

Nicola Omodei

List of Publications by Year in descending order

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Version: 2024-02-01

244
papers

35,159
citations

2423

97
h-index

3257

185
g-index

250
all docs

250
docs citations

250
times ranked

12265
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Characterization of the background for a neutrino search with the HAWC observatory. <i>Astroparticle Physics</i> , 2022, 137, 102670. | 1.9 | 2 |
| 2 | HAWC Study of the Ultra-high-energy Spectrum of MGRO J1908+06. <i>Astrophysical Journal</i> , 2022, 928, 116. | 1.6 | 6 |
| 3 | A gamma-ray pulsar timing array constrains the nanohertz gravitational wave background. <i>Science</i> , 2022, 376, 521-523. | 6.0 | 14 |
| 4 | The Coupling of an EUV Coronal Wave and Ion Acceleration in a Fermi-LAT Behind-the-Limb Solar Flare. <i>Astrophysical Journal</i> , 2022, 929, 172. | 1.6 | 6 |
| 5 | Gamma/hadron separation with the HAWC observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2022, 1039, 166984. | 0.7 | 3 |
| 6 | Incremental Fermi Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 53. | 3.0 | 186 |
| 7 | Search for New Cosmic-Ray Acceleration Sites within the 4FGL Catalog Galactic Plane Sources. <i>Astrophysical Journal</i> , 2022, 933, 204. | 1.6 | 3 |
| 8 | Probing the Extragalactic Mid-infrared Background with HAWC. <i>Astrophysical Journal</i> , 2022, 933, 223. | 1.6 | 0 |
| 9 | Evidence of 200 TeV Photons from HAWC J1825-134. <i>Astrophysical Journal Letters</i> , 2021, 907, L30. | 3.0 | 34 |
| 10 | HAWC observations of the acceleration of very-high-energy cosmic rays in the Cygnus Cocoon. <i>Nature Astronomy</i> , 2021, 5, 465-471. | 4.2 | 62 |
| 11 | Spectrum and Morphology of the Very-high-energy Source HAWC J2019+368. <i>Astrophysical Journal</i> , 2021, 911, 143. | 1.6 | 14 |
| 12 | Evidence that Ultra-high-energy Gamma Rays Are a Universal Feature near Powerful Pulsars. <i>Astrophysical Journal Letters</i> , 2021, 911, L27. | 3.0 | 32 |
| 13 | GRB 191016A: A Long Gamma-Ray Burst Detected by TESS. <i>Astrophysical Journal</i> , 2021, 911, 43. | 1.6 | 9 |
| 14 | HAWC Search for High-mass Microquasars. <i>Astrophysical Journal Letters</i> , 2021, 912, L4. | 3.0 | 3 |
| 15 | Multiple Sources of Solar High-energy Protons. <i>Astrophysical Journal</i> , 2021, 915, 12. | 1.6 | 19 |
| 16 | Probing the Sea of Cosmic Rays by Measuring Gamma-Ray Emission from Passive Giant Molecular Clouds with HAWC. <i>Astrophysical Journal</i> , 2021, 914, 106. | 1.6 | 9 |
| 17 | On the Existence of the Plateau Emission in High-energy Gamma-Ray Burst Light Curves Observed by Fermi-LAT. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 13. | 3.0 | 25 |
| 18 | First Fermi-LAT Solar Flare Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 13. | 3.0 | 32 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Searching for axionlike particles from core-collapse supernovae with <i>Fermi</i> LAT's low-energy technique. <i>Physical Review D</i> , 2021, 104, . | 1.6 | 7 |
| 20 | Gamma Rays from Fast Black-hole Winds. <i>Astrophysical Journal</i> , 2021, 921, 144. | 1.6 | 14 |
| 21 | HAWC J2227+610 and Its Association with G106.3+2.7, a New Potential Galactic PeVatron. <i>Astrophysical Journal Letters</i> , 2020, 896, L29. | 3.0 | 48 |
| 22 | Constraints on Lorentz Invariance Violation from HAWC Observations of Gamma Rays above 100 TeV. <i>Physical Review Letters</i> , 2020, 124, 131101. | 2.9 | 40 |
| 23 | <i>Fermi</i> Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 33. | 3.0 | 817 |
| 24 | Interplanetary Protons versus Interacting Protons in the 2017 September 10 Solar Eruptive Event. <i>Astrophysical Journal</i> , 2020, 890, 13. | 1.6 | 18 |
| 25 | The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2020, 892, 105. | 1.6 | 204 |
| 26 | Fermi and Swift Observations of GRB 190114C: Tracing the Evolution of High-energy Emission from Prompt to Afterglow. <i>Astrophysical Journal</i> , 2020, 890, 9. | 1.6 | 48 |
| 27 | 3HWC: The Third HAWC Catalog of Very-high-energy Gamma-Ray Sources. <i>Astrophysical Journal</i> , 2020, 905, 76. | 1.6 | 99 |
| 28 | HAWC and Fermi-LAT Detection of Extended Emission from the Unidentified Source 2HWC J2006+341. <i>Astrophysical Journal Letters</i> , 2020, 903, L14. | 3.0 | 5 |
| 29 | A new fitting function for GRB MeV spectra based on the internal shock synchrotron model. <i>Astronomy and Astrophysics</i> , 2020, 640, A91. | 2.1 | 4 |
| 30 | Closure Relations of Gamma-Ray Bursts in High Energy Emission. <i>Astrophysical Journal</i> , 2019, 883, 134. | 1.6 | 16 |
| 31 | A Search for Cosmic-Ray Proton Anisotropy with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2019, 883, 33. | 1.6 | 9 |
| 32 | MAGIC and <i>Fermi</i> -LAT gamma-ray results on unassociated HAWC sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 356-366. | 1.6 | 7 |
| 33 | Multiple Components in the Broadband γ -Ray Emission of the Short GRB 160709A. <i>Astrophysical Journal</i> , 2019, 876, 76. | 1.6 | 6 |
| 34 | A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. <i>Astrophysical Journal</i> , 2019, 878, 52. | 1.6 | 152 |
| 35 | Identifying the 3FHL Catalog. I. Archival Swift Observations and Source Classification. <i>Astrophysical Journal</i> , 2019, 871, 94. | 1.6 | 15 |
| 36 | Observation of inverse Compton emission from a long γ -ray burst. <i>Nature</i> , 2019, 575, 459-463. | 13.7 | 146 |

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Bright Gamma-Ray Flares Observed in GRB 131108A. <i>Astrophysical Journal Letters</i> , 2019, 886, L33. | 3.0 | 6 |
| 38 | Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. <i>Science Advances</i> , 2018, 4, eaao7228. | 4.7 | 20 |
| 39 | The Bright and the Slow GRBs 100724B and 160509A with High-energy Cutoffs at ~ 100 MeV. <i>Astrophysical Journal</i> , 2018, 864, 163. | 1.6 | 46 |
| 40 | A Luminous and Highly Variable Gamma-Ray Flare Following the 2017 Periastron of PSR B1259-63/LS 2883. <i>Astrophysical Journal</i> , 2018, 863, 27. | 1.6 | 27 |
| 41 | Probing the Puzzle of Behind-the-limb γ -Ray Flares: Data-driven Simulations of Magnetic Connectivity and CME-driven Shock Evolution. <i>Astrophysical Journal</i> , 2018, 867, 122. | 1.6 | 33 |
| 42 | VERITAS and Fermi-LAT Observations of TeV Gamma-Ray Sources Discovered by HAWC in the 2HWC Catalog. <i>Astrophysical Journal</i> , 2018, 866, 24. | 1.6 | 21 |
| 43 | Fermi-LAT Observations of LIGO/Virgo Event GW170817. <i>Astrophysical Journal</i> , 2018, 861, 85. | 1.6 | 32 |
| 44 | Investigating the Nature of Late-time High-energy GRB Emission through Joint Fermi/Swift Observations. <i>Astrophysical Journal</i> , 2018, 863, 138. | 1.6 | 16 |
| 45 | Fermi-LAT Observations of the 2017 September 10 Solar Flare. <i>Astrophysical Journal Letters</i> , 2018, 865, L7. | 3.0 | 52 |
| 46 | A Statistical Study to Determine the Origin of Long-duration Gamma-Ray Flares. <i>Astrophysical Journal</i> , 2018, 864, 39. | 1.6 | 18 |
| 47 | The THESEUS space mission concept: science case, design and expected performances. <i>Advances in Space Research</i> , 2018, 62, 191-244. | 1.2 | 133 |
| 48 | Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, . | 6.0 | 654 |
| 49 | The Search for Spatial Extension in High-latitude Sources Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal, Supplement Series</i> , 2018, 237, 32. | 3.0 | 121 |
| 50 | Search for Gamma-Ray Emission from Local Primordial Black Holes with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2018, 857, 49. | 1.6 | 23 |
| 51 | Fermi-LAT Observations of High-energy Behind-the-limb Solar Flares. <i>Astrophysical Journal</i> , 2017, 835, 219. | 1.6 | 53 |
| 52 | SEARCHING THE GAMMA-RAY SKY FOR COUNTERPARTS TO GRAVITATIONAL WAVE SOURCES: FERMI GAMMA-RAY BURST MONITOR AND LARGE AREA TELESCOPE OBSERVATIONS OF LVT151012 AND GW151226. <i>Astrophysical Journal</i> , 2017, 835, 82. | 1.6 | 32 |
| 53 | Observations of M31 and M33 with the Fermi Large Area Telescope: A Galactic Center Excess in Andromeda?. <i>Astrophysical Journal</i> , 2017, 836, 208. | 1.6 | 70 |
| 54 | Gamma-Ray Blazars within the First 2 Billion Years. <i>Astrophysical Journal Letters</i> , 2017, 837, L5. | 3.0 | 42 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Search for Cosmic-Ray Electron and Positron Anisotropies with Seven Years of Fermi Large Area Telescope Data. <i>Physical Review Letters</i> , 2017, 118, 091103. | 2.9 | 38 |
| 56 | Constraints on the bulk Lorentz factor of gamma-ray burst jets from <i>Fermi</i> /LAT upper limits. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 811-819. | 1.6 | 15 |
| 57 | Searching for High-energy Gamma-ray Counterparts to Gravitational-wave Sources with Fermi-LAT: A Needle in a Haystack. <i>Astrophysical Journal Letters</i> , 2017, 841, L16. | 3.0 | 3 |
| 58 | 3FHL: The Third Catalog of Hard Fermi-LAT Sources. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 18. | 3.0 | 227 |
| 59 | Fermi Observations of the LIGO Event GW170104. <i>Astrophysical Journal Letters</i> , 2017, 846, L5. | 3.0 | 15 |
| 60 | The Second Catalog of Flaring Gamma-Ray Sources from the Fermi All-sky Variability Analysis. <i>Astrophysical Journal</i> , 2017, 846, 34. | 1.6 | 63 |
| 61 | Search for Extended Sources in the Galactic Plane Using Six Years of Fermi-Large Area Telescope Pass 8 Data above 10 GeV. <i>Astrophysical Journal</i> , 2017, 843, 139. | 1.6 | 70 |
| 62 | Probing the EBL Evolution at High Redshift Using GRBs Detected with the <i>Fermi</i> -LAT. <i>Astrophysical Journal</i> , 2017, 850, 73. | 1.6 | 16 |
| 63 | The Fermi GBM and LAT follow-up of GW150914. <i>EPJ Web of Conferences</i> , 2017, 136, 03020. | 0.1 | 0 |
| 64 | THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2016, 224, 8. | 3.0 | 190 |
| 65 | DEVELOPMENT OF THE MODEL OF GALACTIC INTERSTELLAR EMISSION FOR STANDARD POINT-SOURCE ANALYSIS OF FERMI LARGE AREA TELESCOPE DATA. <i>Astrophysical Journal, Supplement Series</i> , 2016, 223, 26. | 3.0 | 313 |
| 66 | FERMI-LAT OBSERVATIONS OF THE LIGO EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 823, L2. | 3.0 | 45 |
| 67 | FERMI LAT STACKING ANALYSIS OF SWIFT LOCALIZED GRBs. <i>Astrophysical Journal</i> , 2016, 822, 68. | 1.6 | 5 |
| 68 | Resolving the Extragalactic $\hat{\gamma}^3$ -Ray Background above 50 ÅGeV with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2016, 116, 151105. | 2.9 | 130 |
| 69 | Measurement of the high-energy gamma-ray emission from the Moon with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2016, 93, 082001. | 1.6 | 20 |
| 70 | AN EXTERNAL SHOCK ORIGIN OF GRB 141028A. <i>Astrophysical Journal</i> , 2016, 822, 63. | 1.6 | 22 |
| 71 | 2FHL: THE SECOND CATALOG OF HARD FERMI-LAT SOURCES. <i>Astrophysical Journal, Supplement Series</i> , 2016, 222, 5. | 3.0 | 219 |
| 72 | FERMI-LAT OBSERVATIONS OF HIGH-ENERGY $\hat{\gamma}^3$ -RAY EMISSION TOWARD THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2016, 819, 44. | 1.6 | 301 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | The Multi-Mission Maximum Likelihood framework. , 2016, , . | | 14 |
| 74 | Fermi Large Area Telescope observation of high-energy solar flares: constraining emission scenarios. Proceedings of the International Astronomical Union, 2015, 11, 51-56. | 0.0 | 0 |
| 75 | FIRST DETECTION OF >100 MeV GAMMA-RAYS ASSOCIATED WITH A BEHIND-THE-LIMB SOLAR FLARE. Astrophysical Journal Letters, 2015, 805, L15. | 3.0 | 52 |
| 76 | THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE <i>FERMI</i> LARGE AREA TELESCOPE. Astrophysical Journal, 2015, 810, 14. | 1.6 | 475 |
| 77 | MULTIWAVELENGTH EVIDENCE FOR QUASI-PERIODIC MODULATION IN THE GAMMA-RAY BLAZAR PG 1553+113. Astrophysical Journal Letters, 2015, 813, L41. | 3.0 | 144 |
| 78 | VERY HIGH ENERGY γ -RAYS FROM THE UNIVERSE'S MIDDLE AGE: DETECTION OF THE $z = 0.940$ BLAZAR PKS 1441+25 WITH MAGIC. Astrophysical Journal Letters, 2015, 815, L23. | 3.0 | 78 |
| 79 | THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100 MeV AND 820 GeV. Astrophysical Journal, 2015, 799, 86. | 1.6 | 556 |
| 80 | <i>FERMI</i> LARGE AREA TELESCOPE THIRD SOURCE CATALOG. Astrophysical Journal, Supplement Series, 2015, 218, 23. | 3.0 | 1,224 |
| 81 | <i>SWIFT</i> AND <i>FERMI</i> OBSERVATIONS OF X-RAY FLARES: THE CASE OF LATE INTERNAL SHOCK. Astrophysical Journal, 2015, 803, 10. | 1.6 | 22 |
| 82 | Clustering of LAT light curves: a clue to the origin of high-energy emission in gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2014, 443, 3578-3585. | 1.6 | 45 |
| 83 | A PANCHROMATIC VIEW OF THE RESTLESS SN 2009ip REVEALS THE EXPLOSIVE EJECTION OF A MASSIVE STAR ENVELOPE. Astrophysical Journal, 2014, 780, 21. | 1.6 | 182 |
| 84 | HIGH-ENERGY GAMMA-RAY EMISSION FROM SOLAR FLARES: SUMMARY OF <i>FERMI</i> LARGE AREA TELESCOPE DETECTIONS AND ANALYSIS OF TWO M-CLASS FLARES. Astrophysical Journal, 2014, 787, 15. | 1.6 | 100 |
| 85 | AN OBSERVED CORRELATION BETWEEN THERMAL AND NON-THERMAL EMISSION IN GAMMA-RAY BURSTS. Astrophysical Journal Letters, 2014, 784, L43. | 3.0 | 27 |
| 86 | TIME-RESOLVED ANALYSIS OF <i>FERMI</i> GAMMA-RAY BURSTS WITH FAST- AND SLOW-COOLED SYNCHROTRON PHOTON MODELS. Astrophysical Journal, 2014, 784, 17. | 1.6 | 83 |
| 87 | Fermi-LAT Observations of the Gamma-Ray Burst GRB 130427A. Science, 2014, 343, 42-47. | 6.0 | 211 |
| 88 | Observations of Gamma-ray Bursts with the Fermi Large Area Telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 742, 162-164. | 0.7 | 0 |
| 89 | <i>Fermi</i> LARGE AREA TELESCOPE OBSERVATIONS OF BLAZAR 3C 279 OCCULTATIONS BY THE SUN. Astrophysical Journal, 2014, 784, 118. | 1.6 | 13 |
| 90 | THE SPECTRUM AND MORPHOLOGY OF THE <i>FERMI</i> BUBBLES. Astrophysical Journal, 2014, 793, 64. | 1.6 | 239 |

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|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | IMPULSIVE AND LONG DURATION HIGH-ENERGY GAMMA-RAY EMISSION FROM THE VERY BRIGHT 2012 MARCH 7 SOLAR FLARES. <i>Astrophysical Journal</i> , 2014, 789, 20. | 1.6 | 96 |
| 92 | The Bright Optical Flash and Afterglow from the Gamma-Ray Burst GRB 130427A. <i>Science</i> , 2014, 343, 38-41. | 6.0 | 78 |
| 93 | The First Pulse of the Extremely Bright GRB 130427A: A Test Lab for Synchrotron Shocks. <i>Science</i> , 2014, 343, 51-54. | 6.0 | 55 |
| 94 | Search for gamma-ray spectral lines with the Fermi Large Area Telescope and dark matter implications. <i>Physical Review D</i> , 2013, 88, . | 1.6 | 175 |
| 95 | PSR J2021+4026 IN THE GAMMA CYGNI REGION: THE FIRST VARIABLE $\hat{\gamma}$ -RAY PULSAR SEEN BY THE <i>Fermi</i> LAT. <i>Astrophysical Journal Letters</i> , 2013, 777, L2. | 3.0 | 62 |
| 96 | Detection of the Characteristic Pion-Decay Signature in Supernova Remnants. <i>Science</i> , 2013, 339, 807-811. | 6.0 | 591 |
| 97 | DETERMINATION OF THE POINT-SPREAD FUNCTION FOR THE <i>FERMI</i> LARGE AREA TELESCOPE FROM ON-ORBIT DATA AND LIMITS ON PAIR HALOS OF ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2013, 765, 54. | 1.6 | 66 |
| 98 | THE FIRST <i>FERMI</i> -LAT GAMMA-RAY BURST CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2013, 209, 11. | 3.0 | 232 |
| 99 | NEW <i>FERMI</i> -LAT EVENT RECONSTRUCTION REVEALS MORE HIGH-ENERGY GAMMA RAYS FROM GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2013, 774, 76. | 1.6 | 56 |
| 100 | THE <i>FERMI</i> ALL-SKY VARIABILITY ANALYSIS: A LIST OF FLARING GAMMA-RAY SOURCES AND THE SEARCH FOR TRANSIENTS IN OUR GALAXY. <i>Astrophysical Journal</i> , 2013, 771, 57. | 1.6 | 47 |
| 101 | Global Properties of High-Energy Emission from Gamma-Ray Bursts. <i>EAS Publications Series</i> , 2013, 61, 123-128. | 0.3 | 0 |
| 102 | MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. <i>Astrophysical Journal</i> , 2013, 763, 71. | 1.6 | 75 |
| 103 | Binary Millisecond Pulsar Discovery via Gamma-Ray Pulsations. <i>Science</i> , 2012, 338, 1314-1317. | 6.0 | 92 |
| 104 | The Imprint of the Extragalactic Background Light in the Gamma-Ray Spectra of Blazars. <i>Science</i> , 2012, 338, 1190-1192. | 6.0 | 207 |
| 105 | Periodic Emission from the Gamma-Ray Binary 1FGL J1018.6+5856. <i>Science</i> , 2012, 335, 189-193. | 6.0 | 74 |
| 106 | THE <i>FERMI</i> LARGE AREA TELESCOPE ON ORBIT: EVENT CLASSIFICATION, INSTRUMENT RESPONSE FUNCTIONS, AND CALIBRATION. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 4. | 3.0 | 403 |
| 107 | GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012, 755, 164. | 1.6 | 297 |
| 108 | <i>FERMI</i> OBSERVATIONS OF $\hat{\gamma}$ -RAY EMISSION FROM THE MOON. <i>Astrophysical Journal</i> , 2012, 758, 140. | 1.6 | 19 |

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|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 109 | BROADBAND STUDY OF GRB 091127: A SUB-ENERGETIC BURST AT HIGHER REDSHIFT?. <i>Astrophysical Journal</i> , 2012, 761, 50. | 1.6 | 27 |
| 110 | GRB110721A: AN EXTREME PEAK ENERGY AND SIGNATURES OF THE PHOTOSPHERE. <i>Astrophysical Journal Letters</i> , 2012, 757, L31. | 3.0 | 152 |
| 111 | <i>FERMI</i> DETECTION OF $\hat{\Gamma}^3$ -RAY EMISSION FROM THE M2 SOFT X-RAY FLARE ON 2010 JUNE 12. <i>Astrophysical Journal</i> , 2012, 745, 144. | 1.6 | 60 |
| 112 | A STATISTICAL APPROACH TO RECOGNIZING SOURCE CLASSES FOR UNASSOCIATED SOURCES IN THE FIRST <i>FERMI</i>-LAT CATALOG. <i>Astrophysical Journal</i> , 2012, 753, 83. | 1.6 | 100 |
| 113 | The cosmic-ray and gas content of the Cygnus region as measured in <i> $\hat{\Gamma}^3$ </i>-rays by the <i>Fermi</i> Large Area Telescope. <i>Astronomy and Astrophysics</i> , 2012, 538, A71. | 2.1 | 46 |
| 114 | <i>FERMI</i>-LAT OBSERVATIONS OF THE DIFFUSE $\hat{\Gamma}^3$ -RAY EMISSION: IMPLICATIONS FOR COSMIC RAYS AND THE INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2012, 750, 3. | 1.6 | 535 |
| 115 | MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , 2012, 751, 159. | 1.6 | 54 |
| 116 | CONSTRAINING THE HIGH-ENERGY EMISSION FROM GAMMA-RAY BURSTS WITH <i>FERMI</i>. <i>Astrophysical Journal</i> , 2012, 754, 121. | 1.6 | 14 |
| 117 | <i>FERMI</i> LARGE AREA TELESCOPE STUDY OF COSMIC RAYS AND THE INTERSTELLAR MEDIUM IN NEARBY MOLECULAR CLOUDS. <i>Astrophysical Journal</i> , 2012, 755, 22. | 1.6 | 52 |
| 118 | <i>FERMI</i> LARGE AREA TELESCOPE SECOND SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2012, 199, 31. | 3.0 | 1,079 |
| 119 | Fermi LAT observation of quiet gamma-ray emission from the Sun and first solar flares detection. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 692, 262-264. | 0.7 | 1 |
| 120 | <i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT G8.7â€“0.1. <i>Astrophysical Journal</i> , 2012, 744, 80. | 1.6 | 48 |
| 121 | In-flight measurement of the absolute energy scale of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2012, 35, 346-353. | 1.9 | 27 |
| 122 | Constraints on dark matter models from a Fermi LAT search for high-energy cosmic-ray electrons from the Sun. <i>Physical Review D</i> , 2011, 84, . | 1.6 | 29 |
| 123 | Relativistic jet activity from the tidal disruption of a star by a massive black hole. <i>Nature</i> , 2011, 476, 421-424. | 13.7 | 442 |
| 124 | DETECTION OF HIGH-ENERGY GAMMA-RAY EMISSION DURING THE X-RAY FLARING ACTIVITY IN GRB 100728A. <i>Astrophysical Journal Letters</i> , 2011, 734, L27. | 3.0 | 34 |
| 125 | DETECTION OF A THERMAL SPECTRAL COMPONENT IN THE PROMPT EMISSION OF GRB 100724B. <i>Astrophysical Journal Letters</i> , 2011, 727, L33. | 3.0 | 205 |
| 126 | RADIO AND $\hat{\Gamma}^3$ -RAY CONSTRAINTS ON THE EMISSION GEOMETRY AND BIRTHPLACE OF PSR J2043+2740. <i>Astrophysical Journal</i> , 2011, 728, 77. | 1.6 | 9 |

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|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 127 | $\hat{\gamma}$ -RAY AND PARSEC-SCALE JET PROPERTIES OF A COMPLETE SAMPLE OF BLAZARS FROM THE MOJAVE PROGRAM. <i>Astrophysical Journal</i> , 2011, 742, 27. | 1.6 | 101 |
| 128 | DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259-63/LS 2883 AROUND PERIASTRON WITH <i><i>FERMI</i></i> . <i>Astrophysical Journal Letters</i> , 2011, 736, L11. | 3.0 | 130 |
| 129 | THE RADIO/GAMMA-RAY CONNECTION IN ACTIVE GALACTIC NUCLEI IN THE ERA OF THE <i><i>FERMI</i></i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011, 741, 30. | 1.6 | 113 |
| 130 | CONSTRAINTS ON THE COSMIC-RAY DENSITY GRADIENT BEYOND THE SOLAR CIRCLE FROM <i><i>FERMI</i></i> $\hat{\gamma}$ -RAY OBSERVATIONS OF THE THIRD GALACTIC QUADRANT. <i>Astrophysical Journal</i> , 2011, 726, 81. | 1.6 | 96 |
| 131 | <i><i>FERMI</i></i> LARGE AREA TELESCOPE OBSERVATIONS OF TWO GAMMA-RAY EMISSION COMPONENTS FROM THE QUIESCENT SUN. <i>Astrophysical Journal</i> , 2011, 734, 116. | 1.6 | 98 |
| 132 | DETECTION OF A SPECTRAL BREAK IN THE EXTRA HARD COMPONENT OF GRB 090926A. <i>Astrophysical Journal</i> , 2011, 729, 114. | 1.6 | 179 |
| 133 | THE FIRST <i><i>FERMI</i></i> MULTIFREQUENCY CAMPAIGN ON BL LACERTAE: CHARACTERIZING THE LOW-ACTIVITY STATE OF THE EPONYMOUS BLAZAR. <i>Astrophysical Journal</i> , 2011, 730, 101. | 1.6 | 52 |
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