

Elena Amato's publications

Articles in international peer-reviewed journals

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3. Vecchiotti, V., Peron, G., **Amato, E.**, et al., *Interpreting the LHAASO Galactic diffuse emission data*, 2025, *Journal of Cosmology and Astroparticle Physics*, vol.2025, p.041
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4. **Amato, E.**, *LHAASO view of the Milky Way*, 2025, *Science China Physics, Mechanics, and Astronomy*, vol.68, p.279506
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8. Abe, K., Abe, S., Acero, F., Acharyya, A., et al., *Prospects for γ -ray observations of the Perseus galaxy cluster with the Cherenkov Telescope Array*, 2024, *Journal of Cosmology and Astroparticle Physics*, vol.2024, p.004
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 11. Abe, S., Abhir, J., Abhishek, A., Acero, F., et al., *Dark matter line searches with the Cherenkov Telescope Array*, 2024, Journal of Cosmology and Astroparticle Physics, vol.2024, p.047
<https://ui.adsabs.harvard.edu/abs/2024JCAP...07..047A>
 12. Menchiari, S., Morlino, G., **Amato, E.**, Bucciantini, N., & Beltrán, M. T., *Cygnus OB2 as a test case for particle acceleration in young massive star clusters*, 2024, Astronomy and Astrophysics, vol.686, p.A242
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 13. de Oña Wilhelmi, E., López-Coto, R., Aharonian, F., **Amato, E.**, Cao, Z., Gabici, S., & Hinton, J., *The hunt for PeVatrons as the origin of the most energetic photons observed in the Galaxy*, 2024, Nature Astronomy, vol.8, p.425
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 15. Acharyya, A., Adam, R., Aguasca-Cabot, A., Agudo, I., et al., *Sensitivity of the Cherenkov Telescope Array to TeV photon emission from the Large Magellanic Cloud*, 2023, Monthly Notices of the Royal Astronomical Society, vol.523, p.5353
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