Dr. Manuel Meyer | Publication List

38 publications in peer-reviewed journals with major contribution (17 as corresponding author). Additionally, co-author of more than 65 publications of the H.E.S.S. collaboration, 25 publications of the *Fermi*-LAT collaboration, 26 conference proceedings, and 5 white papers. According to NASA ADS, the publications have in total more than 10,000 citations with an h index of 47 (selected publications below have an h index of 22 with more than 2,600 citations). A publication list including all collaboration papers can be found on ORCID. Please note that, according to the policies of the scientific Collaborations of which I am a member, author lists of collaboration papers are in alphabetical order. Corresponding author publications are marked with ★. Publications led by students I have supervised are marked with 🎓. Papers with >100 citations are marked with 🚀.

Peer Reviewed Publications

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[37] ★ M. **Meyer** et al., *A first application of machine and deep learning for background rejection in the ALPS II TES detector*, *Annals of Physics*, 202200545 2023, arXiv: 2304.08406 [hep-ex]

[36] 🎓 J. Davies, M. **Meyer**, and G. Cotter, *Constraints on axionlike particles from a combined analysis of three flaring Fermi flat-spectrum radio quasars*, *Phys. Rev. D*, Vol. 107, No. 8, 083027, p. 083027, 2023, arXiv: 2211.03414 [astro-ph.HE]

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[34] ★ J. Biteau and M. **Meyer**, *Gamma-Ray Cosmology and Tests of Fundamental Physics*, *Galaxies*, Vol. 10, No. 2, p. 39, 2022, arXiv: 2202.00523 [astro-ph.CO].

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[28] H. Abdalla et al. (CTA Consortium including M. **Meyer**), *Sensitivity of the Cherenkov Telescope Array to a dark matter signal from the Galactic centre*, *JCAP*, Vol. 2021, No. 1, 057, p. 057, 2021, arXiv: 2007.16129 [astro-ph.HE].

[27] H. Abdalla et al. (H.E.S.S. & MAGIC Collaborations including M. **Meyer**), *Observation of a sudden cessation of a very-high-energy γ-ray flare in PKS 1510−089 with H.E.S.S. and MAGIC in May 2016*, *A&A*, Vol. 648, A23, A23, 2021, arXiv: 2012.10254 [astro-ph.HE].

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White Papers

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[3] P. S. Ray et al. (including M. **Meyer**), *STROBE-X: X-ray Timing and Spectroscopy on Dynamical Timescales from Microseconds to Years*, *ArXiv e-prints* 2019, arXiv: 1903.03035 [astro-ph.IM]

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[25] ★ M. de Bony de Lavergne et al. (H.E.S.S. Collaboration, including M. **Meyer**), *Detection of new Extreme BL Lac objects with H.E.S.S. and Swift XRT*, PoS, Vol. ICRC2021, p. 823, 2021, arXiv: 2108.02232 [astro-ph.HE]

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