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High and very-high energy gamma-ray observations of the Milky Way

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Observations of the gamma-ray emission from the Milky Way have significantly improved in recent years thanks to the current space instruments such as Fermi-LAT and AGILE, and to the ground-based telescopes such as H.E.S.S., VERITAS, Milagro at higher energies.

While high-quality data are providing crucial information on Galactic sources, interstellar emissions and high-energy particles, they are challenging our understanding.

I will discuss the state of the art, recent results, and prospects for future instruments.

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