

1. Abdel-Raouf, Mohamed A.: Consequences of Possible Existence of Overlapping Universe and Antiuniverse.
2. Araudo, Anabella: Gamma-ray emission from massive stars interacting with AGN jets
3. Araudo, Anabella: Gamma-rays from colliding wind binaries: the peculiar case of Cyg OB2 #5
4. Arka, Ioanna: Pulsed gamma rays by synchrotron radiation in pulsar winds
5. Backes, Michael: Long-term spectral and temporal behavior of the high-frequency peaked BL Lac object 1ES 1959+650
6. Baehr, Juergen: Status of the CTA medium size telescope prototype
7. Barkov, Maxim: Rapid TeV and GeV Variability in AGNs as Result of Jet-Star Interaction
8. Becerra-Gonzalez, Josefa: Population study of Blazars detected at Very High Energy gamma-ray
9. Becerra-Gonzalez, Josefa: Unprecedented gamma-ray flare from PG 1553+113 in Spring 2012
10. Becherini, Yvonne: Advanced analysis and event reconstruction for the CTA Observatory
11. Becherini, Yvonne: Discovery of the most distant BL Lac at very high energies with H.E.S.S.
12. Becherini, Yvonne: Performance of HESS-II in multi-telescope mode with a multi-variate analysis
13. Beilicke, Matthias: The Hard X-ray Polarimeter X-Calibur - Astrophysical Motivation and Performance
14. Beilicke, Matthias: VERITAS Observations of M87 in 2012
15. Belfiore, Andrea: A population study of young pulsars with Fermi-LAT
16. Benbow, Wystan: Highlights of the VERITAS Blazar Observation Program
17. Birsin, Emrah: Towards a Flexible Array Control and Operation Framework for CTA
18. Biteau, Jonathan: The detection at high and very high energies of the blazar 1ES 1312-423
19. Boettcher, Markus: Magnetic-Field Generation and Particle Acceleration in Relativistic Shear Layers
20. Boettcher, Markus: Signatures of Relativistic Shock Acceleration in Blazar Emission
21. Boettcher, Markus: VHE Gamma-Ray Induced Pair Cascades in AGN Environments
22. Bordas, Pol: VERITAS and H.E.S.S. observations of the gamma-ray binary HESS J0632+057
23. Brandt, Terri: Fermi Catalog of Supernova Remnants
24. Buson, Sara: Fermi-LAT View of a sample of Flaring Gamma-Ray AGN
25. Casanova, Sabrina: Cosmic ray propagation in molecular clouds
26. Celik, Ozlem: Second Fermi LAT Catalog of Gamma-ray Pulsars
27. Cerruti, Matteo: A mixed lepto-hadronic scenario for PKS 2155-304
28. Cholis, Ilias: Limits on Dark Matter Annihilation from gamma-rays at high latitudes, using dwarf spheroidal galaxies and the extragalactic background radiation.
29. Christiansen, Jodi: Improving VERITAS Sensitivity by Fitting Elliptical Image Parameters
30. Ciprini, Stefano: Four Years of Fermi LAT Flare Advocate Activity
31. Ciprini, Stefano: SSC variability in powerful gamma-ray blazars: two examples
32. Cristofari, Pierre: TeV gamma rays from Supernova Remnants
33. Cutini, Sara: Fermi, Planck, Swift and ground based multi-wavelength observations of peculiar object 4C 49.22
34. D'Ammando, Filippo: To be or not to be a blazar. The case of the gamma-ray Narrow-Line Seyfert 1 SBS 0846+513
35. Dalton, Matthew: Inverse-Compton Dominant Pulsar Wind Nebulae in the IACT era
36. Daniel, Michael: A Simple Method to Test for Energy-Dependent Dispersion in High Energy Light-Curves of Astrophysical Sources

37. Daniel, Michael: Determining atmospheric aerosol content with an infra-red radiometer
38. De Caneva, Gessica: Flat Spectrum Radio Quasars: MAGIC latest results and unexpected features
39. De Caneva, Gessica: MAGIC discovery of the BL Lac 1ES 1727+502: multiwavelength observations, spectral behavior and variability
40. De Wilt, Phoebe: Survey of Molecular Dense Gas Overlap with Galactic TeV Gamma-Ray Sources
41. Deil, Christoph: Enrico : a Python package to simplify Fermi-LAT data analysis
42. Del Valle, Maria Victoria: Non-thermal emission from massive young stellar objects
43. Dickinson, Hugh: A Search for VHE Gamma-Ray Flares in Microquasars
44. Dimitrakoudis, Stavros: The Time-Dependent One-Zone Hadronic Model: Power Law Proton Injection
45. Domainko, Wilfried: Exploring the nature of the unidentified VHE gamma-ray source HESS J1507-622
46. Dubus, Guillaume: Surveys with the Cherenkov Telescope Array
47. Eger, Peter: The link between GeV, TeV and X-ray emission from Galactic globular clusters
48. Eisenacher, Dorit: Short term and multi-band variability of the active nucleus of IC310
49. Ergin, Tulun: GeV Gamma-ray Analysis of Mixed-morphology Supernova Remnants Interacting With Clouds
50. Fernandes, Milton Virgilio: Spectral reconstruction of extended VHE gamma-ray sources with Template Background
51. Fortson, Lucy: Results from VERITAS Observations on the Giant Flare from Mrk 421 in February 2010
52. Fortson, Lucy: Results from the VERITAS LBL/IBL observation program
53. Fraija, Nissim: On external shock model to explain the long and short components in high energy emission about some GRBs
54. Fukui, Yasuo: A Detailed Study of the Molecular and Atomic Gas Toward the gamma-ray SNR RX J1713.7-3946: Spatial TeV gamma-ray and ISM Gas Correspondence
55. Gerard, Lucie: BL Lac population study at high energies
56. Giacinti, Gwenael: Explanation for the TeV?-PeV Cosmic Ray Anisotropies at Small Angular Scales
57. Grondin, Marie-Helene: The Vela-X Pulsar Wind Nebula revisited with 3 years of Fermi-LAT observations
58. Grube, Jeffrey: VERITAS Limits on Dark Matter Annihilation from Dwarf Galaxies
59. Hagino, Kouichi The Si/CdTe semiconductor detector for Hard X-ray Imager (HXI) onboard ASTRO-H
60. Hahn, Joachim: Ensuring long-term stability of data quality selection for H.E.S.S. under challenging atmospheric conditions
61. Harris, Jonathan: Identifying Breaks and Curvature in the Fermi Spectra of Bright FSRQs
62. Hassan, Tarek: Pulsar Prospects for the Cherenkov Telescope Array
63. Hassan, Tarek: Gamma-ray Active Galactic Nuclei type determination through machine-learning algorithms
64. Henri, Gilles: Anisotropic Inverse Compton emission in AGNs
65. Holler, Markus: A spatially resolved model to reproduce the nonthermal emission of young pulsar wind nebulae
66. Huber, Ben: A stacking search for gamma-ray emission from galaxy clusters using the Fermi LAT
67. Jaron, Frederic: Relationship between precession and gamma-ray emission in LS I+61303
68. Jogler, Tobias: Monte Carlo comparison of medium-size telescope designs for the Cherenkov Telescope Array
69. Jogler, Tobias: Recent results from MAGIC observations of the the binary systems LS I+61 303 and HESS J0632+057
70. Johnson, Tyrel: Modeling the Pulse Profiles of Millisecond Pulsars in the Second LAT Catalog of Gamma-ray Pulsars
71. Jones, David: Statistical analysis of the optical-depth-corrected molecular line and diffuse TeV gamma-ray correlation in the Galactic centre
72. Jung, Ira: Application of the Richardson-Lucy deconvolution algorithm to VHE gamma-ray data

73. Kafexhiu, Ervin: Nuclear gamma-ray radiation from hot two temperature accretion disks plasma
74. Klatt, Michael: Morphometric analysis in gamma-ray astronomy using Minkowski functionals
75. Klepser, Stefan: Application of a generalized likelihood ratio test statistic to MAGIC data
76. Kryvdyk, Volodymyr: Generation of high-energy particles, neutrino and fotons in magnetosphere of collapsing star
77. Kunnas, Maike: The Hardware of the HiSCORE Gamma-Ray and Cosmic Ray Cherenkov Detector Array
78. Lamberts, Astrid : Stellar colliding wind binaries and gamma-ray binaries with a relativistic extension to the RAMSES code
79. Lee, Shiu-Hang: CR-hydro-NEI Simulation of Particle Acceleration and Broadband Emissions at Supernova Remnants
80. Lefa, Eva : Asymptotic expressions for the ICS spectrum close to the maximum cut-off region
81. Lefa, Eva: Hard \$\gamma\$-ray spectra and the case of Mkn-501 2009 flare
82. Lemoine-Goumard, Marianne: Is the gamma-ray emission from the SNR HESS J1731-347 leptonic dominated ?
83. Lewandowska, Natalia: Giant radio pulses of the Crab pulsar - A multiwavelength study with MAGIC and the several radio facilities
84. Lombardi, Saverio: Observation of the peculiar transient event Sw 1644+57 in the very-high energy regime with the MAGIC telescopes
85. Malyshev, Dmitry: Spectral components analysis of the Fermi-LAT data and the derivation of the Fermi bubbles
86. Mangano, Vanessa: IGR J08408-4503 in outburst observed by Swift
87. Marandon, Vincent: A new TeV unidentified source in the field of view of HESS J1837-069
88. Marandon, Vincent: Spectro-imaging analysis of the young composite SNR G310.6-1.6 with Chandra
89. Marcote, Benito: First LOFAR Observations of Gamma-Ray Binaries
90. Martin, Pierrick: Particle acceleration and non-thermal emission in the V407 Cygni nova outburst
91. Massaro, Francesco: A WISE view of the gamma-ray sky: unveiling the nature of the unidentified gamma-ray sources
92. Maurer, Andreas: Very High Energy gamma ray absorption via localized diffuse radiation fields
93. Maxted, Nigel: Dense gas towards RXJ1713.7-3946 and other HESS TeV sources
94. Mayer, Michael: Implications on the X-ray emission from evolved pulsar wind nebulae based on VHE gamma-ray observations
95. Meintjes, Pieter: A search for gamma-ray blazars among the unidentified EGRET sources
96. Meli, Athina: First and second-order Fermi acceleration in modified parallel and oblique relativistic shocks
97. Menzler, Ulf: Polarization as a possible discriminant of high energy gamma-ray production processes in AGNs
98. Meyer, Eileen: Strong and Weak Jets: the Radio-Loud AGN Dichotomy and the Source of the Gamma-ray Emission
99. Meyer, Manuel: Indications for a low opacity Universe from Fermi data
100. Meyer, Manuel: Limits on the extragalactic background light in the Fermi era
101. Mochol, Iwona: High-energy emission from pulsar binaries
102. Moldon, Javier: Periodic morphological changes in gamma-ray binaries
103. Moradian Jahoudbejari, Saman: A Mysterious Phenomenon
104. Mori, Masaki: CALET: High Energy Cosmic Ray Observatory on International Space Station
105. Mori, Masaki: Search for GeV gamma-ray emission from ultraluminous X-ray sources
106. Munar-Adrover, Pere: A leptonic model of the broadband emission of the massive young stellar object IRAS 16547-4247
107. Naumann, Christopher: Multi-component study of extended sources with a likelihood method
108. Naumann, Christopher: NECTAr: New Electronics for the Cherenkov Telescope Array
109. Nava, Lara: Anisotropic diffusion of cosmic rays in the W28 region and related gamma ray emission

110. Nowak, Nina: Unprecedented multi-instrument variability study of the classical TeV objects Mrk421 and Mrk501
111. O'Faolain de Bhroithe, Anna: A search for short-term variability in the VHE gamma-ray emission from the Crab Nebula
112. Ohm, Stefan: H.E.S.S. observations of Eta Carinae and the Carina Nebula
113. Ostapchenko, Sergey: Deriving the cosmic ray spectrum from gamma-ray observations
114. Pandel, Dirk: Multi-wavelength Studies of the Gamma-ray Pulsar PSR J1907+0602
115. Paredes-Fortuny, Xavier: Optical photometric monitoring of gamma-ray binaries
116. Park, Nahee: VERITAS observation of CTA1
117. Park, Nahee: VERITAS upper limits on TeV gamma-ray emission from undetected SNRs
118. Paz Arribas, Manuel: Trigger and data rates expected for the CTA Observatory
119. Pedaletti, Giovanna: The impact of the Cherenkov telescope array on aspects of the study of cosmic-ray diffusion in molecular clouds
120. Perez, Daniela: Radiation from black hole accretion in f(R) gravity
121. Petropoulou, Maria: An estimation method for the minimum Doppler factor and energy content of quasar 3C 279
122. Pita, Santiago: UVB to near-IR spectroscopic observations of high energy blazars with X-Shooter
123. Pletsch, Holger J.: Finding radio-quiet gamma-ray pulsars using methods from gravitational-wave astronomy and Einstein@Home
124. Prandini, Elisa: Challenging the one zone SSC model in VHE gamma ray emitting BL Lacs: the interesting case of PKS 1424+240
125. Prokoph, Heike: Observations of very high energy emission from B2 1215+30 with VERITAS
126. Prosekin, Anton: Synchrotron radiation accompanying cosmologically distant UHE proton accelerators
127. Puehlhofer, Gerd: FlashCam: A camera concept and development for CTA telescopes
128. Raue, Martin: PyFACT: Python and FITS Analysis for Cherenkov Telescopes
129. Reichardt, Ignasi: The supernova remnant HB-21 resolved in GeV gamma rays
130. Reimer, Anita: Towards modeling gamma-ray blazar light curves
131. Reitberger, Klaus: Gamma-ray follow-up studies on Eta Carinae
132. Renaud, Matthieu: Constraints on cosmic-ray efficiency in the supernova remnant RCW 86 using multi-wavelength observations
133. Romano, Patrizia: Investigating Supergiant Fast X-ray Transients with LOFT
134. Romano, Patrizia: Supergiant Fast X-ray Transients with Swift: spectroscopic and temporal properties
135. Romano, Patrizia: Swift monitoring of the candidate supergiant fast X-ray transient IGR J16418-4532
136. Rousseau, Romain: Fermi-LAT observations of TeV PWNe candidates at GeV energies
137. Rowell, Gavin: Chandra observations of the HII complex G5.89-0.39 and TeV source HESSJ1800-240B
138. Saito, Takayuki: Follow-up observations of the Crab pulsar with MAGIC and re-analysis of archival data
139. Sanchez, David: Evidence for a cosmological effect in \$\gamma\$-ray spectra of BL~Lacs.
140. Sanchez, David: H.E.S.S. and Fermi-LAT discovery of high frequency peaked BL Lac SHBL J001355.9-185406
141. Sandoval, Andres: Construction and Operation of the VAMOS array
142. Sano, Hidefumi: X-ray emission and interstellar gas toward the gamma-ray supernova remnant RX J1713.7--3946: Evidence for X-ray enhancement around molecular clumps
143. Schultz, Cornelia: Spectral variability and multiwavelength studies of the high-frequency-peaked BL Lacertae object 1ES 0806+524 with the MAGIC telescopes
144. Schwarzburg, Stefan: A multi-scale morphological characterization of extended TeV survey sources

145. Sepehri, Alireza: The production cross section for gamma ray in flat,open and closed FRW Universes
146. Shaw, Michael S.: The Largest Ever Optical Spectroscopic Survey of Blazars
147. Shimizu, Takafumi: Non-thermal emission from mixed-morphology supernova remnants
148. Sitarek, Julian: Can TeV gamma-rays and neutrinos be produced in symbiotic Novae explosions ?
149. Sitarek, Julian: Discovery of VHE gamma-ray emission from the blazar 1ES 1215+303 by the MAGIC telescopes and modeling of the multi-wavelength spectrum
150. Stamatescu, Victor: Mapping the TeV PWN candidate source HESS J1857+026 down to Fermi-LAT energies with the MAGIC telescopes
151. Stamatescu, Victor: Towards an optimized design of the Cherenkov Telescope Array
152. Strong, Andy: Interstellar gamma rays, synchrotron radiation and cosmic rays
153. Sun, Shang-yu: Detailed characterization and scientific interpretation of the broadband emission of Mrk421 during flaring activity in 2010
154. Tabaoda, Ignacio: Sensitivity of HAWC to Gamma Ray Bursts
155. Takamoto, Makoto: An Efficient Dissipation Mechanism of Magnetic Field by Effect of Turbulence
156. Tammi, Joni: Synchrotron modelling of gamma-ray AGNs
157. Tanaka, Yasuyuki: Fermi-LAT detection of long-lasting MeV/GeV emissions associated with solar flares
158. Telezhinsky, Igor: Acceleration of Cosmic Rays by Young Core-Collapse Supernova Remnants
159. Tibolla, Omar: Unidentified Galactic High-Energy Sources as Ancient Pulsar Wind Nebulae in the light of new high energy observations
160. Tluczykont, Martin: The Hundred Square-km Cosmic ORigin Explorer
161. Tramacere, Andrea: gamma-ray DBScan: a DBScan-based clustering algorithm applied to the detection of gamma-ray sources: application to the Fermi-LAT data
162. Uellenbeck, Malwina: Discovery of VHE gamma-ray emission from the long hunted blazar 1ES 0033+595 by the MAGIC telescopes
163. Vieyro, Florencia L.: Episodic gamma-ray emission from the low mass X-ray binary GRO J0422+32
164. Werner, Michael: Fermi LAT upper limits on gamma-ray emission from colliding wind binaries
165. Westerhoff, Stefan: Measurement of Anisotropy in the Arrival Direction Distribution of PeV Cosmic Rays with IceTop
166. Willett, Kyle: Environmental Clustering Properties of High-Energy Blazars
167. Wouters, Denis: Discovery of the distant BL Lac object PKS 0301-243 with H.E.S.S.
168. Yamazaki, Ryo: Cosmic-ray Acceleration at Young and Middle-aged SNRs Interacting with Interstellar Clouds
169. Yang, Ruizhi: Deep Observation of the Giant Radio Lobes of Centaurus A with the Fermi Large Area Telescope
170. Zabalza, Victor: Unraveling the high-energy emission components of LS 5039
171. Zimmermann, Lisa: A precessing jet in the gamma-ray binary LS I +61303