List of publications

Igor Oya Vallejo

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Articles published in refereed scientific journals


30. H.E.S.S. collaboration, A. Abramowski et al. Discovery of the VHE gamma-ray source HESS J1832-093 in the vicinity of SNR G22.7-0.2 MNRAS 446-2 (2015) 1163
33. H.E.S.S. collaboration, A. Abramowski et al. H.E.S.S. detection of TeV emission from the interaction region between the supernova remnant G349.7+0.2 and a molecular cloud A&A 574-1 (2014) A100
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)
37. H.E.S.S. collaboration, A. Abramowski et al. TeV γ-ray observations of the young synchrotron-dominated SNRs G1. 9+0.3 and G330. 2+1.0 with HESS, with H.E.S.S. MNRAS 441-1 (2014) 790
42. H.E.S.S. collaboration, A. Abramowski et al. Search for extended gamma-ray emission around AGN with H.E.S.S. and Fermi-LAT Submitted to A&A 562 (2014) A145
44. H.E.S.S. collaboration, A. Abramowski et al. Constraints on axionlike particles with H.E.S.S. from the irregularity of the PKS 2155-304 energy spectrum Phys. Rev. D 88 (2013) id. 102003
45. H.E.S.S. collaboration, A. Abramowski et al. Discovery of very high energy gamma-ray emission from the BL Lac object PKS 0301-243 with H.E.S.S A&A 559 (2013) id. A136
47. H.E.S.S. collaboration, A. Abramowski et al. H.E.S.S. discovery of VHE gamma-rays from the quasar PKS 1510-089 A&A 554 (2013) A107
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
49. H.E.S.S. collaboration, A. Abramowski et al. Discovery of TeV gamma-ray emission from PKS 0447-439 and derivation of an upper limit on its redshift A&A 552 (2013) A118
52. B.S. Acharya et al. (CTA Consortium). Introducing the CTA concept Astroparticle Physics 43 (2013) 2
53. H.E.S.S. collaboration, A. Abramowski et al. Measurement of the extragalactic background light imprint on the spectra of the brightest blazars observed with H.E.S.S A&A 550 (2013) A4
64. H.E.S.S. collaboration, A. Abramowski et al. Discovery of VHE gamma emission towards the Carina arm region with the H.E.S.S. telescope array: HESS J1018-589 A&A 541 (2012) A5
67. J. Aleksić et al. (MAGIC Coll.). Discovery of VHE gamma-ray emission from the BL Lac object B3 2247+381 with the MAGIC telescopes. A&A in press (2012)
71. A. Abramowski et al. (H.E.S.S. Coll.) Discovery of hard-spectrum gamma-ray emission from the BL Lac object 1ES 0414+009 A&A 538 (2012) A103
72. A. Abramowski et al. (H.E.S.S. Coll.) Discovery of extended VHE gamma-ray emission from the vicinity of the young massiv stellar cluster Westerlund 1 A&A 537, A114 (2012)

73. M. Actis et al. (CTA Consortium). Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy Experimental Astronomy 32 (2011) 193


75. A. Abramowski et al. (H.E.S.S. Coll.) Discovery of the source HESS J1356-645 associated with the young and energetic PSR J1357-6429 A&A 531 (2011) L18


77. J. Aleksić et al. (MAGIC Coll.). A search for very-high energy gamma-ray emission from Scorpius X-1 with the MAGIC telescopes ApJ 735 (2011) L5

78. A. Abramowski et al. (H.E.S.S. Coll.) Very-high-energy gamma-ray emission from the direction of the Galactic globular cluster Terzan 5. A&A 531 (2011) A103

79. J. Aleksić et al. (MAGIC Coll.). MAGIC observations and multiwavelength properties of the quasar 3C279 in 2007 and 2009 A&A 530 (2011) A4

80. J. Aleksić et al. (MAGIC Coll.). Searches for Dark Matter annihilation signatures in the Segue 1 satellite galaxy with the MAGIC-I telescope JCAP 06 (2011) 035


86. J. Aleksić et al. (MAGIC Coll.). MAGIC Upper Limits for two Milagro-detected, Bright Fermi Sources in the Region of SNR G65.1+0.6. ApJ 725 (2010) 1629


134. J. Albert et al. (MAGIC Coll.). Observation of very high energy gamma rays from the AGN 1ES 2344+514 in a low emission state with the MAGIC telescope. *ApJ* 662 (2007) 892


Conference contributions


22. D. Fernandez, I. Oya et al. Observation of two young supernova remnants (SNRs) with H.E.S.S. Contributed talk Proc. of the XXVII Texas Symposium, 2013


33. E. Birsin, et al. The CTA Medium Size Telescope Prototype, a Test Bench for the Array Control Software. Contributed Talk Deutschen Physikalischen Gesellschaft (DPG), Goettingen, Germany, February 2011


38. S. Rügamer, **I. Oya**, M. Hayashida, D. Mazin, R. Wagner, J. L. Contreras on behalf of the MAGIC collaboration. MWL observations of VHE blazars in 2006. **Contributed talk**, proceeding of the 31st International Cosmic Ray Conference, Lódź (Poland) 2009


40. S. Rügamer, **I. Oya**, R. Wagner, and J.L. Contreras. MAGIC observations of Mkn 421 during multi-frequency campaigns in 2006 (Talk). **Contributed talk**, German Physical Society Meeting DPG, Munich 2009


CTA internal documents


2. Igor Oya et al. Generic CTA Telescope Use Cases.

MAGIC internal documents


2. MAGIC-TDAS 09-02, 090721/IOya MAGIC Data Check Program I. Oya, R. De los Reyes, J.L. Contreras, N. Mankuzhiyil, D. Nieto, V. Scapin, July 2009

3. MAGIC-TDAS 06-11, 060831/RDelosReyes MAGIC data check and on-site analysis program R.delosReyes and I.Oya, 31 August 2006