

## H.E.S.S. group publications (July 2017- December 2019)

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- [3] H. E. S. S. Collaboration, H. Abdalla, F. Aharonian et al., “H.E.S.S. observations of the flaring gravitationally lensed galaxy PKS 1830-211”, *MNRAS* **486** (Jul, 2019) 3886–3891, arXiv:1904.05139. doi:10.1093/mnras/stz1031.
- [4] H. E. S. S. Collaboration, H. Abdalla, R. Adam et al., “Constraints on the emission region of 3C 279 during strong flares in 2014 and 2015 through VHE  $\gamma$ -ray observations with H.E.S.S.”, *A&A* **627** (Jul, 2019) A159, arXiv:1906.04996. doi:10.1051/0004-6361/201935704.
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- [6] H. E. S. S. Collaboration, H. Abdalla, F. Aharonian et al., “VizieR Online Data Catalog: HESS and Suzaku observations of Vela X (HESS Coll+, 2019)”, *VizieR Online Data Catalog* (Jun, 2019) J/A+A/627/A100.
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- [8] H. Abdalla, F. Aharonian, F. Ait Benkhali et al., “The 2014 TeV  $\gamma$ -Ray Flare of Mrk 501 Seen with H.E.S.S.: Temporal and Spectral Constraints on Lorentz Invariance Violation”, *Astrophysical Journal* **870** (Jan, 2019) 93, arXiv:1901.05209. doi:10.3847/1538-4357/aaf1c4.
- [9] M. Cerruti, A. Zech, C. Boisson et al., “Leptohadronic single-zone models for the electromagnetic and neutrino emission of TXS 0506+056”, *MNRAS* **483** (Feb, 2019) L12–L16, arXiv:1807.04335. doi:10.1093/mnrasl/sly210.
- [10] M. Zacharias, M. Böttcher, F. Jankowsky et al., “The Extended Flare in CTA 102 in 2016 and 2017 within a Hadronic Model through Cloud Ablation by the Relativistic Jet”, *Astrophysical Journal* **871** (Jan, 2019) 19, arXiv:1811.12299. doi:10.3847/1538-4357/aaf4f7.

- [11] J. Chevalier, D. A. Sanchez, P. D. Serpico et al., “Variability studies and modelling of the blazar PKS 2155-304 in the light of a decade of multi-wavelength observations”, *MNRAS* **484** (Mar, 2019) 749–759, [arXiv:1901.01743](#). doi:10.1093/mnras/stz027.
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- [16] H. E. S. S. Collaboration, H. Abdalla, A. Abramowski et al., “The  $\gamma$ -ray spectrum of the core of Centaurus A as observed with H.E.S.S. and Fermi-LAT”, *A&A* **619** (Nov, 2018) A71, [arXiv:1807.07375](#). doi:10.1051/0004-6361/201832640.
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