

Mario N Mazziotta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2072038/publications.pdf>

Version: 2024-02-01

345
papers

42,716
citations

1172

114
h-index

2634

200
g-index

353
all docs

353
docs citations

353
times ranked

15399
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A gamma-ray pulsar timing array constrains the nanohertz gravitational wave background. <i>Science</i> , 2022, 376, 521-523. | 6.0 | 14 |
| 2 | Design of an Antimatter Large Acceptance Detector In Orbit (ALADInO). <i>Instruments</i> , 2022, 6, 19. | 0.8 | 6 |
| 3 | Incremental Fermi Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 53. | 3.0 | 186 |
| 4 | Search for New Cosmic-Ray Acceleration Sites within the 4FGL Catalog Galactic Plane Sources. <i>Astrophysical Journal</i> , 2022, 933, 204. | 1.6 | 3 |
| 5 | FLUKA cross sections for cosmic-ray interactions with the DRAGON2 code. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 008. | 1.9 | 8 |
| 6 | A light tracker based on scintillating fibers with SiPM readout. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2022, 1039, 167040. | 0.7 | 5 |
| 7 | Implications of current nuclear cross sections on secondary cosmic rays with the upcoming DRAGON2 code. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 099. | 1.9 | 28 |
| 8 | High precision particle astrophysics as a new window on the universe with an Antimatter Large Acceptance Detector In Orbit (ALADInO). <i>Experimental Astronomy</i> , 2021, 51, 1299-1330. | 1.6 | 9 |
| 9 | Measurement of the Cosmic Ray Helium Energy Spectrum from 70 GeV to 80 TeV with the DAMPE Space Mission. <i>Physical Review Letters</i> , 2021, 126, 201102. | 2.9 | 66 |
| 10 | Gamma-ray astrophysics in the MeV range. <i>Experimental Astronomy</i> , 2021, 51, 1225-1254. | 1.6 | 22 |
| 11 | Gamma-ray emission from young radio galaxies and quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 4564-4583. | 1.6 | 14 |
| 12 | Fermi Large Area Telescope Performance after 10 Years of Operation. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 12. | 3.0 | 30 |
| 13 | Catalog of Long-term Transient Sources in the First 10 yr of Fermi-LAT Data. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 13. | 3.0 | 7 |
| 14 | First Fermi-LAT Solar Flare Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 13. | 3.0 | 32 |
| 15 | Observations of Forbush Decreases of Cosmic-Ray Electrons and Positrons with the Dark Matter Particle Explorer. <i>Astrophysical Journal Letters</i> , 2021, 920, L43. | 3.0 | 9 |
| 16 | Gamma Rays from Fast Black-hole Winds. <i>Astrophysical Journal</i> , 2021, 921, 144. | 1.6 | 14 |
| 17 | Search for Multi-Coincidence Cosmic Ray Events over Large Distances with the EEE MRPC Telescopes. <i>J</i> , 2021, 4, 838-848. | 0.6 | 1 |
| 18 | Search for dark matter signatures in the gamma-ray emission towards the Sun with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2020, 102, . | 1.6 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Comparison of Proton Shower Developments in the BGO Calorimeter of the Dark Matter Particle Explorer between GEANT4 and FLUKA Simulations*. Chinese Physics Letters, 2020, 37, 119601. | 1.3 | 4 |
| 20 | <i>Fermi</i> Large Area Telescope Fourth Source Catalog. Astrophysical Journal, Supplement Series, 2020, 247, 33. | 3.0 | 817 |
| 21 | Search for dark matter cosmic-ray electrons and positrons from the Sun with the Fermi Large Area Telescope. Physical Review D, 2020, 101, . | 1.6 | 16 |
| 22 | Cosmic-ray interactions with the Sun using the fluka code. Physical Review D, 2020, 101, . | 1.6 | 18 |
| 23 | The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. Astrophysical Journal, 2020, 892, 105. | 1.6 | 204 |
| 24 | Fermi and Swift Observations of GRB 190114C: Tracing the Evolution of High-energy Emission from Prompt to Afterglow. Astrophysical Journal, 2020, 890, 9. | 1.6 | 48 |
| 25 | A Search for Cosmic-Ray Proton Anisotropy with the Fermi Large Area Telescope. Astrophysical Journal, 2019, 883, 33. | 1.6 | 9 |
| 26 | DmpIRFs and DmpST: DAMPE instrument response functions and science tools for gamma-ray data analysis. Research in Astronomy and Astrophysics, 2019, 19, 132. | 0.7 | 8 |
| 27 | Measurement of the cosmic ray proton spectrum from 40 GeV to 100 TeV with the DAMPE satellite. Science Advances, 2019, 5, eaax3793. | 4.7 | 121 |
| 28 | MAGIC and <i>Fermi</i>-LAT gamma-ray results on unassociated HAWC sources. Monthly Notices of the Royal Astronomical Society, 2019, 485, 356-366. | 1.6 | 7 |
| 29 | A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. Astrophysical Journal, 2019, 878, 52. | 1.6 | 152 |
| 30 | Search for features in the cosmic-ray electron and positron spectrum measured by the Fermi Large Area Telescope. Journal of Physics: Conference Series, 2019, 1390, 012062. | 0.3 | 0 |
| 31 | Bright Gamma-Ray Flares Observed in GRB 131108A. Astrophysical Journal Letters, 2019, 886, L33. | 3.0 | 6 |
| 32 | Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. Science Advances, 2018, 4, eaao7228. | 4.7 | 20 |
| 33 | An algorithm to resolve $\hat{\Gamma}^3$-rays from charged cosmic rays with DAMPE. Research in Astronomy and Astrophysics, 2018, 18, 027. | 0.7 | 17 |
| 34 | Unresolved Gamma-Ray Sky through its Angular Power Spectrum. Physical Review Letters, 2018, 121, 241101. | 2.9 | 20 |
| 35 | VERITAS and Fermi-LAT Observations of TeV Gamma-Ray Sources Discovered by HAWC in the 2HWC Catalog. Astrophysical Journal, 2018, 866, 24. | 1.6 | 21 |
| 36 | Search for features in the cosmic-ray electron and positron spectrum measured by the Fermi Large Area Telescope. Physical Review D, 2018, 98, . | 1.6 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Fermi-LAT Observations of LIGO/Virgo Event GW170817. <i>Astrophysical Journal</i> , 2018, 861, 85. | 1.6 | 32 |
| 38 | 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 |
| 39 | Cosmic-ray propagation with DRAGON2: II. Nuclear interactions with the interstellar gas. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 006-006. | 1.9 | 48 |
| 40 | Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, . | 6.0 | 654 |
| 41 | Search for long distance correlations between extensive air showers detected by the EEE network. <i>European Physical Journal Plus</i> , 2018, 133, 1. | 1.2 | 25 |
| 42 | 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 |
| 43 | 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 |
| 44 | Fermi-LAT Observations of High-energy Behind-the-limb Solar Flares. <i>Astrophysical Journal</i> , 2017, 835, 219. | 1.6 | 53 |
| 45 | 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 |
| 46 | 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 |
| 47 | Gamma-Ray Blazars within the First 2 Billion Years. <i>Astrophysical Journal Letters</i> , 2017, 837, L5. | 3.0 | 42 |
| 48 | 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 |
| 49 | The Fermi Galactic Center GeV Excess and Implications for Dark Matter. <i>Astrophysical Journal</i> , 2017, 840, 43. | 1.6 | 264 |
| 50 | The e-ASTROGAM mission. <i>Experimental Astronomy</i> , 2017, 44, 25-82. | 1.6 | 167 |
| 51 | 3FHL: The Third Catalog of Hard Fermi-LAT Sources. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 18. | 3.0 | 227 |
| 52 | Fermi Observations of the LIGO Event GW170104. <i>Astrophysical Journal Letters</i> , 2017, 846, L5. | 3.0 | 15 |
| 53 | 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 |
| 54 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Cosmic-ray electron-positron spectrum from 7ÂGeV to 2ÂTeV with the Fermi Large Area Telescope. Physical Review D, 2017, 95, . | 1.6 | 138 |
| 56 | Measurements of angular distribution and spectrum of transition radiation with a GridPix detector. Journal of Physics: Conference Series, 2017, 934, 012049. | 0.3 | 4 |
| 57 | Test beam studies of possibilities to separate particles with gamma factors above 103with straw based Transition Radiation Detector. Journal of Physics: Conference Series, 2017, 934, 012053. | 0.3 | 4 |
| 58 | A proposal for a nanosatellite for cosmic ray detection. , 2016, , . | | 0 |
| 59 | THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. Astrophysical Journal, Supplement Series, 2016, 224, 8. | 3.0 | 190 |
| 60 | DEVELOPMENT OF THE MODEL OF GALACTIC INTERSTELLAR EMISSION FOR STANDARD POINT-SOURCE ANALYSIS OF FERMI LARGE AREA TELESCOPE DATA. Astrophysical Journal, Supplement Series, 2016, 223, 26. | 3.0 | 313 |
| 61 | FERMI-LAT OBSERVATIONS OF THE LIGO EVENT GW150914. Astrophysical Journal Letters, 2016, 823, L2. | 3.0 | 45 |
| 62 | FERMI LAT STACKING ANALYSIS OF SWIFT LOCALIZED GRBs. Astrophysical Journal, 2016, 822, 68. | 1.6 | 5 |
| 63 | Deep view of the Large Magellanic Cloud with six years of Fermi-LAT observations. Astronomy and Astrophysics, 2016, 586, A71. | 2.1 | 64 |
| 64 | Resolving the Extragalactic γ -Ray Background above 50ÂGeV with the Fermi Large Area Telescope. Physical Review Letters, 2016, 116, 151105. | 2.9 | 130 |
| 65 | FERMI LARGE AREA TELESCOPE DETECTION OF EXTENDED GAMMA-RAY EMISSION FROM THE RADIO GALAXY FORNAX A. Astrophysical Journal, 2016, 826, 1. | 1.6 | 60 |
| 66 | Measurement of the high-energy gamma-ray emission from the Moon with the Fermi Large Area Telescope. Physical Review D, 2016, 93, 082001. | 1.6 | 20 |
| 67 | Search for Spectral Irregularities due to Photonâ€Axionlike-Particle Oscillations with the Fermi Large Area Telescope. Physical Review Letters, 2016, 116, 161101. | 2.9 | 151 |
| 68 | EEE - Extreme Energy Events: an astroparticle physics experiment in Italian High Schools. Journal of Physics: Conference Series, 2016, 718, 082001. | 0.3 | 6 |
| 69 | PANGU: a wide field gamma-ray imager and polarimeter. Proceedings of SPIE, 2016, , . | 0.8 | 7 |
| 70 | Production of secondary particles and nuclei in cosmic rays collisions with the interstellar gas using the FLUKA code. Astroparticle Physics, 2016, 81, 21-38. | 1.9 | 27 |
| 71 | MINUTE-TIMESCALE γ -RAY VARIABILITY DURING THE GIANT OUTBURST OF QUASAR 3C 279 OBSERVED BY FERMI-LAT IN 2015 JUNE. Astrophysical Journal Letters, 2016, 824, L20. | 3.0 | 167 |
| 72 | SEARCH FOR GAMMA-RAY EMISSION FROM THE COMA CLUSTER WITH SIX YEARS OF FERMI-LAT DATA. Astrophysical Journal, 2016, 819, 149. | 1.6 | 88 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | DEEP MORPHOLOGICAL AND SPECTRAL STUDY OF THE SNR RCW 86 WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2016, 819, 98. | 1.6 | 23 |
| 74 | CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. <i>Astrophysical Journal</i> , 2016, 820, 72. | 1.6 | 3 |
| 75 | 2FHL: THE SECOND CATALOG OF HARD FERMI-LAT SOURCES. <i>Astrophysical Journal, Supplement Series</i> , 2016, 222, 5. | 3.0 | 219 |
| 76 | FERMI-LAT OBSERVATIONS OF HIGH-ENERGY γ -RAY EMISSION TOWARD THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2016, 819, 44. | 1.6 | 301 |
| 77 | Experimental verification of the HERD prototype at CERN SPS. <i>Proceedings of SPIE</i> , 2016, , . | 0.8 | 1 |
| 78 | Updated search for spectral lines from Galactic dark matter interactions with pass 8 data from the Fermi Large Area Telescope. <i>Physical Review D</i> , 2015, 91, . | 1.6 | 220 |
| 79 | Searching for Dark Matter Annihilation from Milky Way Dwarf Spheroidal Galaxies with Six Years of Fermi Large Area Telescope Data. <i>Physical Review Letters</i> , 2015, 115, 231301. | 2.9 | 881 |
| 80 | PSR J1906+0722: AN ELUSIVE GAMMA-RAY PULSAR. <i>Astrophysical Journal Letters</i> , 2015, 809, L2. | 3.0 | 18 |
| 81 | An extremely bright gamma-ray pulsar in the Large Magellanic Cloud. <i>Science</i> , 2015, 350, 801-805. | 6.0 | 41 |
| 82 | Looking at the sub-TeV sky with cosmic muons detected in the EEE MRPC telescopes. <i>European Physical Journal Plus</i> , 2015, 130, 1. | 1.2 | 23 |
| 83 | THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2015, 810, 14. | 1.6 | 475 |
| 84 | MULTIWAVELENGTH EVIDENCE FOR QUASI-PERIODIC MODULATION IN THE GAMMA-RAY BLAZAR PG 1553+113. <i>Astrophysical Journal Letters</i> , 2015, 813, L41. | 3.0 | 144 |
| 85 | SEARCH FOR EXTENDED GAMMA-RAY EMISSION FROM THE VIRGO GALAXY CLUSTER WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2015, 812, 159. | 1.6 | 52 |
| 86 | VERY HIGH ENERGY γ -RAYS FROM THE UNIVERSE'S MIDDLE AGE: DETECTION OF THE $z = 0.940$ BLAZAR PKS 1441+25 WITH MAGIC. <i>Astrophysical Journal Letters</i> , 2015, 815, L23. | 3.0 | 78 |
| 87 | GAMMA-RAY FLARING ACTIVITY FROM THE GRAVITATIONALLY LENSED BLAZAR PKS 1830-211 OBSERVED BY FERMI-LAT. <i>Astrophysical Journal</i> , 2015, 799, 143. | 1.6 | 45 |
| 88 | THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100 MeV AND 820 GeV. <i>Astrophysical Journal</i> , 2015, 799, 86. | 1.6 | 556 |
| 89 | FERMI LARGE AREA TELESCOPE THIRD SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2015, 218, 23. | 3.0 | 1,224 |
| 90 | SEARCH FOR EARLY GAMMA-RAY PRODUCTION IN SUPERNOVAE LOCATED IN A DENSE CIRCUMSTELLAR MEDIUM WITH THE FERMI-LAT. <i>Astrophysical Journal</i> , 2015, 807, 169. | 1.6 | 26 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | The Cherenkov Telescope Array potential for the study of young supernova remnants. <i>Astroparticle Physics</i> , 2015, 62, 152-164. | 1.9 | 7 |
| 92 | SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 787, 18. | 1.6 | 123 |
| 93 | MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4C+21.35 DURING THE 2010 FLARING ACTIVITY. <i>Astrophysical Journal</i> , 2014, 786, 157. | 1.6 | 33 |
| 94 | Indirect searches for dark matter with the Fermi LAT instrument. <i>International Journal of Modern Physics A</i> , 2014, 29, 1430030. | 0.5 | 2 |
| 95 | The high energy cosmic-radiation detection (HERD) facility onboard China's Space Station. <i>Proceedings of SPIE</i> , 2014, , . | 0.8 | 41 |
| 96 | Search for 100 MeV to 10 GeV $\tilde{\chi}^0$ -ray lines in the Fermi-LAT data and implications for gravitino dark matter in the \tilde{g} -SSM. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 023-023. | 1.9 | 53 |
| 97 | Inferred Cosmic-Ray Spectrum from Fermi Large Area Telescope $\tilde{\chi}^0$ -Ray Observations of Earth's Limb. <i>Physical Review Letters</i> , 2014, 112, 151103. | 2.9 | 28 |
| 98 | HIGH-ENERGY GAMMA-RAY EMISSION FROM SOLAR FLARES: SUMMARY OF <i>FERMI</i> -LARGE AREA TELESCOPE DETECTIONS AND ANALYSIS OF TWO M-CLASS FLARES. <i>Astrophysical Journal</i> , 2014, 787, 15. | 1.6 | 100 |
| 99 | DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. <i>Astrophysical Journal Letters</i> , 2014, 785, L16. | 3.0 | 38 |
| 100 | Fermi establishes classical novae as a distinct class of gamma-ray sources. <i>Science</i> , 2014, 345, 554-558. | 6.0 | 140 |
| 101 | Dark matter constraints from observations of 25 Milky Way satellite galaxies with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2014, 89, . | 1.6 | 360 |
| 102 | Fermi-LAT Observations of the Gamma-Ray Burst GRB 130427A. <i>Science</i> , 2014, 343, 42-47. | 6.0 | 211 |
| 103 | <i>Fermi</i> -LARGE AREA TELESCOPE OBSERVATIONS OF BLAZAR 3C 279 OCCULTATIONS BY THE SUN. <i>Astrophysical Journal</i> , 2014, 784, 118. | 1.6 | 13 |
| 104 | THE SPECTRUM AND MORPHOLOGY OF THE <i>FERMI</i> -BUBBLES. <i>Astrophysical Journal</i> , 2014, 793, 64. | 1.6 | 239 |
| 105 | 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 |
| 106 | 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 |
| 107 | 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 |
| 108 | PSR J2021+4026 IN THE GAMMA CYGNI REGION: THE FIRST VARIABLE $\tilde{\chi}^0$ -RAY PULSAR SEEN BY THE <i>Fermi</i> -LAT. <i>Astrophysical Journal Letters</i> , 2013, 777, L2. | 3.0 | 62 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USING FERMI LARGE AREA TELESCOPE OBSERVATIONS. <i>Astrophysical Journal</i> , 2013, 773, 77. | 1.6 | 94 |
| 110 | Detection of the Characteristic Pion-Decay Signature in Supernova Remnants. <i>Science</i> , 2013, 339, 807-811. | 6.0 | 591 |
| 111 | Study of H-8500 MaPMT for the FDIRC detector at SuperB. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 718, 563-565. | 0.7 | 0 |
| 112 | A Front-End electronics board for single photo-electron timing and charge from MaPMT. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 718, 208-210. | 0.7 | 1 |
| 113 | A particle identification detector for the forward region of the SuperB experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 718, 557-559. | 0.7 | 2 |
| 114 | Front-end electronics for the SuperB charged particle identification detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 718, 186-188. | 0.7 | 2 |
| 115 | Progress on development of the new FDIRC PID detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 718, 541-545. | 0.7 | 9 |
| 116 | Possible applications of the SiTRD technique in the next generation collider experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 706, 69-72. | 0.7 | 0 |
| 117 | DETERMINATION OF THE POINT-SPREAD FUNCTION FOR THE FERMI 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 |
| 118 | THE SECOND FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 208, 17. | 3.0 | 693 |
| 119 | THE FIRST FERMI -LAT GAMMA-RAY BURST CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2013, 209, 11. | 3.0 | 232 |
| 120 | ASSOCIATING LONG-TERM $\hat{\gamma}$ -RAY VARIABILITY WITH THE SUPERORBITAL PERIOD OF LS I +61 $\hat{\circ}$ 303. <i>Astrophysical Journal Letters</i> , 2013, 773, L35. | 3.0 | 36 |
| 121 | THE FIRST FERMI -LAT CATALOG OF SOURCES ABOVE 10 GeV. <i>Astrophysical Journal, Supplement Series</i> , 2013, 209, 34. | 3.0 | 184 |
| 122 | THE FERMI 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 |
| 123 | MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. <i>Astrophysical Journal</i> , 2013, 763, 71. | 1.6 | 75 |
| 124 | Binary Millisecond Pulsar Discovery via Gamma-Ray Pulsations. <i>Science</i> , 2012, 338, 1314-1317. | 6.0 | 92 |
| 125 | Fermi LAT search for dark matter in gamma-ray lines and the inclusive photon spectrum. <i>Physical Review D</i> , 2012, 86, . | 1.6 | 175 |
| 126 | Measurement of Separate Cosmic-Ray Electron and Positron Spectra with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2012, 108, 011103. | 2.9 | 445 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | The Imprint of the Extragalactic Background Light in the Gamma-Ray Spectra of Blazars. <i>Science</i> , 2012, 338, 1190-1192. | 6.0 | 207 |
| 128 | Periodic Emission from the Gamma-Ray Binary 1FGL J1018.6â€“5856. <i>Science</i> , 2012, 335, 189-193. | 6.0 | 74 |
| 129 | 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 |
| 130 | <i>FERMI</i> LARGE AREA TELESCOPE DETECTION OF THE YOUNG SUPERNOVA REMNANT TYCHO. <i>Astrophysical Journal Letters</i> , 2012, 744, L2. | 3.0 | 132 |
| 131 | Limits on large extra dimensions based on observations of neutron stars with the Fermi-LAT. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 012-012. | 1.9 | 3 |
| 132 | GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012, 755, 164. | 1.6 | 297 |
| 133 | <i>FERMI</i> OBSERVATIONS OF $\hat{\gamma}$ -RAY EMISSION FROM THE MOON. <i>Astrophysical Journal</i> , 2012, 758, 140. | 1.6 | 19 |
| 134 | GAMMA-RAY OBSERVATIONS OF THE ORION MOLECULAR CLOUDS WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012, 756, 4. | 1.6 | 37 |
| 135 | GRB110721A: AN EXTREME PEAK ENERGY AND SIGNATURES OF THE PHOTOSPHERE. <i>Astrophysical Journal Letters</i> , 2012, 757, L31. | 3.0 | 152 |
| 136 | Simultaneous <i>Planck</i>, <i>Swift</i>, and <i>Fermi</i> observations of X-ray and <i> $\hat{\gamma}$ </i>-ray selected blazars. <i>Astronomy and Astrophysics</i> , 2012, 541, A160. | 2.1 | 166 |
| 137 | SEARCH FOR GAMMA-RAY EMISSION FROM X-RAY-SELECTED SEYFERT GALAXIES WITH <i>FERMI</i>-LAT. <i>Astrophysical Journal</i> , 2012, 747, 104. | 1.6 | 45 |
| 138 | <i>FERMI</i> DETECTION OF $\hat{\gamma}$ -RAY EMISSION FROM THE M2 SOFT X-RAY FLARE ON 2010 JUNE 12. <i>Astrophysical Journal</i> , 2012, 745, 144. | 1.6 | 60 |
| 139 | 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 |
| 140 | The cosmic-ray and gas content of the Cygnus region as measured in <i> $\hat{\gamma}$ </i>-rays by the <i>Fermi</i> Large Area Telescope. <i>Astronomy and Astrophysics</i> , 2012, 538, A71. | 2.1 | 46 |
| 141 | <i>FERMI</i>-LAT OBSERVATIONS OF THE DIFFUSE $\hat{\gamma}$ -RAY EMISSION: IMPLICATIONS FOR COSMIC RAYS AND THE INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2012, 750, 3. | 1.6 | 535 |
| 142 | MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , 2012, 751, 159. | 1.6 | 54 |
| 143 | SEARCH FOR DARK MATTER SATELLITES USING <i>FERMI</i>-LAT. <i>Astrophysical Journal</i> , 2012, 747, 121. | 1.6 | 130 |
| 144 | A model-independent analysis of the Fermi Large Area Telescope gamma-ray data from the Milky Way dwarf galaxies and halo to constrain dark matter scenarios. <i>Astroparticle Physics</i> , 2012, 37, 26-39. | 1.9 | 45 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Publisher's Note: Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT [Phys. Rev. D85, 083007 (2012)]. Physical Review D, 2012, 85, . | 1.6 | 14 |
| 146 | CONSTRAINING THE HIGH-ENERGY EMISSION FROM GAMMA-RAY BURSTS WITH <i>FERMI</i> . Astrophysical Journal, 2012, 754, 121. | 1.6 | 14 |
| 147 | Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT. Physical Review D, 2012, 85, . | 1.6 | 87 |
| 148 | CONSTRAINTS ON THE GALACTIC HALO DARK MATTER FROM <i>FERMI</i> -LAT DIFFUSE MEASUREMENTS. Astrophysical Journal, 2012, 761, 91. | 1.6 | 186 |
| 149 | <i>FERMI</i> LARGE AREA TELESCOPE STUDY OF COSMIC RAYS AND THE INTERSTELLAR MEDIUM IN NEARBY MOLECULAR CLOUDS. Astrophysical Journal, 2012, 755, 22. | 1.6 | 52 |
| 150 | <i>FERMI</i> LARGE AREA TELESCOPE SECOND SOURCE CATALOG. Astrophysical Journal, Supplement Series, 2012, 199, 31. | 3.0 | 1,079 |
| 151 | GAMMA-RAY ACTIVITY IN THE CRAB NEBULA: THE EXCEPTIONAL FLARE OF 2011 APRIL. Astrophysical Journal, 2012, 749, 26. | 1.6 | 159 |
| 152 | <i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT G8.7 $\hat{=}$ 0.1. Astrophysical Journal, 2012, 744, 80. | 1.6 | 48 |
| 153 | In-flight measurement of the absolute energy scale of the Fermi Large Area Telescope. Astroparticle Physics, 2012, 35, 346-353. | 1.9 | 27 |
| 154 | Constraints on dark matter models from a Fermi LAT search for high-energy cosmic-ray electrons from the Sun. Physical Review D, 2011, 84, . | 1.6 | 29 |
| 155 | A comparative study on comb electrodes devices made of MWPECVD diamond films grown on p-doped and intrinsic silicon substrate. Diamond and Related Materials, 2011, 20, 1005-1009. | 1.8 | 0 |
| 156 | DETECTION OF HIGH-ENERGY GAMMA-RAY EMISSION DURING THE X-RAY FLARING ACTIVITY IN GRB 100728A. Astrophysical Journal Letters, 2011, 734, L27. | 3.0 | 34 |
| 157 | <i>Planck</i> early results. XV. Spectral energy distributions and radio continuum spectra of northern extragalactic radio sources. Astronomy and Astrophysics, 2011, 536, A15. | 2.1 | 93 |
| 158 | RADIO AND $\hat{\gamma}$ -RAY CONSTRAINTS ON THE EMISSION GEOMETRY AND BIRTHPLACE OF PSR J2043+2740. Astrophysical Journal, 2011, 728, 77. | 1.6 | 9 |
| 159 | OBSERVATIONS OF THE YOUNG SUPERNOVA REMNANT RX J1713.7 $\hat{=}$ 3946 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. Astrophysical Journal, 2011, 734, 28. | 1.6 | 209 |
| 160 | $\hat{\gamma}$ -RAY AND PARSEC-SCALE JET PROPERTIES OF A COMPLETE SAMPLE OF BLAZARS FROM THE MOJAVE PROGRAM. Astrophysical Journal, 2011, 742, 27. | 1.6 | 101 |
| 161 | DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259 $\hat{=}$ 63/LS 2883 AROUND PERIASTRON WITH <i>FERMI</i> . Astrophysical Journal Letters, 2011, 736, L11. | 3.0 | 130 |
| 162 | <i>FERMI</i> -LAT SEARCH FOR PULSAR WIND NEBULAE AROUND GAMMA-RAY PULSARS. Astrophysical Journal, 2011, 726, 35. | 1.6 | 60 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | THE RADIO/GAMMA-RAY CONNECTION IN ACTIVE GALACTIC NUCLEI IN THE ERA OF THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011, 741, 30. | 1.6 | 113 |
| 164 | MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER. <i>Astrophysical Journal</i> , 2011, 726, 43. | 1.6 | 70 |
| 165 | CONSTRAINTS ON THE COSMIC-RAY DENSITY GRADIENT BEYOND THE SOLAR CIRCLE FROM <i>FERMI</i> $\hat{\gamma}$ -RAY OBSERVATIONS OF THE THIRD GALACTIC QUADRANT. <i>Astrophysical Journal</i> , 2011, 726, 81. | 1.6 | 96 |
| 166 | <i>FERMI</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 |
| 167 | DETECTION OF A SPECTRAL BREAK IN THE EXTRA HARD COMPONENT OF GRB 090926A. <i>Astrophysical Journal</i> , 2011, 729, 114. | 1.6 | 179 |
| 168 | Simultaneous multi-wavelength campaign on PKS 2005-489 in a high state. <i>Astronomy and Astrophysics</i> , 2011, 533, A110. | 2.1 | 18 |
| 169 | THE FIRST <i>FERMI</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 |
| 170 | <i>FERMI</i> <i>GAMMA-RAY SPACE TELESCOPE</i> OBSERVATIONS OF THE GAMMA-RAY OUTBURST FROM 3C454.3 IN NOVEMBER 2010. <i>Astrophysical Journal Letters</i> , 2011, 733, L26. | 3.0 | 170 |
| 171 | A Cocoon of Freshly Accelerated Cosmic Rays Detected by Fermi in the Cygnus Superbubble. <i>Science</i> , 2011, 334, 1103-1107. | 6.0 | 217 |
| 172 | Implications of the cosmic ray electron spectrum and anisotropy measured with Fermi-LAT. <i>Astroparticle Physics</i> , 2011, 34, 528-538. | 1.9 | 47 |
| 173 | Possible interpretations of the high energy cosmic ray electron spectrum measured with the Fermi space telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 630, 48-51. | 0.7 | 4 |
| 174 | A Bayesian approach to evaluate confidence intervals in counting experiments with background. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 646, 167-173. | 0.7 | 11 |
| 175 | INSIGHTS INTO THE HIGH-ENERGY $\hat{\gamma}$ -RAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THE <i>FERMI</i> ERA. <i>Astrophysical Journal</i> , 2011, 727, 129. | 1.6 | 185 |
| 176 | <i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION. <i>Astrophysical Journal</i> , 2011, 736, 131. | 1.6 | 261 |
| 177 | Constraining Dark Matter Models from a Combined Analysis of Milky Way Satellites with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2011, 107, 241302. | 2.9 | 465 |
| 178 | Gamma-Ray Flares from the Crab Nebula. <i>Science</i> , 2011, 331, 739-742. | 6.0 | 297 |
| 179 | Fermi Detection of a Luminous $\hat{\gamma}$ -Ray Pulsar in a Globular Cluster. <i>Science</i> , 2011, 334, 1107-1110. | 6.0 | 65 |
| 180 | THE SECOND CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011, 743, 171. | 1.6 | 525 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | THE FIRST <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2010, 187, 460-494. | 3.0 | 396 |
| 182 | Observations of the Large Magellanic Cloud with <i>Fermi</i> . <i>Astronomy and Astrophysics</i> , 2010, 512, A7. | 2.1 | 106 |
| 183 | GAMMA-RAY AND RADIO PROPERTIES OF SIX PULSARS DETECTED BY THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 708, 1426-1441. | 1.6 | 56 |
| 184 | <i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA-X PULSAR WIND NEBULA. <i>Astrophysical Journal</i> , 2010, 713, 146-153. | 1.6 | 64 |
| 185 | THE FIRST CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 715, 429-457. | 1.6 | 415 |
| 186 | A population of gamma-ray emitting globular clusters seen with the <i>Fermi</i> Large Area Telescope. <i>Astronomy and Astrophysics</i> , 2010, 524, A75. | 2.1 | 129 |
| 187 | <i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF GAMMA-RAY PULSARS PSR J1057a+5226, J1709a+4429, AND J1952+3252. <i>Astrophysical Journal</i> , 2010, 720, 26-40. | 1.6 | 24 |
| 188 | <i>FERMI</i> -LAT OBSERVATIONS OF THE GEMINGA PULSAR. <i>Astrophysical Journal</i> , 2010, 720, 272-283. | 1.6 | 57 |
| 189 | THE <i>FERMI</i> -LAT HIGH-LATITUDE SURVEY: SOURCE COUNT DISTRIBUTIONS AND THE ORIGIN OF THE EXTRAGALACTIC DIFFUSE BACKGROUND. <i>Astrophysical Journal</i> , 2010, 720, 435-453. | 1.6 | 179 |
| 190 | SEARCH FOR GAMMA-RAY EMISSION FROM MAGNETARS WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal Letters</i> , 2010, 725, L73-L78. | 3.0 | 42 |
| 191 | GAMMA-RAY LIGHT CURVES AND VARIABILITY OF BRIGHT <i>FERMI</i> -DETECTED BLAZARS. <i>Astrophysical Journal</i> , 2010, 722, 520-542. | 1.6 | 292 |
| 192 | <i>Fermi</i> Large Area Telescope observations of Local Group galaxies: detection of M31 and search for M33. <i>Astronomy and Astrophysics</i> , 2010, 523, L2. | 2.1 | 94 |
| 193 | DISCOVERY OF VERY HIGH ENERGY GAMMA RAYS FROM PKS 1424+240 AND MULTIWAVELENGTH CONSTRAINTS ON ITS REDSHIFT. <i>Astrophysical Journal Letters</i> , 2010, 708, L100-L106. | 3.0 | 66 |
| 194 | OBSERVATION OF SUPERNOVA REMNANT IC443 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 712, 459-468. | 1.6 | 203 |
| 195 | <i>FERMI</i> DETECTION OF DELAYED GeV EMISSION FROM THE SHORT GAMMA-RAY BURST 081024B. <i>Astrophysical Journal</i> , 2010, 712, 558-564. | 1.6 | 54 |
| 196 | DETECTION OF THE ENERGETIC PULSAR PSR B1509a+58 AND ITS PULSAR WIND NEBULA IN MSH 15a+52 USING THE <i>FERMI</i> -LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 714, 927-936. | 1.6 | 72 |
| 197 | <i>FERMI</i> -LARGE AREA TELESCOPE OBSERVATIONS OF THE EXCEPTIONAL GAMMA-RAY OUTBURSTS OF 3C 273 IN 2009 SEPTEMBER. <i>Astrophysical Journal Letters</i> , 2010, 714, L73-L78. | 3.0 | 49 |
| 198 | DETECTION OF GAMMA-RAY EMISSION FROM THE STARBURST GALAXIES M82 AND NGC 253 WITH THE LARGE AREA TELESCOPE ON <i>FERMI</i> . <i>Astrophysical Journal Letters</i> , 2010, 709, L152-L157. | 3.0 | 179 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 199 | GeV GAMMA-RAY FLUX UPPER LIMITS FROM CLUSTERS OF GALAXIES. <i>Astrophysical Journal Letters</i> , 2010, 717, L71-L78. | 3.0 | 140 |
| 200 | <i>SWIFT</i> AND <i>FERMI</i> OBSERVATIONS OF THE EARLY AFTERGLOW OF THE SHORT GAMMA-RAY BURST 090510. <i>Astrophysical Journal Letters</i> , 2010, 709, L146-L151. | 3.0 | 130 |
| 201 | <i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE CRAB PULSAR AND NEBULA. <i>Astrophysical Journal</i> , 2010, 708, 1254-1267. | 1.6 | 237 |
| 202 | DISCOVERY OF PULSED \hat{I}^3 -RAYS FROM PSR J0034â€“0534 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE: A CASE FOR CO-LOCATED RADIO AND \hat{I}^3 -RAY EMISSION REGIONS. <i>Astrophysical Journal</i> , 2010, 712, 957-963. | 1.6 | 47 |
| 203 | <i>FERMI</i> LARGE AREA TELESCOPE VIEW OF THE CORE OF THE RADIO GALAXY CENTAURUS A. <i>Astrophysical Journal</i> , 2010, 719, 1433-1444. | 1.6 | 141 |
| 204 | PSR J1907+0602: A RADIO-FAINT GAMMA-RAY PULSAR POWERING A BRIGHT TeV PULSAR WIND NEBULA. <i>Astrophysical Journal</i> , 2010, 711, 64-74. | 1.6 | 72 |
| 205 | <i>FERMI</i> -LAT DISCOVERY OF GeV GAMMA-RAY EMISSION FROM THE YOUNG SUPERNOVA REMNANT CASSIOPEIA A. <i>Astrophysical Journal Letters</i> , 2010, 710, L92-L97. | 3.0 | 149 |
| 206 | PKS 1502+106: A NEW AND DISTANT GAMMA-RAY BLAZAR IN OUTBURST DISCOVERED BY THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2010, 710, 810-827. | 1.6 | 87 |
| 207 | <i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF PSR J1836+5925. <i>Astrophysical Journal</i> , 2010, 712, 1209-1218. | 1.6 | 33 |
| 208 | <i>SUZAKU</i> OBSERVATIONS OF LUMINOUS QUASARS: REVEALING THE NATURE OF HIGH-ENERGY BLAZAR EMISSION IN LOW-LEVEL ACTIVITY STATES. <i>Astrophysical Journal</i> , 2010, 716, 835-849. | 1.6 | 23 |
| 209 | <i>FERMI</i> -LAT STUDY OF GAMMA-RAY EMISSION IN THE DIRECTION OF SUPERNOVA REMNANT W49B. <i>Astrophysical Journal</i> , 2010, 722, 1303-1311. | 1.6 | 89 |
| 210 | <i>FERMI</i> LARGE AREA TELESCOPE OBSERVATION OF A GAMMA-RAY SOURCE AT THE POSITION OF ETA CARINAE. <i>Astrophysical Journal</i> , 2010, 723, 649-657. | 1.6 | 67 |
| 211 | OBSERVATIONS OF MILKY WAY DWARF SPHEROIDAL GALAXIES WITH THE <i>FERMI</i> -LARGE AREA TELESCOPE DETECTOR AND CONSTRAINTS ON DARK MATTER MODELS. <i>Astrophysical Journal</i> , 2010, 712, 147-158. | 1.6 | 243 |
| 212 | THE VELA PULSAR: RESULTS FROM THE FIRST YEAR OF <i>FERMI</i> -LAT OBSERVATIONS. <i>Astrophysical Journal</i> , 2010, 713, 154-165. | 1.6 | 96 |
| 213 | <i>FERMI</i> OBSERVATIONS OF CASSIOPEIA AND CEPHEUS: DIFFUSE GAMMA-RAY EMISSION IN THE OUTER GALAXY. <i>Astrophysical Journal</i> , 2010, 710, 133-149. | 1.6 | 172 |
| 214 | <i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT W28 (G6.4â€“0.1). <i>Astrophysical Journal</i> , 2010, 718, 348-356. | 1.6 | 180 |
| 215 | <i>FERMI</i> OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 090217A. <i>Astrophysical Journal Letters</i> , 2010, 717, L127-L132. | 3.0 | 26 |
| 216 | SPECTRAL PROPERTIES OF BRIGHT <i>FERMI</i> -DETECTED BLAZARS IN THE GAMMA-RAY BAND. <i>Astrophysical Journal</i> , 2010, 710, 1271-1285. | 1.6 | 166 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 217 | <i>FERMI</i>LARGE AREA TELESCOPE OBSERVATIONS OF MISALIGNED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2010, 720, 912-922. | 1.6 | 148 |
| 218 | <i>FERMI GAMMA-RAY SPACE TELESCOPE</i>OBSERVATIONS OF GAMMA-RAY OUTBURSTS FROM 3C 454.3 IN 2009 DECEMBER AND 2010 APRIL. <i>Astrophysical Journal</i> , 2010, 721, 1383-1396. | 1.6 | 134 |
| 219 | <i>FERMI</i>LARGE AREA TELESCOPE AND MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING ACTIVITY OF PKS 1510-089 BETWEEN 2008 SEPTEMBER AND 2009 JUNE. <i>Astrophysical Journal</i> , 2010, 721, 1425-1447. | 1.6 | 99 |
| 220 | Characterization of polycrystalline diamond films grown by Microwave Plasma Enhanced Chemical Vapor Deposition (MWPECVD) for UV radiation detection. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 617, 405-406. | 0.7 | 2 |
| 221 | Particle identification by means of channeling radiation in high collimated beams. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 617, 402-404. | 0.7 | 3 |
| 222 | A change in the optical polarization associated with a γ -ray flare in the blazar 3C 454.3. <i>Nature</i> , 2010, 463, 919-923. | 13.7 | 269 |
| 223 | <i>FERMI</i>OBSERVATIONS OF THE VERY HARD GAMMA-RAY BLAZAR PG 1553+113. <i>Astrophysical Journal</i> , 2010, 708, 1310-1320. | 1.6 | 42 |
| 224 | Fermi Gamma-Ray Imaging of a Radio Galaxy. <i>Science</i> , 2010, 328, 725-729. | 6.0 | 187 |
| 225 | Gamma-Ray Emission from the Shell of Supernova Remnant W44 Revealed by the Fermi LAT. <i>Science</i> , 2010, 327, 1103-1106. | 6.0 | 220 |
| 226 | THE SPECTRAL ENERGY DISTRIBUTION OF<i>FERMI</i>BRIGHT BLAZARS. <i>Astrophysical Journal</i> , 2010, 716, 30-70. | 1.6 | 741 |
| 227 | Gamma-Ray Emission Concurrent with the Nova in the Symbiotic Binary V407 Cygni. <i>Science</i> , 2010, 329, 817-821. | 6.0 | 165 |
| 228 | Constraints on cosmological dark matter annihilation from the Fermi-LAT isotropic diffuse gamma-ray measurement. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 014-014. | 1.9 | 129 |
| 229 | FERMI LARGE AREA TELESCOPE FIRST SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2010, 188, 405-436. | 3.0 | 851 |
| 230 | Spectrum of the Isotropic Diffuse Gamma-Ray Emission Derived from First-Year Fermi Large Area Telescope Data. <i>Physical Review Letters</i> , 2010, 104, 101101. | 2.9 | 433 |
| 231 | Fermi Large Area Telescope Search for Photon Lines from 30 to 200 GeV and Dark Matter Implications. <i>Physical Review Letters</i> , 2010, 104, 091302. | 2.9 | 166 |
| 232 | <i>FERMI</i>LARGE AREA TELESCOPE CONSTRAINTS ON THE GAMMA-RAY OPACITY OF THE UNIVERSE. <i>Astrophysical Journal</i> , 2010, 723, 1082-1096. | 1.6 | 106 |
| 233 | Observation of the Crab Pulsar and Nebula with the Fermi Large Area Telescope. , 2010, , . | | 0 |
| 234 | Fermi and multifrequency observations of blazars. , 2010, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 235 | <i>FERMI</i> OBSERVATIONS OF GRB 090510: A SHORT-HARD GAMMA-RAY BURST WITH AN ADDITIONAL, HARD POWER-LAW COMPONENT FROM 10 keV TO GeV ENERGIES. <i>Astrophysical Journal</i> , 2010, 716, 1178-1190. | 1.6 | 306 |
| 236 | THE DISCOVERY OF $\hat{\nu}$ -RAY EMISSION FROM THE BLAZAR RGB J0710+591. <i>Astrophysical Journal Letters</i> , 2010, 715, L49-L55. | 3.0 | 72 |
| 237 | Detection of the Small Magellanic Cloud in gamma-rays with $\hat{\nu}$ <i>Fermi</i>/LAT. <i>Astronomy and Astrophysics</i> , 2010, 523, A46. | 2.1 | 70 |
| 238 | Searches for cosmic-ray electron anisotropies with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2010, 82, . | 1.6 | 64 |
| 239 | Fermi LAT observations of cosmic-ray electrons from 7 $\hat{\nu}$ GeV to 1 $\hat{\nu}$ TeV. <i>Physical Review D</i> , 2010, 82, . | 1.6 | 276 |
| 240 | Constraints on dark matter annihilation in clusters of galaxies with the Fermi large area telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 025-025. | 1.9 | 145 |
| 241 | BRIGHT ACTIVE GALACTIC NUCLEI SOURCE LIST FROM THE FIRST THREE MONTHS OF THE <i>FERMI</i> LARGE AREA TELESCOPE ALL-SKY SURVEY. <i>Astrophysical Journal</i> , 2009, 700, 597-622. | 1.6 | 349 |
| 242 | <i>FERMI</i> OBSERVATIONS OF TeV-SELECTED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009, 707, 1310-1333. | 1.6 | 114 |
| 243 | PULSED GAMMA-RAYS FROM PSR J2021+3651 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009, 700, 1059-1066. | 1.6 | 44 |
| 244 | SIMULTANEOUS OBSERVATIONS OF PKS 2155 $\hat{\nu}$ 304 WITH HESS, <i>FERMI</i> , <i>RXTE</i> , AND ATOM: SPECTRAL ENERGY DISTRIBUTIONS AND VARIABILITY IN A LOW STATE. <i>Astrophysical Journal</i> , 2009, 696, L150-L155. | 1.6 | 144 |
| 245 | DISCOVERY OF PULSED $\hat{\nu}$ -RAYS FROM THE YOUNG RADIO PULSAR PSR J1028 $\hat{\nu}$ 5819 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009, 695, L72-L77. | 1.6 | 31 |
| 246 | <i>FERMI</i>/LARGE AREA TELESCOPE DISCOVERY OF GAMMA-RAY EMISSION FROM THE FLAT-SPECTRUM RADIO QUASAR PKS 1454 $\hat{\nu}$ 354. <i>Astrophysical Journal</i> , 2009, 697, 934-941. | 1.6 | 37 |
| 247 | DISCOVERY OF PULSATIONS FROM THE PULSAR J0205+6449 IN SNR 3C 58 WITH THE <i>FERMI</i> GAMMA-RAY SPACE TELESCOPE</i>. <i>Astrophysical Journal</i> , 2009, 699, L102-L107. | 1.6 | 34 |
| 248 | <i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA PULSAR. <i>Astrophysical Journal</i> , 2009, 696, 1084-1093. | 1.6 | 120 |
| 249 | PULSED GAMMA RAYS FROM THE MILLISECOND PULSAR J0030+0451 WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009, 699, 1171-1177. | 1.6 | 38 |
| 250 | <i>FERMI</i>/LARGE AREA TELESCOPE DISCOVERY OF GAMMA-RAY EMISSION FROM A RELATIVISTIC JET IN THE NARROW-LINE QUASAR PMN J0948+0022. <i>Astrophysical Journal</i> , 2009, 699, 976-984. | 1.6 | 161 |
| 251 | EARLY FERMI GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF THE QUASAR 3C 454.3. <i>Astrophysical Journal</i> , 2009, 699, 817-823. | 1.6 | 141 |
| 252 | <i>FERMI</i> LARGE AREA TELESCOPE GAMMA-RAY DETECTION OF THE RADIO GALAXY M87. <i>Astrophysical Journal</i> , 2009, 707, 55-60. | 1.6 | 153 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 253 | <i>FERMI</i> OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 080825C. <i>Astrophysical Journal</i> , 2009, 707, 580-592. | 1.6 | 56 |
| 254 | Fermi Large Area Telescope Measurements of the Diffuse Gamma-Ray Emission at Intermediate Galactic Latitudes. <i>Physical Review Letters</i> , 2009, 103, 251101. | 2.9 | 133 |
| 255 | FERMI/LARGE AREA TELESCOPE BRIGHT GAMMA-RAY SOURCE LIST. <i>Astrophysical Journal, Supplement Series</i> , 2009, 183, 46-66. | 3.0 | 394 |
| 256 | <i>FERMI</i> LAT OBSERVATION OF DIFFUSE GAMMA RAYS PRODUCED THROUGH INTERACTIONS BETWEEN LOCAL INTERSTELLAR MATTER AND HIGH-ENERGY COSMIC RAYS. <i>Astrophysical Journal</i> , 2009, 703, 1249-1256. | 1.6 | 99 |
| 257 | <i>FERMI</i> LARGE AREA TELESCOPE DETECTION OF PULSED $\hat{1}^3$ -RAYS FROM THE VELA-LIKE PULSARS PSR J1048â€“5832 AND PSR J2229+6114. <i>Astrophysical Journal</i> , 2009, 706, 1331-1340. | 1.6 | 41 |
| 258 | Fermi Observations of High-Energy Gamma-Ray Emission from GRB 080916C. <i>Science</i> , 2009, 323, 1688-1693. | 6.0 | 523 |
| 259 | Detection of High-Energy Gamma-Ray Emission from the Globular Cluster 47 Tucanae with Fermi. <i>Science</i> , 2009, 325, 845-848. | 6.0 | 80 |
| 260 | The on-orbit calibration of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2009, 32, 193-219. | 1.9 | 123 |
| 261 | A limit on the variation of the speed of light arising from quantum gravity effects. <i>Nature</i> , 2009, 462, 331-334. | 13.7 | 454 |
| 262 | On possible interpretations of the high energy electronâ€“positron spectrum measured by the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2009, 32, 140-151. | 1.9 | 221 |
| 263 | Fermi large area telescope observations of the cosmic-ray induced $\hat{1}^3$ -ray emission of the Earthâ€™s atmosphere. <i>Physical Review D</i> , 2009, 80, . | 1.6 | 57 |
| 264 | Modulated High-Energy Gamma-Ray Emission from the Microquasar Cygnus X-3. <i>Science</i> , 2009, 326, 1512-1516. | 6.0 | 193 |
| 265 | Measurement of the Cosmic Ray e^+e^- from 20AGeV to 1ATeV with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2009, 102, 181101. | 6.0 | 274 |
| 266 | A Population of Gamma-Ray Millisecond Pulsars Seen with the Fermi Large Area Telescope. <i>Science</i> , 2009, 325, 848-852. | 6.0 | 190 |
| 267 | Detection of 16 Gamma-Ray Pulsars Through Blind Frequency Searches Using the Fermi LAT. <i>Science</i> , 2009, 325, 840-844. | 6.0 | 264 |
| 268 | PROSPECTS FOR GRB SCIENCE WITH THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009, 701, 1673-1694. | 1.6 | 44 |
| 269 | THE LARGE AREA TELESCOPE ON THE <i>FERMI</i> GAMMA-RAY SPACE TELESCOPE <i>MISSION</i>. <i>Astrophysical Journal</i> , 2009, 697, 1071-1102. | 1.6 | 3,048 |
| 270 | <i>FERMI</i> OBSERVATIONS OF GRB 090902B: A DISTINCT SPECTRAL COMPONENT IN THE PROMPT AND DELAYED EMISSION. <i>Astrophysical Journal</i> , 2009, 706, L138-L144. | 1.6 | 364 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 271 | <i>FERMI</i> LAT OBSERVATIONS OF LS I +61°303: FIRST DETECTION OF AN ORBITAL MODULATION IN GeV GAMMA RAYS. <i>Astrophysical Journal</i> , 2009, 701, L123-L128. | 1.6 | 119 |
| 272 | <i>FERMI</i> /LAT OBSERVATIONS OF LS 5039. <i>Astrophysical Journal</i> , 2009, 706, L56-L61. | 1.6 | 119 |
| 273 | <i>FERMI</i> DISCOVERY OF GAMMA-RAY EMISSION FROM NGC 1275. <i>Astrophysical Journal</i> , 2009, 699, 31-39. | 1.6 | 165 |
| 274 | MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY. <i>Astrophysical Journal</i> , 2009, 707, 727-737. | 1.6 | 81 |
| 275 | <i>FERMI</i> LAT DISCOVERY OF EXTENDED GAMMA-RAY EMISSION IN THE DIRECTION OF SUPERNOVA REMNANT W51C. <i>Astrophysical Journal</i> , 2009, 706, L1-L6. | 1.6 | 216 |
| 276 | RADIO-LOUD NARROW-LINE SEYFERT 1 AS A NEW CLASS OF GAMMA-RAY ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009, 707, L142-L147. | 1.6 | 230 |
| 277 | Electron hole pair creation energy and Fano factor temperature dependence in silicon. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008, 584, 436-439. | 0.7 | 65 |
| 278 | Environmental tests of the flight GLAST LAT tracker towers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008, 584, 358-373. | 0.7 | 3 |
| 279 | The Fermi Gamma-Ray Space Telescope Discovers the Pulsar in the Young Galactic Supernova Remnant CTA 1. <i>Science</i> , 2008, 322, 1218-1221. | 6.0 | 87 |
| 280 | Preliminary results of the LAT Calibration Unit beam tests. <i>AIP Conference Proceedings</i> , 2007, , . | 0.3 | 9 |
| 281 | Design and initial tests of the Tracker-converter of the Gamma-ray Large Area Space Telescope. <i>Astroparticle Physics</i> , 2007, 28, 422-434. | 1.9 | 46 |
| 282 | The GLAST LAT tracker construction and test. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 570, 276-280. | 0.7 | 4 |
| 283 | Beam test results with a reduced scale Silicon Transition Radiation Detector prototype. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 577, 519-522. | 0.7 | 4 |
| 284 | Construction, test and calibration of the GLAST silicon tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 583, 9-13. | 0.7 | 5 |
| 285 | The silicon transition radiation detector: Performance and perspectives. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 572, 440-443. | 0.7 | 2 |
| 286 | Study of the transition radiation yield produced by fast electrons with a silicon strip detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 563, 385-387. | 0.7 | 0 |
| 287 | A full Monte Carlo Simulation code for silicon strip detectors. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006, 150, 58-61. | 0.5 | 1 |
| 288 | GLAST LAT tracker signal simulation and trigger timing study. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006, 150, 66-69. | 0.5 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 289 | Thermal Performance of the GLAST LAT Tracker. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 235-238. | 0.5 | 0 |
| 290 | Particle identification with the Silicon Transition Radiation Detector (SiTRD): State of art and future perspectives. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 563, 388-391. | 0.7 | 1 |
| 291 | GLAST LAT Full Simulation. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 62-65. | 0.5 | 3 |
| 292 | A Silicon Transition Radiation Detector for space and accelerator applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 564, 115-125. | 0.7 | 6 |
| 293 | <title>Transition radiation detectors: state of art and new developments</title> . , 2005, , . | | 0 |
| 294 | Investigation of the transition radiation produced by fast electrons crossing multifoil and fiber radiators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 550, 157-168. | 0.7 | 12 |
| 295 | UNDERGROUND MUON ENERGY SPECTRA WITH THE MACRO TRD. International Journal of Modern Physics A, 2005, 20, 6968-6970. | 0.5 | 0 |
| 296 | Measurements of atmospheric muon neutrino oscillations, global analysis of the data collected with MACRO detector. European Physical Journal C, 2004, 36, 323-339. | 1.4 | 100 |
| 297 | Search for stellar gravitational collapses with the MACRO detector. European Physical Journal C, 2004, 37, 265-272. | 1.4 | 9 |
| 298 | The cosmic ray primary composition between 1015 and 1016 eV from Extensive Air Showers electromagnetic and TeV muon data. Astroparticle Physics, 2004, 20, 641-652. | 1.9 | 71 |
| 299 | The cosmic ray proton, helium and CNO fluxes in the 100 TeV energy region from TeV muons and EAS atmospheric Cherenkov light observations of MACRO and EAS-TOP. Astroparticle Physics, 2004, 21, 223-240. | 1.9 | 47 |
| 300 | Test beam results for a Silicon TRD (SiTRD) prototype. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 522, 148-152. | 0.7 | 3 |
| 301 | Perspectives on the performance of a multilayer Silicon TRD (SiTRD). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 522, 153-156. | 0.7 | 1 |
| 302 | A new Monte Carlo code for full simulation of silicon strip detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 533, 322-343. | 0.7 | 32 |
| 303 | A silicon spectrometer for transition radiation detection for space applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 514, 194-199. | 0.7 | 1 |
| 304 | Moon and Sun shadowing effect in the MACRO detector. Astroparticle Physics, 2003, 20, 145-156. | 1.9 | 29 |
| 305 | Atmospheric neutrino oscillations from upward throughgoing muon multiple scattering in MACRO. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 566, 35-44. | 1.5 | 97 |
| 306 | Search for cosmic ray sources using muons detected by the MACRO experiment. Astroparticle Physics, 2003, 18, 615-627. | 1.9 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 307 | Search for diffuse neutrino flux from astrophysical sources with MACRO. <i>Astroparticle Physics</i> , 2003, 19, 1-13. | 1.9 | 35 |
| 308 | Measurement of the residual energy of muons in the Gran Sasso underground laboratories. <i>Astroparticle Physics</i> , 2003, 19, 313-328. | 1.9 | 32 |
| 309 | Search for the sidereal and solar diurnal modulations in the total MACRO muon data set. <i>Physical Review D</i> , 2003, 67, . | 1.6 | 52 |
| 310 | A combined analysis technique for the search for fast magnetic monopoles with the MACRO detector. <i>Astroparticle Physics</i> , 2002, 18, 27-41. | 1.9 | 9 |
| 311 | The GLAST tracker design and construction. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002, 113, 303-309. | 0.5 | 11 |
| 312 | Evaluation of candidate photomultiplier tubes for the NOE scintillating fiber calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 483, 660-669. | 0.7 | 1 |
| 313 | The MACRO detector at Gran Sasso. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 486, 663-707. | 0.7 | 60 |
| 314 | Muon energy estimate through multiple scattering with the MACRO detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 492, 376-386. | 0.7 | 18 |
| 315 | Search for nucleon decays induced by GUT magnetic monopoles with the MACRO experiment. <i>European Physical Journal C</i> , 2002, 26, 163-172. | 1.4 | 28 |
| 316 | Final results of magnetic monopole searches with the MACRO experiment. <i>European Physical Journal C</i> , 2002, 25, 511-522. | 1.4 | 158 |
| 317 | Neutrino Astronomy with the MACRO Detector. <i>Astrophysical Journal</i> , 2001, 546, 1038-1054. | 1.6 | 65 |
| 318 | Matter effects in upward-going muons and sterile neutrino oscillations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 517, 59-66. | 1.5 | 151 |
| 319 | The NOE scintillating fiber calorimeter prototype test results. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 456, 259-271. | 0.7 | 4 |
| 320 | Wavelength-shifting fibers for calorimetric measurements in a long base line neutrino oscillation experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 457, 447-453. | 0.7 | 2 |
| 321 | A transition radiation detector interleaved with low-density targets for the NOE experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 459, 108-122. | 0.7 | 2 |
| 322 | R&D results from the NOE scintillating fiber calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 459, 123-134. | 0.7 | 6 |
| 323 | A fast transition radiation detector for first-level triggering. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 461, 556-559. | 0.7 | 0 |
| 324 | Performance of a magnetized calorimeter for a long baseline neutrino oscillation experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 474, 224-237. | 0.7 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 325 | A Monte Carlo code for full simulation of a transition radiation detector. <i>Computer Physics Communications</i> , 2000, 132, 110-123. | 3.0 | 14 |
| 326 | A fast transition radiation detector for high-energy particles selection and triggering. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000, 455, 305-318. | 0.7 | 4 |
| 327 | Low energy atmospheric muon neutrinos in MACRO. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 478, 5-13. | 1.5 | 73 |
| 328 | Search for lightly ionizing particles with the MACRO detector. <i>Physical Review D</i> , 2000, 62, . | 1.6 | 17 |
| 329 | High statistics measurement of the underground muon pair separation at Gran Sasso. <i>Physical Review D</i> , 1999, 60, . | 1.6 | 21 |
| 330 | Limits on dark matter WIMPs using upward-going muons in the MACRO detector. <i>Physical Review D</i> , 1999, 60, . | 1.6 | 74 |
| 331 | A high-precision drift straw tube counter for particle tracking for accelerator and space experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998, 409, 73-74. | 0.7 | 0 |
| 332 | Measurement of the atmospheric neutrino-induced upgoing muon flux using MACRO. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 434, 451-457. | 1.5 | 315 |
| 333 | Observation of the shadowing of cosmic rays by the Moon using a deep underground detector. <i>Physical Review D</i> , 1998, 59, . | 1.6 | 14 |
| 334 | High energy cosmic ray physics with underground muons in MACRO. II. Primary spectra and composition. <i>Physical Review D</i> , 1997, 56, 1418-1436. | 1.6 | 26 |
| 335 | High energy cosmic ray physics with underground muons in MACRO. I. Analysis methods and experimental results. <i>Physical Review D</i> , 1997, 56, 1407-1417. | 1.6 | 17 |
| 336 | Magnetic monopole search with the MACRO detector at Gran Sasso. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 406, 249-255. | 1.5 | 27 |
| 337 | Description and performances of a transition radiation detector for a Gran Sasso underground experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1995, 44, 193-197. | 0.5 | 0 |
| 338 | Atmospheric neutrino flux measurement using upgoing muons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 357, 481-486. | 1.5 | 83 |
| 339 | Description and performances of MACRO TRD. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995, 360, 423-426. | 0.7 | 2 |
| 340 | A large area transition radiation detector to measure the energy of muons in the Gran Sasso underground laboratory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995, 365, 214-223. | 0.7 | 13 |
| 341 | Performance of the MACRO streamer tube system in the search for magnetic monopoles. <i>Astroparticle Physics</i> , 1995, 4, 33-43. | 1.9 | 26 |
| 342 | Vertical muon intensity measured with MACRO at the Gran Sasso laboratory. <i>Physical Review D</i> , 1995, 52, 3793-3802. | 1.6 | 149 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 343 | Search for slowly moving magnetic monopoles with the MACRO detector. Physical Review Letters, 1994, 72, 608-612. | 2.9 | 29 |
| 344 | Study of the primary cosmic ray composition around the knee of the energy spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 337, 376-382. | 1.5 | 34 |
| 345 | Muon astrophysics with the MACRO detector. Nuclear Physics, Section B, Proceedings Supplements, 1994, 35, 229-234. | 0.5 | 0 |