# Ramon J Garcia Lopez

List of Publications by Year
in descending order



| 182 | 14,661 | 17440 63 | 19749 117 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 182 | 182 | 182 | 10557 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Investigating the Blazar TXS 0506+056 through Sharp Multiwavelength Eyes During 2017â€“2019. Astrophysical Journal, 2022, 927, 197. | 4.5 | 11 |
| 2 | Proton acceleration in thermonuclear nova explosions revealed by gamma rays. Nature Astronomy, 2022, 6, 689-697. | 10.1 | 25 |
| 3 | Multiwavelength Observations of the Blazar VER J0521+211 during an Elevated TeV Gamma-Ray State. Astrophysical Journal, 2022, 932, 129. | 4.5 | 4 |
| 4 | MAGIC Observations of the Nearby Short Gamma-Ray Burst GRB 160821B <sup>*</sup>. Astrophysical Journal, 2021, 908, 90. | 4.5 | 38 |
| 5 | VHE gamma-ray detection of FSRQ QSO B1420+326 and modeling of its enhanced broadband state in 2020. Astronomy and Astrophysics, 2021, 647, A163. | 5.1 | 11 |
| 6 | Investigation of the correlation patterns and the Compton dominance variability of Mrk 421 in 2017. Astronomy and Astrophysics, 2021, 655, A89. | 5.1 | 15 |
| 7 | First detection of VHE gamma-ray emission from TXSÂ1515â€“273, study of its X-ray variability and spectral energy distribution. Monthly Notices of the Royal Astronomical Society, 2021, 507, 1528-1545. | 4.4 | 4 |
| 8 | Search for Very High-energy Emission from the Millisecond Pulsar PSR J0218+4232. Astrophysical Journal, 2021, 922, 251. | 4.5 | 2 |
| 9 | Observation of the Gamma-Ray Binary HESS J0632+057 with the H.E.S.S., MAGIC, and VERITAS Telescopes. Astrophysical Journal, 2021, 923, 241. | 4.5 | 10 |
| 10 | Unraveling the Complex Behavior of Mrk 421 with Simultaneous X-Ray and VHE Observations during an Extreme Flaring Activity in 2013 April <sup>*</sup>. Astrophysical Journal, Supplement Series, 2020, 248, 29. | 7.7 | 25 |
| 11 | New Hard-TeV Extreme Blazars Detected with the MAGIC Telescopes*. Astrophysical Journal, Supplement Series, 2020, 247, 16. | 7.7 | 39 |
| 12 | An intermittent extreme BL Lac: MWL study of 1ESÂ2344+514 in an enhanced state. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3912-3928. | 4.4 | 14 |
| 13 | The Great Markarian 421 Flare of 2010 February: Multiwavelength Variability and Correlation Studies. Astrophysical Journal, 2020, 890, 97. | 4.5 | 21 |
| 14 | Monitoring of the radio galaxy MÂ87 during a low-emission state from 2012 to 2015 with MAGIC. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5354-5365. | 4.4 | 31 |
| 15 | Study of the variable broadband emission of Markarian 501 during the most extreme Swift X-ray activity. Astronomy and Astrophysics, 2020, 637, A86. | 5.1 | 28 |
| 16 | Broadband characterisation of the very intense TeV flares of the blazar 1ES 1959+650 in 2016. Astronomy and Astrophysics, 2020, 638, A14. | 5.1 | 23 |
| 17 | Testing two-component models on very high-energy gamma-ray-emitting BL Lac objects. Astronomy and Astrophysics, 2020, 640, A132. | 5.1 | 20 |
| 18 | Testing emission models on the extreme blazar 2WHSPÂJ073326.7+515354 detected at very high energies with the MAGIC telescopes. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2284-2299. | 4.4 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Constraints on Gamma-Ray and Neutrino Emission from NGC 1068 with the MAGIC Telescopes. Astrophysical Journal, 2019, 883, 135. | 4.5 | 27 |
| 20 | Towards Understanding the Origin of Cosmic-Ray Positrons. Physical Review Letters, 2019, 122, 041102. | 7.8 | 174 |
| 21 | Deep observations of the globular cluster M15 with the MAGIC telescopes. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2876-2885. | 4.4 | 8 |
| 22 | Measurement of the extragalactic background light using MAGIC and Fermi-LAT gamma-ray observations of blazars up to zÂ=Â1. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4233-4251. | 4.4 | 67 |
| 23 | A fast, very-high-energy Î³-ray flare from BL Lacertae during a period of multi-wavelength activity in June 2015. Astronomy and Astrophysics, 2019, 623, A175. | 5.1 | 26 |
| 24 | Towards Understanding the Origin of Cosmic-Ray Electrons. Physical Review Letters, 2019, 122, 101101. | 7.8 | 109 |
| 25 | Discovery of TeV Î³-ray emission from the neighbourhood of the supernova remnant G24.7+0.6 by MAGIC. Monthly Notices of the Royal Astronomical Society, 2019, 483, 4578-4585. | 4.4 | 6 |
| 26 | Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout. Astroparticle Physics, 2019, 111, 35-53. | 4.3 | 35 |
| 27 | Indirect dark matter searches in the dwarf satellite galaxy Ursa Major II with the MAGIC telescopes. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 009-009. | 5.4 | 24 |
| 28 | Observation of New Properties of Secondary Cosmic Rays Lithium, Beryllium, and Boron by the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2018, 120, 021101. | 7.8 | 172 |
| 29 | Gamma-ray flaring activity of NGC1275 in 2016â€“2017 measured by MAGIC. Astronomy and Astrophysics, 2018, 617, A91. | 5.1 | 25 |
| 30 | The Blazar TXS 0506+056 Associated with a High-energy Neutrino: Insights into Extragalactic Jets and Cosmic-Ray Acceleration. Astrophysical Journal Letters, 2018, 863, L10. | 8.3 | 141 |
| 31 | Multi-wavelength characterization of the blazar S5 0716+714 during an unprecedented outburst phase. Astronomy and Astrophysics, 2018, 619, A45. | 5.1 | 32 |
| 32 | Detection of persistent VHE gamma-ray emission from PKS 1510â€“089 by the MAGIC telescopes during low states between 2012 and 2017. Astronomy and Astrophysics, 2018, 619, A159. | 5.1 | 26 |
| 33 | Extreme HBL behavior of Markarian 501 during 2012. Astronomy and Astrophysics, 2018, 620, A181. | 5.1 | 47 |
| 34 | Periastron Observations of TeV Gamma-Ray Emission from a Binary System with a 50-year Period. Astrophysical Journal Letters, 2018, 867, L19. | 8.3 | 38 |
| 35 | Detection of the blazar S4 0954+65 at very-high-energy with the MAGIC telescopes during an exceptionally high optical state. Astronomy and Astrophysics, 2018, 617, A30. | 5.1 | 19 |
| 36 | The broad-band properties of the intermediate synchrotron peaked BLâ€‰Lacâ€‰S2â€‰0109+22 from radio to VHE gamma-rays. Monthly Notices of the Royal Astronomical Society, 2018, 480, 879-892. | 4.4 | 13 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Constraining dark matter lifetime with a deep gamma-ray survey of the Perseus galaxy cluster with MAGIC. Physics of the Dark Universe, 2018, 22, 38-47. | 4.9 | 26 |
| 38 | Observation of Complex Time Structures in the Cosmic-Ray Electron and Positron Fluxes with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2018, 121, 051102. | 7.8 | 62 |
| 39 | Observation of Fine Time Structures in the Cosmic Proton and Helium Fluxes with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2018, 121, 051101. | 7.8 | 98 |
| 40 | Limits on the flux of tau neutrinos from 1ÂPeV to 3ÂEeV with the MAGIC telescopes. Astroparticle Physics, 2018, 102, 77-88. | 4.3 | 14 |
| 41 | Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. Science, 2018, 361, . | 12.6 | 654 |
| 42 | Precision Measurement of Cosmic-Ray Nitrogen and its Primary and Secondary Components with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2018, 121, 051103. | 7.8 | 68 |
| 43 | A SEARCH FOR SPECTRAL HYSTERESIS AND ENERGY-DEPENDENT TIME LAGS FROM X-RAY AND TeV GAMMA-RAY OBSERVATIONS OF Mrk 421. Astrophysical Journal, 2017, 834, 2. | 4.5 | 29 |
| 44 | MAGIC observations of the microquasar V404 Cygni during the 2015 outburst. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1688-1693. | 4.4 | 5 |
| 45 | First multi-wavelength campaign on the gamma-ray-loud active galaxy ICâ€‰310. Astronomy and Astrophysics, 2017, 603, A25. | 5.1 | 22 |
| 46 | MAGIC detection of very high energy Î³-ray emission from the low-luminosity blazar 1ESÂ1741+196. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1534-1541. | 4.4 | 15 |
| 47 | Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009. Astronomy and Astrophysics, 2017, 603, A31. | 5.1 | 49 |
| 48 | Multiwavelength observations of a VHE gamma-ray flare from PKSâ€‰1510â^'089 in 2015. Astronomy and Astrophysics, 2017, 603, A29. | 5.1 | 33 |
| 49 | A cut-off in the TeV gamma-ray spectrum of the SNR Cassiopeia A. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2956-2962. | 4.4 | 64 |
| 50 | Observation of the Identical Rigidity Dependence of He, C, and O Cosmic Rays at High Rigidities by the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2017, 119, 251101. | 7.8 | 204 |
| 51 | Very high-energy gamma-ray follow-up program using neutrino triggers from IceCube. Journal of Instrumentation, 2016, 11, P11009-P11009. | 1.2 | 24 |
| 52 | Deep observation of the NGCâ€‰1275 region with MAGIC: search of diffuseÎ³-ray emission from cosmic rays in the Perseus cluster. Astronomy and Astrophysics, 2016, 589, A33. | 5.1 | 40 |
| 53 | Super-orbital variability of LS I +61Â°303 at TeV energies. Astronomy and Astrophysics, 2016, 591, A76. | 5.1 | 21 |
| 54 | MAGIC observations of the February 2014 flare of 1ES 1011+496 and ensuing constraint of the EBL density. Astronomy and Astrophysics, 2016, 590, A24. | 5.1 | 46 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Long-term multi-wavelength variability and correlation study of Markarian 421 from 2007 to 2009. Astronomy and Astrophysics, 2016, 593, A91. | 5.1 | 36 |
| 56 | Detection of very high energy gamma-ray emission from the gravitationally lensed blazar QSO B0218+357 with the MAGIC telescopes. Astronomy and Astrophysics, 2016, 595, A98. | 5.1 | 56 |
| 57 | Antiproton Flux, Antiproton-to-Proton Flux Ratio, and Properties of Elementary Particle Fluxes in Primary Cosmic Rays Measured with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2016, 117, 091103. | 7.8 | 295 |
| 58 | Precision Measurement of the Boron to Carbon Flux Ratio in Cosmic Rays from 1.9ÂGV to 2.6ÂTV with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2016, 117, 231102. | 7.8 | 236 |
| 59 | MULTIWAVELENGTH STUDY OF QUIESCENT STATES OF Mrk 421 WITH UNPRECEDENTED HARD X-RAY COVERAGE PROVIDED BY NuSTAR IN 2013. Astrophysical Journal, 2016, 819, 156. | 4.5 | 90 |
| 60 | Investigating the peculiar emission from the new VHE gamma-ray source H1722+119. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3271-3281. | 4.4 | 26 |
| 61 | Limits to dark matter annihilation cross-section from a combined analysis of MAGIC and Fermi-LAT observations of dwarf satellite galaxies. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 039-039. | 5.4 | 216 |
| 62 | Very high-energyÎ³-ray observations of novae and dwarf novae with the MAGIC telescopes. Astronomy and Astrophysics, 2015, 582, A67. | 5.1 | 21 |
| 63 | FIRSTNuSTAROBSERVATIONS OF MRK 501 WITHIN A RADIO TO TeV MULTI-INSTRUMENT CAMPAIGN. Astrophysical Journal, 2015, 812, 65. | 4.5 | 49 |
| 64 | The EChO science case. Experimental Astronomy, 2015, 40, 329-391. | 3.7 | 31 |
| 65 | The 2009 multiwavelength campaign on Mrk 421: Variability and correlation studies. Astronomy and Astrophysics, 2015, 576, A126. | 5.1 | 84 |
| 66 | Multiwavelength observations of Mrk 501 in 2008. Astronomy and Astrophysics, 2015, 573, A50. | 5.1 | 49 |
| 67 | Precision Measurement of the Helium Flux in Primary Cosmic Rays of Rigidities 1.9ÂGV to 3ÂTV with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2015, 115, 211101. | 7.8 | 369 |
| 68 | VERY HIGH ENERGY Î³ -RAYS FROM THE UNIVERSEâ€™S MIDDLE AGE: DETECTION OF THE z = 0.940 BLAZAR PKS 1441+25 WITH MAGIC. Astrophysical Journal Letters, 2015, 815, L23. | 8.3 | 78 |
| 69 | Precision Measurement of the Proton Flux in Primary Cosmic Rays from Rigidity 1ÂGV to 1.8 TV with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2015, 114, 171103. | 7.8 | 655 |
| 70 | MAGIC detection of short-term variability of the high-peaked BL Lac object 1ES 0806+524. Monthly Notices of the Royal Astronomical Society, 2015, 451, 739-750. | 4.4 | 25 |
| 71 | Unprecedented study of the broadband emission of Mrk 421 during flaring activity in March 2010. Astronomy and Astrophysics, 2015, 578, A22. | 5.1 | 92 |
| 72 | MAGIC observations and multifrequency properties of the flat spectrum radio quasar 3C 279 in 2011. Astronomy and Astrophysics, 2014, 567, A41. | 5.1 | 33 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | MAGIC long-term study of the distant TeV blazar PKS 1424+240 in a multiwavelength context. Astronomy and Astrophysics, 2014, 567, A135. | 5.1 | 48 |
| 74 | MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4CÂ+21.35 DURING THE 2010 FLARING ACTIVITY. Astrophysical Journal, 2014, 786, 157. | 4.5 | 33 |
| 75 | Optimized dark matter searches in deep observations of Segue 1 with MAGIC. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 008-008. | 5.4 | 105 |
| 76 | Precision Measurement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo stretchy="false">(</mml:mo><mml:msup><mml:mi>e</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:mo>+</mml:mo><mml:msu Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2014, 113, 221102. | 7.8 | 238 |
| 77 | Black hole lightning due to particle acceleration at subhorizon scales. Science, 2014, 346, 1080-1084. | 12.6 | 128 |
| 78 | Electron and Positron Fluxes in Primary Cosmic Rays Measured with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2014, 113, 121102. | 7.8 | 397 |
| 79 | High Statistics Measurement of the Positron Fraction in Primary Cosmic Rays of 0.5â€“500ÂGeV with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2014, 113, 121101. | 7.8 | 428 |
| 80 | Contemporaneous observations of the radio galaxy NGCâ€‰1275 from radio to very high energyÎ³-rays. Astronomy and Astrophysics, 2014, 564, A5. | 5.1 | 42 |
| 81 | Discovery of very high energy gamma-ray emission from the blazar 1ESâ€‰1727+502 with the MAGIC Telescopes. Astronomy and Astrophysics, 2014, 563, A90. | 5.1 | 21 |
| 82 | Rapid and multiband variability of the TeV bright active nucleus of the galaxy IC 310. Astronomy and Astrophysics, 2014, 563, A91. | 5.1 | 45 |
| 83 | First broadband characterization and redshift determination of the VHE blazar MAGIC J2001+439. Astronomy and Astrophysics, 2014, 572, A121. | 5.1 | 24 |
| 84 | MAGIC gamma-ray and multi-frequency observations of flat spectrum radio quasar PKS 1510â˜089 in early 2012. Astronomy and Astrophysics, 2014, 569, A46. | 5.1 | 70 |
| 85 | MAGIC reveals a complex morphology within the unidentified gamma-ray source HESS J1857+026. Astronomy and Astrophysics, 2014, 571, A96. | 5.1 | 15 |
| 86 | First Result from the Alpha Magnetic Spectrometer on the International Space Station: Precision Measurement of the Positron Fraction in Primary Cosmic Rays of 0.5â€“350 GeV. Physical Review Letters, 2013, 110, 141102. | 7.8 | 852 |
| 87 | The simultaneous low state spectral energy distribution of 1ESâ€‰2344+514 from radio to very high energies. Astronomy and Astrophysics, 2013, 556, A67. | 5.1 | 25 |
| 88 | Observations of the magnetars 4Uâ€‰0142+61 and 1Eâ€‰2259+586 with the MAGIC telescopes. Astronomy and Astrophysics, 2013, 549, A23. | 5.1 | 7 |
| 89 | DETECTION OF THE Î³-RAY BINARY LS I +61Â°303 IN A LOW-FLUX STATE AT VERY HIGH ENERGY Î³-RAYS WITH THE MAGIC TELESCOPES IN 2009. Astrophysical Journal, 2012, 746, 80. | 4.5 | 14 |
| 90 | THE 2010 VERY HIGH ENERGY Î³-RAY FLARE AND 10 YEARS OF MULTI-WAVELENGTH OBSERVATIONS OF M 87. Astrophysical Journal, 2012, 746, 151. | 4.5 | 145 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | PG 1553+113: FIVE YEARS OF OBSERVATIONS WITH MAGIC. Astrophysical Journal, 2012, 748, 46. | 4.5 | 40 |
| 92 | DETECTION OF VHE Î³-RAYS FROM HESS J0632+057 DURING THE 2011 FEBRUARY X-RAY OUTBURST WITH THE MAGIC TELESCOPES. Astrophysical Journal Letters, 2012, 754, L10. | 8.3 | 22 |
| 93 | MAGIC observations of the giant radio galaxy MÂ87 in a low-emission state between 2005 and 2007. Astronomy and Astrophysics, 2012, 544, A96. | 5.1 | 25 |
| 94 | Discovery of VHEÎ³-rays from the blazar 1ESÂ1215+303 with the MAGIC telescopes and simultaneous multi-wavelength observations. Astronomy and Astrophysics, 2012, 544, A142. | 5.1 | 50 |
| 95 | Discovery of VHEÎ³-ray emission from the BL Lacertae object B3 2247+381 with the MAGIC telescopes. Astronomy and Astrophysics, 2012, 539, A118. | 5.1 | 29 |
| 96 | Detection of very-high energyÎ³-ray emission from NGC 1275 by the MAGIC telescopes. Astronomy and Astrophysics, 2012, 539, L2. | 5.1 | 77 |
| 97 | Morphological and spectral properties of the W51 region measured with the MAGIC telescopes. Astronomy and Astrophysics, 2012, 541, A13. | 5.1 | 67 |
| 98 | Mrk 421 active state in 2008: the MAGIC view, simultaneous multi-wavelength observations and SSC model constrained. Astronomy and Astrophysics, 2012, 542, A100. | 5.1 | 55 |
| 99 | Constraining cosmic rays and magnetic fields in the Perseus galaxy cluster with TeV observations by the MAGIC telescopes. Astronomy and Astrophysics, 2012, 541, A99. | 5.1 | 64 |
| 100 | High zenith angle observations of PKSâ€‰2155-304 with the MAGIC-I telescope. Astronomy and Astrophysics, 2012, 544, A75. | 5.1 | 8 |
| 101 | MAGIC DISCOVERY OF VERY HIGH ENERGY EMISSION FROM THE FSRQ PKS 1222+21. Astrophysical Journal Letters, 2011, 730, L8. | 8.3 | 277 |
| 102 | MAGIC Observations and multiwavelength properties of the quasar 3CÂ279 in 2007 and 2009. Astronomy and Astrophysics, 2011, 530, A4. | 5.1 | 68 |
| 103 | Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy. Experimental Astronomy, 2011, 32, 193-316. | 3.7 | 640 |
| 104 | OBSERVATIONS OF THE BLAZAR 3C 66A WITH THE MAGIC TELESCOPES IN STEREOSCOPIC MODE. Astrophysical Journal, 2011, 726, 58. | 4.5 | 31 |
| 105 | INSIGHTS INTO THE HIGH-ENERGY Î³-RAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THEFERMIERA. Astrophysical Journal, 2011, 727, 129. | 4.5 | 185 |
| 106 | SPECTRAL ENERGY DISTRIBUTION OF MARKARIAN 501: QUIESCENT STATE VERSUS EXTREME OUTBURST. Astrophysical Journal, 2011, 729, 2. | 4.5 | 70 |
| 107 | GAMMA-RAY EXCESS FROM A STACKED SAMPLE OF HIGH- AND INTERMEDIATE-FREQUENCY PEAKED BLAZARS OBSERVED WITH THE MAGIC TELESCOPE. Astrophysical Journal, 2011, 729, 115. | 4.5 | 23 |
| 108 | FERMILARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION. Astrophysical Journal, 2011, 736, 131. | 4.5 | 261 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | MAGIC TeV gamma-ray observations of MarkarianÂ421 during multiwavelength campaigns in 2006. Astronomy and Astrophysics, 2010, 519, A32. | 5.1 | 33 |
| 110 | Search for an extended VHEÎ³-ray emission from Mrk 421 and Mrk 501 with the MAGIC Telescope. Astronomy and Astrophysics, 2010, 524, A77. | 5.1 | 50 |
| 111 | Simultaneous multi-frequency observation of the unknown redshift blazar PGâ€‰1553+113 in March-April 2008. Astronomy and Astrophysics, 2010, 515, A76. | 5.1 | 14 |
| 112 | MAGIC GAMMA-RAY TELESCOPE OBSERVATION OF THE PERSEUS CLUSTER OF GALAXIES: IMPLICATIONS FOR COSMIC RAYS, DARK MATTER, AND NGC 1275. Astrophysical Journal, 2010, 710, 634-647. | 4.5 | 110 |
| 113 | DETECTION OF VERY HIGH ENERGY Î³-RAY EMISSION FROM THE PERSEUS CLUSTER HEAD-TAIL GALAXY IC 310 BY THE MAGIC TELESCOPES. Astrophysical Journal Letters, 2010, 723, L207-L212. | 8.3 | 78 |
| 114 | Results of the Analysis of Several Galactic Sources Observed by MAGIC. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 391-391. | 0.3 | 0 |
| 115 | MAGIC observations of PGâ€‰1553+113 during a multiwavelength campaign in July 2006. Astronomy and Astrophysics, 2009, 493, 467-469. | 5.1 | 16 |
| 116 | THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES. Astrophysical Journal, 2009, 691, L13-L19. | 4.5 | 86 |
| 117 | DISCOVERY OF A VERY HIGH ENERGY GAMMA-RAY SIGNAL FROM THE 3C 66A/B REGION. Astrophysical Journal, 2009, 692, L29-L33. | 4.5 | 52 |
| 118 | PERIODIC VERY HIGH ENERGY Î³-RAY EMISSION FROM LS I +61Â°303 OBSERVED WITH THE MAGIC TELESCOPE. Astrophysical Journal, 2009, 693, 303-310. | 4.5 | 81 |
| 119 | SIMULTANEOUS MULTIWAVELENGTH OBSERVATIONS OF MARKARIAN 421 DURING OUTBURST. Astrophysical Journal, 2009, 703, 169-178. | 4.5 | 55 |
| 120 | DISCOVERY OF VERY HIGH ENERGY Î³-RAYS FROM THE BLAZAR S5 0716+714. Astrophysical Journal, 2009, 704, L129-L133. | 4.5 | 72 |
| 121 | SIMULTANEOUS MULTIWAVELENGTH OBSERVATION OF Mrk 501 IN A LOW STATE IN 2006. Astrophysical Journal, 2009, 705, 1624-1631. | 4.5 | 44 |
| 122 | CORRELATED X-RAY AND VERY HIGH ENERGY EMISSION IN THE GAMMA-RAY BINARY LS I +61 303. Astrophysical Journal, 2009, 706, L27-L32. | 4.5 | 47 |
| 123 | Radio Imaging of the Very-High-Energy Î³-Ray Emission Region in the Central Engine of a Radio Galaxy. Science, 2009, 325, 444-448. | 12.6 | 175 |
| 124 | Implementation of the Random Forest method for the Imaging Atmospheric Cherenkov Telescope MAGIC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 588, 424-432. | 1.6 | 146 |
| 125 | FADC signal reconstruction for the MAGIC telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 594, 407-419. | 1.6 | 42 |
| 126 | VHE Î³â€Ray Observation of the Crab Nebula and its Pulsar with the MAGIC Telescope. Astrophysical Journal, 2008, 674, 1037-1055. | 4.5 | 233 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Very-High-Energy Gamma Rays from a Distant Quasar: How Transparent Is the Universe?. Science, 2008, 320, 1752-1754. | 12.6 | 355 |
| 128 | Upper Limit for Î³â€Ray Emission above 140 GeV from the Dwarf Spheroidal Galaxy Draco. Astrophysical Journal, 2008, 679, 428-431. | 4.5 | 61 |
| 129 | MAGIC Observations of the Unidentified Î³-Ray Source TeV J2032+4130. Astrophysical Journal, 2008, 675, L25-L28. | 4.5 | 64 |
| 130 | Simultaneous Multiwavelength Observations of the Blazar 1ES 1959+650 at a Low TeV Flux. Astrophysical Journal, 2008, 679, 1029-1039. | 4.5 | 72 |
| 131 | Systematic Search for VHE Gammaâ€Ray Emission from Xâ€Rayâ€“bright Highâ€Frequency BL Lac Objects. Astrophysical Journal, 2008, 681, 944-953. | 4.5 | 18 |
| 132 | Multiwavelength (Radio, Xâ€Ray, and Î³â€Ray) Observations of the Î³â€Ray Binary LS I +61 303. Astrophysical Journal, 2008, 684, 1351-1358. | 4.5 | 51 |
| 133 | Very High Energy Gamma-Ray Observations of Strong Flaring Activity in M87 in 2008 February. Astrophysical Journal, 2008, 685, L23-L26. | 4.5 | 84 |
| 134 | First Bounds on the High-Energy Emission from Isolated Wolf-Rayet Binary Systems. Astrophysical Journal, 2008, 685, L71-L74. | 4.5 | 11 |
| 135 | Very High Energy Gamma-Ray Radiation from the Stellar Mass Black Hole Binary Cygnus X-1. Astrophysical Journal, 2007, 665, L51-L54. | 4.5 | 183 |
| 136 | Observation of Very High Energy Î³â€Rays from the AGN 1ES 2344+514 in a Low Emission State with the MAGIC Telescope. Astrophysical Journal, 2007, 662, 892-899. | 4.5 | 54 |
| 137 | MAGIC Upper Limits on the Very High Energy Emission from Gammaâ€Ray Bursts. Astrophysical Journal, 2007, 667, 358-366. | 4.5 | 72 |
| 138 | Discovery of Very High Energy Gamma Radiation from IC 443 with the MAGIC Telescope. Astrophysical Journal, 2007, 664, L87-L90. | 4.5 | 155 |
| 139 | Discovery of Very High Energy Î³-Ray Emission from the Low-Frequency-peaked BL Lacertae Object BL Lacertae. Astrophysical Journal, 2007, 666, L17-L20. | 4.5 | 102 |
| 140 | Constraints on the Steady and Pulsed Very High Energy Gammaâ€Ray Emission from Observations of PSR B1951 documentclass{aastex} usepackage{amsbsy} usepackage{amsfonts} usepackage{amssymb} usepackage{bm} usepackage{mathrsfs} usepackage{pifont} usepackage{stmaryrd} usepackage{textcomp} usepackage{portland,xspace} usepackage{amsmath,amsxtra} usepackage[OT2,OT1]{fontenc} ewcommandcyr{ enewcommandmdefault{wncyr} enewcommandsfdefault{wncyss} enewcommandencodingdefault{OT2} ormalfont sele. Astrop | 4.5 | 13 |
| 141 | Discovery of Very High Energy Î³-Rays from 1ES 1011+496 at z = 0.212. Astrophysical Journal, 2007, 667, L21-L24. | 4.5 | 94 |
| 142 | Variable Very High Energy Î³â€Ray Emission from Markarian 501. Astrophysical Journal, 2007, 669, 862-883. | 4.5 | 426 |
| 143 | Unfolding of differential energy spectra in the MAGIC experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 583, 494-506. | 1.6 | 74 |
| 144 | Observation of VHE Î³-rays from Cassiopeia A with the MAGIC telescope. Astronomy and Astrophysics, 2007, 474, 937-940. | 5.1 | 90 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | A Study of the Nearâ€Ultraviolet Spectrum of Vega. Astrophysical Journal, 2005, 623, 460-471. | 4.5 | 14 |
| 146 | On the potassium-rotation connection in late-type Alpha Persei stars. Astronomy and Astrophysics, 2005, 429, 1051-1055. | 5.1 | 2 |
| 147 | Galactic evolution of nitrogen. Astronomy and Astrophysics, 2004, 421, 649-658. | 5.1 | 84 |
| 148 | Beryllium anomalies in solar-type field stars. Astronomy and Astrophysics, 2004, 425, 1013-1027. | 5.1 | 25 |
| 149 | Parallelization of a Monte Carlo Simulation for a Space Cosmic Particles Detector. Lecture Notes in Computer Science, 2004, , 417-424. | 1.3 | 0 |
| 150 | Are beryllium abundances anomalous in stars with giant planets?. Astronomy and Astrophysics, 2004, 427, 1085-1096. | 5.1 | 43 |
| 151 | Nitrogen abundances in planet-harbouring stars. Astronomy and Astrophysics, 2004, 418, 703-715. | 5.1 | 47 |
| 152 | Oxygen Abundances Derived from UV OH and O I IR Lines in Very Metal-Poor Stars. Highlights of Astronomy, 2002, 12, 413-415. | 0.0 | 0 |
| 153 | Lithium and HÎ±in stars and brown dwarfs ofÏƒâ€‰Orionis. Astronomy and Astrophysics, 2002, 384, 937-953. | 5.1 | 155 |
| 154 | Beryllium abundances in stars hosting giant planets. Astronomy and Astrophysics, 2002, 386, 1028-1038. | 5.1 | 40 |
| 155 | Signatures of Convection in the Spectrum of Procyon: Fundamental Parameters and Iron Abundance. Astrophysical Journal, 2002, 567, 544-565. | 4.5 | 170 |
| 156 | Oxygen in the Very Early Galaxy. Astrophysical Journal, 2001, 551, 833-851. | 4.5 | 85 |
| 157 | Oxygen abundances derived in unevolved very metal-poor stars. New Astronomy Reviews, 2001, 45, 519-523. | 12.8 | 4 |
| 158 | The effect of stellar activity on the Li I 6708, Na I 5896 and K I 7699 Ã…lines. Astronomy and Astrophysics, 2001, 371, 652-666. | 5.1 | 30 |
| 159 | Oxygen Abundances in Very Metal-Poor Stars. , 2001, , 221-224. | | 0 |
| 160 | Model Photospheres for Lateâ€Type Stars from the Inversion of Highâ€Resolution Spectroscopic Observations: Groombridge 1830 and Îµ Eridani. Astrophysical Journal, 2000, 528, 885-895. | 4.5 | 9 |
| 161 | Galactic Evolution of Beryllium and Oxygen. Symposium - International Astronomical Union, 2000, 198, 397-404. | 0.1 | 1 |
| 162 | Early Galactic Evolution of Carbon, Nitrogen and Oxygen. Astrophysics and Space Science Library, 2000, , 35-46. | 2.7 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | The INT Search for Metal-Poor Stars: Spectroscopic Observations and Classification via Artificial Neural Networks. Astronomical Journal, 2000, 120, 1516-1531. | 4.7 | 35 |
| 164 | Spectroscopic Observations of Convective Patterns in the Atmospheres of Metalâ€poor Stars. Astrophysical Journal, 1999, 526, 991-1000. | 4.5 | 19 |
| 165 | The Kinematics of the HH 399 Jet in the Trifid Nebula. Astronomical Journal, 1999, 118, 2962-2973. | 4.7 | 13 |
| 166 | A Consistency Test of Spectroscopic Gravities for Lateâ€Type Stars. Astrophysical Journal, 1999, 527, 879-892. | 4.5 | 79 |
| 167 | Lithium abundances in metal-poor stars. Astronomy and Astrophysics, 1999, 137, 93-99. | 2.1 | 6 |
| 168 | New Views on the Early Evolution of Oxygen in the Galaxy. , 1999, , 165-170. | | 0 |
| 169 | Model Photospheres for Lateâ€Type Stars from the Inversion of Highâ€Resolution Spectroscopic Observations: The Sun. Astrophysical Journal, 1998, 502, 951-960. | 4.5 | 16 |
| 170 | The First L-Type Brown Dwarf in the Pleiades. Astrophysical Journal, 1998, 507, L41-L44. | 4.5 | 69 |
| 171 | Feâ€‰i line shifts in the optical spectrum of the Sun. Astronomy and Astrophysics, 1998, 129, 41-44. | 2.1 | 43 |
| 172 | A catalogue of accurate wavelengths in the optical spectrum of the Sun. Astronomy and Astrophysics, 1998, 131, 431-433. | 2.1 | 40 |
| 173 | Oxygen Abundances in Unevolved Metalâ€poor Stars from Nearâ€Ultraviolet OH Lines. Astrophysical Journal, 1998, 507, 805-817. | 4.5 | 203 |
| 174 | The Limited Influence of Pressure Gradients on Lateâ€Type Stellar Line Asymmetries. Astrophysical Journal, 1997, 483, 941-946. | 4.5 | 7 |
| 175 | A cold massive interstellar cloud within 120 parsecs of the Sun: K I optical and H I radio observations. Astrophysical Journal, 1995, 445, 231. | 4.5 | 9 |
| 176 | Beryllium and Lithium Abundances in Stars with a Range of Metallicities. International Astronomical Union Colloquium, 1993, 137, 180-182. | 0.1 | 0 |
| 177 | Oxygen Abundances in LI-Depleted F-Type Stars. International Astronomical Union Colloquium, 1993, 137, 187-189. | 0.1 | 0 |
| 178 | Oxygen abundances in F-type stars of the Hyades and the Ursa Major group. Astrophysical Journal, 1993, 412, 173. | 4.5 | 28 |
| 179 | Convection, Chromospheric Heating and Mixing of Material in Main-Sequence F-type Stars. Publications of the Astronomical Society of the Pacific, 1993, 105, 560. | 3.1 | 0 |
| 180 | Li depletion in F stars by internal gravity waves. Astrophysical Journal, 1991, 377, 268. | 4.5 | 132 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | Lithium abundances and metallicities in stars near the main-sequence turnoff and a giant in M67. Publications of the Astronomical Society of the Pacific, 1988, 100, 1489. | 3.1 | 47 |
| 182 | Multiwavelength variability and correlation studies of MrkÂ421 during historically low X-ray and Î³-ray activity in 2015â€“2016. Monthly Notices of the Royal Astronomical Society, 0, , . | 4.4 | 13 |