

LIST OF PUBLICATIONS

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Articles published in refereed scientific journals

1. HESS J1741-302: an unidentified very high energy gamma-ray source in the Galactic plane *A&A In Press* (2017)
2. H.E.S.S. Collaboration, H. Abdalla et al. TeV gamma-ray observations of the binary neutron star merger GW170817 with H.E.S.S. *APJL* **850** (2017) L22
3. LIGO Scientific Collaboration, Virgo Collaboration et al. Multi-messenger Observations of a Binary Neutron Star Merger. *APJL* **848** (2017) L12
4. I. Sushch, I. Oya, et al. Radio observations of the pulsar wind nebula HESS J1303-631 field of view with ATCA *A&A* **605** (2017) A115 (**Corresponding author**)
5. H.E.S.S. collaboration, H. Abdallah et al. Measurement of the EBL spectral energy distribution using the VHE gamma-ray spectra of H.E.S.S. blazars *A&A* **606** (2017) A59
6. H.E.S.S. collaboration, H. Abdallah et al. Characterising the VHE diffuse emission in the central 200 parsecs of our Galaxy with H.E.S.S. *A&A In Press* (2017)
7. MAGIC collaboration (M.L. Ahnen et al.), H.E.S.S. collaboration (H. Abdalla et al.) Constraints on particle acceleration in SS433/W50 from MAGIC and H.E.S.S. observations *A&A In Press* (2017)
8. E. Petroff, S. Burke-Spolaor et al. A polarized fast radio burst at low Galactic latitude. *MNRAS* **469** (2017) 3465
9. H.E.S.S. collaboration, H. Abdallah et al. Systematic search for very-high-energy gamma-ray emission from bow shocks of runaway stars *A&A In Press* (2017)
10. H.E.S.S. collaboration, H. Abdallah et al. Gamma-ray blazar spectra with H.E.S.S. II mono analysis: the case of PKS 2155-304 and PG 1553+113 *A&A* **600** (2017) A89
11. The CTA Consortium, F. Acero, R. Aloisio, et al. Prospects for CTA observations of the young SNR RX J1713.7-3946 *ApJ* **840** (2017) 74
12. J. C. Lau, G. Rowell, M. G. Burton, Y. Fukui, F.A. Aharonian, I. Oya, J. Vink, S. Ohm, S. Casanova. Discovery of the VHE gamma-ray source HESS J1832-093 in the vicinity of SNR G22.7-0.2 *MNRAS* **464** (2017) 3757
13. H.E.S.S. collaboration, H. Abdallah et al. Gamma-ray blazar spectra with H.E.S.S. II mono analysis: the case of PKS 2155-304 and PG 1553+113 *A&A In Press* (2017)
14. H.E.S.S. collaboration, H. Abdallah et al. H.E.S.S. observations of RX J1713.7-3946 with improved angular and spectral resolution; evidence for gamma-ray emission extending beyond the X-ray emitting shell *A&A In Press* (2017)

15. H.E.S.S. collaboration, H. Abdallah et al. The supernova remnant W49B as seen with H.E.S.S. and Fermi-LAT *A&A In Press* (2017)
16. H.E.S.S. collaboration, H. Abdallah et al. Extended VHE gamma-ray emission towards SGR1806-20, LBV1806-20, and stellar cluster Cl*1806-20 *A&A In Press* (2017)
17. H.E.S.S. collaboration, H. Abdallah et al. Deeper H.E.S.S. Observations of Vela Junior (RX J0852.0-4622): Morphology Studies and Resolved Spectroscopy *A&A In Press* (2017)
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23. H.E.S.S. collaboration, A. Abramowski et al. Detailed spectral and morphological analysis of the shell type SNR RCW 86 *A&A In Press* (2016)
24. H.E.S.S. collaboration, A. Abramowski et al. Discovery of variable VHE γ -ray emission from the binary system 1FGL J1018.6-5856 *A&A* **577-1** (2015) A131
25. H.E.S.S. collaboration, A. Abramowski et al. The 2012 flare of PG 1553+113 seen with H.E.S.S. and Fermi-lat *ApJ* **802** (2015) 65
26. H.E.S.S. collaboration, A. Abramowski et al. H.E.S.S. reveals a lack of TeV emission from the supernova remnant Puppis A. *A&A* **575** (2015) A81 (**Corresponding author**)
27. H.E.S.S. collaboration, A. Abramowski et al. Probing the gamma-ray emission from HESS J1834-087 using H.E.S.S. and Fermi LAT observations. *A&A* **574** (2015) A27
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35. H.E.S.S. collaboration, A. Abramowski et al. Discovery of the Hard Spectrum VHE gamma-Ray Source HESS J1641-463. *APJL* **794** (2014) L1 (**Corresponding author**)
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43. VERITAS Collaboration, E. Aliu et al, and H.E.S.S. collaboration, A. Abramowski et al. Long-term TeV and X-ray observations of the gamma-ray binary HESS J0632+057 *ApJ* **780** (2014) id. 168
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48. H.E.S.S. collaboration, A. Abramowski et al. Discovery of high and very high-energy emission from the BL Lac object SHBL J001355.9-185406 *A&A* **554** (2013) A72
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70. J. Aleksić et al. (MAGIC Coll.). Detection of the gamma-ray binary LS I +61 303 in a low flux state at Very High Energy gamma-rays with the MAGIC Telescopes in 2009. *ApJ* **746** (2012) A80
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Conference contributions

1. I. Sadeh, **I. Oya**, et al. The Graphical User Interface of the Operator of the Cherenkov Telescope Array. **Talk** Proc. of ICALEPCS 2017 Barcelona 2017
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