (Van-der-Waals EOS) with viscous cosmology. The European Physical Journal C, 81(10), pp.1-21. arXiv:2110.13831 5. Kar, A., Sadhukhan, S. and Debnath, U., 2021. Condensed body mass accretion with DBI-essence dark energy and its reconstruction with $f(Q)$ gravity. arXiv preprint arXiv:2109.10906. 6. Kar, A., Sadhukhan, S. and Chattopadhyay, S., 2021. Thermodynamics and energy condition analysis for Van-Der-Waals EOS without viscous cosmology. Physica Scripta. https://doi.org/10.1088/1402-4896/ac2f00 7. Kar, A., Sadhukhan, S. and Chattopadhyay, S., 2021. Energy conditions for inhomogeneous EOS and its thermodynamics analysis with the resolution on finite time future singularity problems. International Journal of Geometric Methods in Modern Physics, p.2150131. 8. A. Kar, S. Sadhukhan, Quintessence model with bulk viscosity and some predictions on the coefficient of bulk viscosity and gravitational constant, recent advancement of mathematics in science and technology (2021) (ISBN: 978-81-950475-0-5) 9. A. Kar, S. Sadhukhan, Hamiltonian Formalism for Bianchi Type I Model for Perfect Fluid as Well as for the Fluid with Bulk and Shearing Viscosity. Basic and Applied Sciences into Next Frontiers (New Delhi Publishers, 2021) (ISBN: 978-81-948993-0-3) 10. Sadhukhan. S, Quintessence Model Calculations for Bulk Viscous Fluid and Low Value Predictions of the Coefficient of Bulk Viscosity, International Journal of Science and Research (IJSR) 9(3):1419-1420, DOI: 10.21275/SR20327132301 | |
| Optional/General comments | | |

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PART 2:

| | Reviewer's comment | Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
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| Are there ethical issues in this manuscript? | <i>(If yes. Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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