

# Anita Reimer

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

531  
papers

55,098  
citations

129  
h-index

219  
g-index

579  
ext. papers

60,155  
ext. citations

7.3  
avg, IF

6.52  
L-index

#	Paper	IF	Citations
531	ExHaLe-jet: an extended hadro-leptonic jet model for blazars II. Code description and initial results. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 512, 3948-3971	4.3	1
530	A gamma-ray pulsar timing array constrains the nanohertz gravitational wave background.. <i>Science</i> , <b>2022</b> , 376, eabm3231	33.3	1
529	Time-resolved hadronic particle acceleration in the recurrent nova RS Ophiuchi.. <i>Science</i> , <b>2022</b> , eabn056733	33.3	1
528	Gamma Rays from Fast Black-hole Winds. <i>Astrophysical Journal</i> , <b>2021</b> , 921, 144	4.7	3
527	Scrutinizing FR II radio galaxies as ultra-high-energy cosmic ray source candidates. <i>Astroparticle Physics</i> , <b>2021</b> , 128, 102564	2.4	5
526	H.E.S.S. and MAGIC observations of a sudden cessation of a very-high-energy $\gamma$ -ray flare in PKS 1510089 in May 2016. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 648, A23	5.1	7
525	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 911, L11	7.9	16
524	Search for dark matter annihilation in the Wolf-Lundmark-Melotte dwarf irregular galaxy with H.E.S.S.. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	3
523	Relativistic fluid modelling of gamma-ray binaries. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A71	5.1	6
522	Revealing x-ray and gamma ray temporal and spectral similarities in the GRB 190829A afterglow. <i>Science</i> , <b>2021</b> , 372, 1081-1085	33.3	24
521	Sensitivity of the Cherenkov Telescope Array to a dark matter signal from the Galactic centre. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2021</b> , 2021, 057-057	6.4	9
520	Relativistic fluid modelling of gamma-ray binaries. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 646, A91	5.1	8
519	Sensitivity of the Cherenkov Telescope Array for probing cosmology and fundamental physics with gamma-ray propagation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2021</b> , 2021, 048-048	6.4	14
518	Search for Dark Matter Annihilation Signals from Unidentified Fermi-LAT Objects with H.E.S.S.. <i>Astrophysical Journal</i> , <b>2021</b> , 918, 17	4.7	1
517	TeV Emission of Galactic Plane Sources with HAWC and H.E.S.S.. <i>Astrophysical Journal</i> , <b>2021</b> , 917, 6	4.7	5
516	Evidence of 100 TeV $\gamma$ -ray emission from HESS J1702-420: A new PeVatron candidate. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 653, A152	5.1	3
515	Fermi Large Area Telescope Performance after 10 Years of Operation. <i>Astrophysical Journal, Supplement Series</i> , <b>2021</b> , 256, 12	8	5

514	Catalog of Long-term Transient Sources in the First 10 yr of Fermi-LAT Data. <i>Astrophysical Journal, Supplement Series</i> , <b>2021</b> , 256, 13	8	1
513	Searching for TeV Gamma-Ray Emission from SGR 1935+2154 during Its 2020 X-Ray and Radio Bursting Phase. <i>Astrophysical Journal</i> , <b>2021</b> , 919, 106	4.7	0
512	First Fermi-LAT Solar Flare Catalog. <i>Astrophysical Journal, Supplement Series</i> , <b>2021</b> , 252, 13	8	11
511	High-energy emission from a magnetar giant flare in the Sculptor galaxy. <i>Nature Astronomy</i> , <b>2021</b> , 5, 385-391	12.1	4
510	X-ray and $\Gamma$ -ray orbital variability from the $\Gamma$ -ray binary HESS J1832-093. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 637, A23	5.1	6
509	Probing the Magnetic Field in the GW170817 Outflow Using H.E.S.S. Observations. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 894, L16	7.9	5
508	Resolving acceleration to very high energies along the jet of Centaurus A. <i>Nature</i> , <b>2020</b> , 582, 356-359	50.4	20
507	Detection of very-high-energy $\Gamma$ -ray emission from the colliding wind binary IC 3639 with H.E.S.S.. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 635, A167	5.1	7
506	Fermi Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , <b>2020</b> , 247, 33	8	406
505	Hints of $\Gamma$ -ray orbital variability from $\eta$ Velorum. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 635, A141	5.1	2
504	H.E.S.S. and Fermi-LAT observations of PSR B1259-63/LS 2883 during its 2014 and 2017 periastron passages. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 633, A102	5.1	8
503	H.E.S.S. detection of very high-energy $\Gamma$ -ray emission from the quasar PKS 0736+017. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 633, A162	5.1	6
502	Fermi and Swift Observations of GRB 190114C: Tracing the Evolution of High-energy Emission from Prompt to Afterglow. <i>Astrophysical Journal</i> , <b>2020</b> , 890, 9	4.7	28
501	Simultaneous observations of the blazar PKS 2155-004 from ultra-violet to TeV energies. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 639, A42	5.1	3
500	An extreme particle accelerator in the Galactic plane: HESS J1826-130. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 644, A112	5.1	6
499	Resolving the Crab pulsar wind nebula at teraelectronvolt energies. <i>Nature Astronomy</i> , <b>2020</b> , 4, 167-173	12.1	12
498	Search for dark matter signals towards a selection of recently detected DES dwarf galaxy satellites of the Milky Way with H.E.S.S.. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	11
497	Very high energy $\Gamma$ -ray emission from two blazars of unknown redshift and upper limits on their distance. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 5590-5602	4.3	6

496	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , <b>2020</b> , 892, 105	4-7	93
495	MAGIC and Fermi-LAT gamma-ray results on unassociated HAWC sources. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 356-366	4-3	4
494	Proton Acceleration in Colliding Stellar Wind Binaries. <i>Astrophysical Journal</i> , <b>2019</b> , 871, 55	4-7	11
493	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. <i>Astrophysical Journal</i> , <b>2019</b> , 878, 52	4-7	85
492	H.E.S.S. observations of the flaring gravitationally lensed galaxy PKS 1830-11. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 3886-3891	4-3	3
491	Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout. <i>Astroparticle Physics</i> , <b>2019</b> , 111, 35-53	2-4	23
490	Trigger performance verification of the FlashCam prototype camera. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2019</b> , 936, 392-393	1-2	2
489	Upper limits on very-high-energy gamma-ray emission from core-collapse supernovae observed with H.E.S.S.. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 626, A57	5-1	4
488	Cascading Constraints from Neutrino-emitting Blazars: The Case of TXS 0506+056. <i>Astrophysical Journal</i> , <b>2019</b> , 881, 46	4-7	37
487	A Search for Cosmic-Ray Proton Anisotropy with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , <b>2019</b> , 883, 33	4-7	2
486	H.E.S.S. and Suzaku observations of the Vela X pulsar wind nebula. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 627, A100	5-1	6
485	A very-high-energy component deep in the $\Gamma$ -ray burst afterglow. <i>Nature</i> , <b>2019</b> , 575, 464-467	50-4	86
484	Bright Gamma-Ray Flares Observed in GRB 131108A. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 886, L33	7-9	3
483	Constraints on the emission region of 3C 279 during strong flares in 2014 and 2015 through VHE $\Gamma$ -ray observations with H.E.S.S.. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 627, A159	5-1	22
482	The consequence of a new ISRF model of the Milky Way on predictions for diffuse gamma-ray emission. <i>Astroparticle Physics</i> , <b>2019</b> , 107, 1-14	2-4	5
481	Particle transport within the pulsar wind nebula HESS J1825-37. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 621, A116	5-1	34
480	The 2014 TeV $\Gamma$ -ray Flare of Mrk 501 Seen with H.E.S.S.: Temporal and Spectral Constraints on Lorentz Invariance Violation. <i>Astrophysical Journal</i> , <b>2019</b> , 870, 93	4-7	33
479	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. <i>Science Advances</i> , <b>2018</b> , 4, eaao72283	2-3	13

478	H.E.S.S. discovery of very high energy $\gamma$ emission from PKS 0625B54. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 476, 4187-4198	4.3	13
477	Constraints on particle acceleration in SS433/W50 from MAGIC and H.E.S.S. observations. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 612, A14	5.1	14
476	The H.E.S.S. Galactic plane survey. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 612, A1	5.1	143
475	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , <b>2018</b> , 361,	33.3	407
474	The Search for Spatial Extension in High-latitude Sources Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal, Supplement Series</i> , <b>2018</b> , 237, 32	8	70
473	Search for Gamma-Ray Emission from Local Primordial Black Holes with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , <b>2018</b> , 857, 49	4.7	10
472	The population of TeV pulsar wind nebulae in the H.E.S.S. Galactic Plane Survey. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 612, A2	5.1	70
471	Systematic search for very-high-energy gamma-ray emission from bow shocks of runaway stars. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 612, A12	5.1	9
470	The $\gamma$ spectrum of the core of Centaurus A as observed with H.E.S.S. and Fermi-LAT. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 619, A71	5.1	21
469	Searches for gamma-ray lines and pure WIMP spectra from Dark Matter annihilations in dwarf galaxies with H.E.S.S.. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 037-037	6.4	18
468	A search for very high-energy flares from the microquasars GRS 1915+105, Circinus X-1, and V4641 Sgr using contemporaneous H.E.S.S. and RXTE observations. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 612, A10	5.1	2
467	Population study of Galactic supernova remnants at very high $\gamma$ energies with H.E.S.S.. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 612, A3	5.1	30
466	Extended VHE $\gamma$ emission towards SGR1806B0, LBV 1806B0, and stellar cluster Cl* 1806B0. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 612, A11	5.1	6
465	H.E.S.S. observations of RX J1713.7B946 with improved angular and spectral resolution: Evidence for gamma-ray emission extending beyond the X-ray emitting shell. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 612, A6	5.1	73
464	The supernova remnant W49B as seen with H.E.S.S. and Fermi-LAT. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 612, A5	5.1	22
463	A gamma-ray determination of the Universe's star formation history. <i>Science</i> , <b>2018</b> , 362, 1031-1034	33.3	71
462	The starburst galaxy NGC 253 revisited by H.E.S.S. and Fermi-LAT. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 617, A73	5.1	22
461	First ground-based measurement of sub-20 GeV to 100 GeV $\gamma$ rays from the Vela pulsar with H.E.S.S. II. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 620, A66	5.1	20

460	Unresolved Gamma-Ray Sky through its Angular Power Spectrum. <i>Physical Review Letters</i> , <b>2018</b> , 121, 241101	7.4	11
459	VERITAS and Fermi-LAT Observations of TeV Gamma-Ray Sources Discovered by HAWC in the 2HWC Catalog. <i>Astrophysical Journal</i> , <b>2018</b> , 866, 24	4.7	15
458	Detailed spectral and morphological analysis of the shell type supernova remnant RCW 86. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 612, A4	5.1	18
457	Characterising the VHE diffuse emission in the central 200 parsecs of our Galaxy with H.E.S.S.. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 612, A9	5.1	29
456	HESS J1741B02: a hidden accelerator in the Galactic plane. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 612, A13	5.1	4
455	A search for new supernova remnant shells in the Galactic plane with H.E.S.S.. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 612, A8	5.1	21
454	Fermi-LAT Observations of LIGO/Virgo Event GW170817. <i>Astrophysical Journal</i> , <b>2018</b> , 861, 85	4.7	21
453	Investigating the Nature of Late-Time High-Energy GRB Emission Through Joint Observations.. <i>Astrophysical Journal</i> , <b>2018</b> , 863,	4.7	11
452	Search for $\gamma$ Ray Line Signals from Dark Matter Annihilations in the Inner Galactic Halo from 10 Years of Observations with H.E.S.S. <i>Physical Review Letters</i> , <b>2018</b> , 120, 201101	7.4	47
451	Deeper H.E.S.S. observations of Vela Junior (RX J0852.0B622): Morphology studies and resolved spectroscopy. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 612, A7	5.1	29
450	Detection of variable VHE $\gamma$ ray emission from the extra-galactic $\gamma$ ray binary LMC P3. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 610, L17	5.1	9
449	Performance verification of the FlashCam prototype camera for the Cherenkov Telescope Array. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2017</b> , 876, 31-34	1.2	10
448	Fermi-LAT Observations of High-energy Behind-the-limb Solar Flares. <i>Astrophysical Journal</i> , <b>2017</b> , 835, 219	4.7	44
447	SEARCHING THE GAMMA-RAY SKY FOR COUNTERPARTS TO GRAVITATIONAL WAVE SOURCES:FERMIGAMMA-RAY BURST MONITORAND LARGE AREA TELESCOPE OBSERVATIONS OF LVT151012 AND GW151226. <i>Astrophysical Journal</i> , <b>2017</b> , 835, 82	4.7	29
446	Observations of M31 and M33 with the Fermi Large Area Telescope: A Galactic Center Excess in Andromeda?. <i>Astrophysical Journal</i> , <b>2017</b> , 836, 208	4.7	51
445	Gamma-Ray Blazars within the First 2 Billion Years. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 837, L5	7.9	33
444	Search for Cosmic-Ray Electron and Positron Anisotropies with Seven Years of Fermi Large Area Telescope Data. <i>Physical Review Letters</i> , <b>2017</b> , 118, 091103	7.4	34
443	Indirect dark matter searches in gamma and cosmic rays. <i>Nature Physics</i> , <b>2017</b> , 13, 224-231	16.2	30

442	Characterizing the $\gamma$ -ray long-term variability of PKS 2155B04 with H.E.S.S. and Fermi-LAT. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 598, A39	5.1	29
441	The Fermi Galactic Center GeV Excess and Implications for Dark Matter. <i>Astrophysical Journal</i> , <b>2017</b> , 840, 43	4.7	157
440	Prospects for Cherenkov Telescope Array Observations of the Young Supernova Remnant RX J1713.7B946. <i>Astrophysical Journal</i> , <b>2017</b> , 840, 74	4.7	12
439	A polarized fast radio burst at low Galactic latitude. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> ,	4.3	39
438	3FHL: The Third Catalog of Hard Fermi -LAT Sources. <i>Astrophysical Journal, Supplement Series</i> , <b>2017</b> , 232, 18	8	170
437	Multi-messenger Observations of a Binary Neutron Star Merger. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 848, L12	7.9	1935
436	Measurement of the EBL spectral energy distribution using the VHE $\gamma$ -ray spectra of H.E.S.S. blazars. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 606, A59	5.1	35
435	Fermi Observations of the LIGO Event GW170104. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 846, L5	7.9	11
434	The Second Catalog of Flaring Gamma-Ray Sources from the Fermi All-sky Variability Analysis. <i>Astrophysical Journal</i> , <b>2017</b> , 846, 34	4.7	42
433	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> , <b>2017</b> , 843, 139	4.7	46
432	Cosmic-ray electron-positron spectrum from 7 GeV to 2 TeV with the Fermi Large Area Telescope. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	100
431	First limits on the very-high energy gamma-ray afterglow emission of a fast radio burst. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 597, A115	5.1	5
430	The H.E.S.S. multi-messenger program: Searches for TeV gamma-ray emission associated with high-energy neutrinos <b>2017</b> ,		1
429	TeV Gamma-Ray Observations of the Binary Neutron Star Merger GW170817 with H.E.S.S.. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 850, L22	7.9	31
428	Gamma-ray blazar spectra with H.E.S.S. II mono analysis: The case of PKS 2155B04 and PG 1553+113. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 600, A89	5.1	22
427	Diffuse gamma rays in 3D galactic cosmic-ray propagation models <b>2017</b> ,		1
426	3D Magnetohydrodynamic Models of Nonthermal Photon Emission in the Binary System $\eta$ Velorum. <i>Astrophysical Journal</i> , <b>2017</b> , 847, 40	4.7	11
425	First Results of Eta Carinae Observations with H.E.S.S. II <b>2017</b> ,		5

424	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 826, L13	7.9	183
423	Deep view of the Large Magellanic Cloud with six years of Fermi-LAT observations. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 586, A71	5.1	50
422	Resolving the Extragalactic $\gamma$ -Ray Background above 50 GeV with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , <b>2016</b> , 116, 151105	7.4	105
421	FERMI LARGE AREA TELESCOPE DETECTION OF EXTENDED GAMMA-RAY EMISSION FROM THE RADIO GALAXY FORNAX A. <i>Astrophysical Journal</i> , <b>2016</b> , 826, 1	4.7	48
420	SUPPLEMENT: LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914 ([2016, ApJL, 826, L13]). <i>Astrophysical Journal, Supplement Series</i> , <b>2016</b> , 225, 8	8	38
419	Measurement of the high-energy gamma-ray emission from the Moon with the Fermi Large Area Telescope. <i>Physical Review D</i> , <b>2016</b> , 93, 082001	4.9	17
418	Search for Spectral Irregularities due to Photon-Axionlike-Particle Oscillations with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , <b>2016</b> , 116, 161101	7.4	86
417	COLLIDING-WIND BINARIES WITH STRONG MAGNETIC FIELDS. <i>Astrophysical Journal</i> , <b>2016</b> , 831, 121	4.7	8
416	MINUTE-TIMESCALE >100 MeV $\gamma$ -RAY VARIABILITY DURING THE GIANT OUTBURST OF QUASAR 3C 279 OBSERVED BY FERMI -LAT IN 2015 JUNE. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 824, L20	7.9	129
415	Acceleration of petaelectronvolt protons in the Galactic Centre. <i>Nature</i> , <b>2016</b> , 531, 476-9	50.4	237
414	SEARCH FOR GAMMA-RAY EMISSION FROM THE COMA CLUSTER WITH SIX YEARS OF FERMI-LAT DATA. <i>Astrophysical Journal</i> , <b>2016</b> , 819, 149	4.7	67
413	DEEP MORPHOLOGICAL AND SPECTRAL STUDY OF THE SNR RCW 86 WITH FERMI-LAT. <i>Astrophysical Journal</i> , <b>2016</b> , 819, 98	4.7	22
412	CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. <i>Astrophysical Journal</i> , <b>2016</b> , 820, 72	4.7	2
411	2FHL: THE SECOND CATALOG OF HARD FERMI -LAT SOURCES. <i>Astrophysical Journal, Supplement Series</i> , <b>2016</b> , 222, 5	8	189
410	FERMI-LAT OBSERVATIONS OF HIGH-ENERGY $\gamma$ -RAY EMISSION TOWARD THE GALACTIC CENTER. <i>Astrophysical Journal</i> , <b>2016</b> , 819, 44	4.7	230
409	FlashCam: a fully-digital camera for the medium-sized telescopes of the Cherenkov Telescope Array <b>2016</b> ,		2
408	Shaping the GeV-spectra of bright blazars. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 589, A96	5.1	6
407	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. <i>Astrophysical Journal, Supplement Series</i> , <b>2016</b> , 224, 8	8	148



406	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> , <b>2016</b> , 223, 26	8	251
405	FERMI -LAT OBSERVATIONS OF THE LIGO EVENT GW150914. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 823, L2	7.9	42
404	FERMILAT STACKING ANALYSIS OF SWIFT LOCALIZED GRBs. <i>Astrophysical Journal</i> , <b>2016</b> , 822, 68	4.7	4
403	Search for Dark Matter Annihilations towards the Inner Galactic Halo from 10 Years of Observations with H.E.S.S. <i>Physical Review Letters</i> , <b>2016</b> , 117, 111301	7.4	130
402	H.E.S.S. Limits on Linelike Dark Matter Signatures in the 100 GeV to 2 TeV Energy Range Close to the Galactic Center. <i>Physical Review Letters</i> , <b>2016</b> , 117, 151302	7.4	26
401	Astrophysics. The exceptionally powerful TeV $\gamma$ emitters in the Large Magellanic Cloud. <i>Science</i> , <b>2015</b> , 347, 406-12	33.3	80
400	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100 MeV AND 820 GeV. <i>Astrophysical Journal</i> , <b>2015</b> , 799, 86	4.7	421
399	Constraints on an annihilation signal from a core of constant dark matter density around the milky way center with H.E.S.S. <i>Physical Review Letters</i> , <b>2015</b> , 114, 081301	7.4	28
398	Propagation in 3D spiral-arm cosmic-ray source distribution models and secondary particle production using Picard. <i>Astroparticle Physics</i> , <b>2015</b> , 70, 39-53	2.4	22
397	FERMI LARGE AREA TELESCOPE THIRD SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , <b>2015</b> , 218, 23	8	1100
396	SEARCH FOR EARLY GAMMA-RAY PRODUCTION IN SUPERNOVAE LOCATED IN A DENSE CIRCUMSTELLAR MEDIUM WITH THE FERMI LAT. <i>Astrophysical Journal</i> , <b>2015</b> , 807, 169	4.7	23
395	-LAT OBSERVATIONS OF HIGH- AND INTERMEDIATE-VELOCITY CLOUDS: TRACING COSMIC RAYS IN THE HALO OF THE MILKY WAY. <i>Astrophysical Journal</i> , <b>2015</b> , 807,	4.7	28
394	Spiral arms as cosmic ray source distributions. <i>Astroparticle Physics</i> , <b>2015</b> , 64, 18-33	2.4	32
393	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> , <b>2015</b> , 91,	4.9	184
392	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> , <b>2015</b> , 115, 231301	7.4	598
391	FlashCam: a novel Cherenkov telescope camera with continuous signal digitization. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, C01014-C01014	1	1
390	Discovery of variable VHE $\gamma$ emission from the binary system 1FGL J1018.6-8856. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 577, A131	5.1	20
389	PSR J1906+0722: AN ELUSIVE GAMMA-RAY PULSAR. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 809, L2	7.9	14

388	The high-energy $\gamma$ -ray emission of AP Librae. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 573, A31	5.1	17
387	THE ORIGIN OF THE EXTRAGALACTIC GAMMA-RAY BACKGROUND AND IMPLICATIONS FOR DARK MATTER ANNIHILATION. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 800, L27	7.9	140
386	THE 2012 FLARE OF PG 1553+113 SEEN WITH H.E.S.S. AND FERMI-LAT. <i>Astrophysical Journal</i> , <b>2015</b> , 802, 65	4.7	38
385	An extremely bright gamma-ray pulsar in the Large Magellanic Cloud. <i>Science</i> , <b>2015</b> , 350, 801-5	33.3	31
384	Limits on dark matter annihilation signals from the Fermi LAT 4-year measurement of the isotropic gamma-ray background. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2015</b> , 2015, 008-008	6.4	61
383	THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , <b>2015</b> , 810, 14	4.7	391
382	MULTIWAVELENGTH EVIDENCE FOR QUASI-PERIODIC MODULATION IN THE GAMMA-RAY BLAZAR PG 1553+113. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 813, L41	7.9	96
381	SEARCH FOR EXTENDED GAMMA-RAY EMISSION FROM THE VIRGO GALAXY CLUSTER WITH FERMI-LAT. <i>Astrophysical Journal</i> , <b>2015</b> , 812, 159	4.7	38
380	VERY HIGH ENERGY $\gamma$ -RAYS FROM THE UNIVERSE'S MIDDLE AGE: DETECTION OF THE $z = 0.940$ BLAZAR PKS 1441+25 WITH MAGIC. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 815, L23	7.9	57
379	GAMMA-RAY FLARING ACTIVITY FROM THE GRAVITATIONALLY LENSED BLAZAR PKS 1830-111 OBSERVED BY FERMI-LAT. <i>Astrophysical Journal</i> , <b>2015</b> , 799, 143	4.7	37
378	Probing the gamma-ray emission from HESS J1834-087 using H.E.S.S. and Fermi-LAT observations. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 574, A27	5.1	22
377	H.E.S.S. reveals a lack of TeV emission from the supernova remnant Puppis A. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 575, A81	5.1	14
376	H.E.S.S. detection of TeV emission from the interaction region between the supernova remnant G349.7+0.2 and a molecular cloud. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 574, A100	5.1	17
375	The first full orbit of Carinae seen by Fermi. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 577, A100	5.1	24
374	H.E.S.S. detection of TeV emission from the interaction region between the supernova remnant G349.7+0.2 and a molecular cloud (Corrigendum). <i>Astronomy and Astrophysics</i> , <b>2015</b> , 580, C1	5.1	
373	Dark matter constraints from observations of 25 Milky Way satellite galaxies with the Fermi Large Area Telescope. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	320
372	LONG-TERM TeV AND X-RAY OBSERVATIONS OF THE GAMMA-RAY BINARY HESS J0632+057. <i>Astrophysical Journal</i> , <b>2014</b> , 780, 168	4.7	32
371	Fermi-LAT observations of the gamma-ray burst GRB 130427A. <i>Science</i> , <b>2014</b> , 343, 42-7	33.3	172

370	LARGE AREA TELESCOPE OBSERVATIONS OF BLAZAR 3C 279 OCCULTATIONS BY THE SUN. <i>Astrophysical Journal</i> , <b>2014</b> , 784,	4-7	9
369	THE SPECTRUM AND MORPHOLOGY OF THE FERMI BUBBLES. <i>Astrophysical Journal</i> , <b>2014</b> , 793, 64	4-7	197
368	SIMULATING THREE-DIMENSIONAL NON-THERMAL HIGH-ENERGY PHOTON EMISSION IN COLLIDING-WIND BINARIES. <i>Astrophysical Journal</i> , <b>2014</b> , 789, 87	4-7	21
367	IMPULSIVE AND LONG DURATION HIGH-ENERGY GAMMA-RAY EMISSION FROM THE VERY BRIGHT 2012 MARCH 7 SOLAR FLARES. <i>Astrophysical Journal</i> , <b>2014</b> , 789, 20	4-7	81
366	TeV $\gamma$ -ray observations of the young synchrotron-dominated SNRs G1.9+0.3 and G330.2+1.0 with H.E.S.S.. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 441, 790-799	4-3	9
365	The first pulse of the extremely bright GRB 130427A: a test lab for synchrotron shocks. <i>Science</i> , <b>2014</b> , 343, 51-4	33-3	51
364	H.E.S.S. observations of the Crab during its March 2013 GeV gamma-ray flare. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 562, L4	5-1	35
363	Search for extended $\gamma$ -ray emission around AGN with H.E.S.S. and Fermi-LAT. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 562, A145	5-1	34
362	HESS J1818-54, a new composite supernova remnant discovered in TeV gamma rays and X-rays. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 562, A40	5-1	9
361	Flux upper limits for 47 AGN observed with H.E.S.S. in 2004-2011. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 564, A9	5-1	41
360	Long-term monitoring of PKS 2155-04 with ATOM and H.E.S.S.: investigation of optical/ $\gamma$ -ray correlations in different spectral states. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 571, A39	5-1	19
359	Search for TeV Gamma-ray Emission from GRB 100621A, an extremely bright GRB in X-rays, with H.E.S.S.. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 565, A16	5-1	169
358	Diffuse Galactic gamma-ray emission with H.E.S.S.. <i>Physical Review D</i> , <b>2014</b> , 90,	4-9	39
357	Search for dark matter annihilation signatures in H.E.S.S. observations of dwarf spheroidal galaxies. <i>Physical Review D</i> , <b>2014</b> , 90,	4-9	68
356	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , <b>2014</b> , 787, 18	4-7	96
355	DISCOVERY OF THE HARD SPECTRUM VHE $\gamma$ -RAY SOURCE HESS J1641-63. <i>Astrophysical Journal Letters</i> , <b>2014</b> , 794, L1	7-9	21
354	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4C +21.35 DURING THE 2010 FLARING ACTIVITY. <i>Astrophysical Journal</i> , <b>2014</b> , 786, 157	4-7	29
353	HIGH-ENERGY PARTICLE TRANSPORT IN THREE-DIMENSIONAL HYDRODYNAMIC MODELS OF COLLIDING-WIND BINARIES. <i>Astrophysical Journal</i> , <b>2014</b> , 782, 96	4-7	17

352	HESS J1640-65 An exceptionally luminous TeV $\gamma$ -ray supernova remnant. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 439, 2828-2836	4.3	18
351	Status of the photomultiplier-based FlashCam camera for the Cherenkov Telescope Array <b>2014</b> ,		2
350	Inferred cosmic-ray spectrum from Fermi large area telescope $\gamma$ -ray observations of Earth's limb. <i>Physical Review Letters</i> , <b>2014</b> , 112, 151103	7.4	25
349	HIGH-ENERGY GAMMA-RAY EMISSION FROM SOLAR FLARES: SUMMARY OFFERMILARGE AREA TELESCOPE DETECTIONS AND ANALYSIS OF TWO M-CLASS FLARES. <i>Astrophysical Journal</i> , <b>2014</b> , 787, 15	4.7	81
348	DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. <i>Astrophysical Journal Letters</i> , <b>2014</b> , 785, L16	7.9	32
347	Discovery of the VHE gamma-ray source HESS J1832-093 in the vicinity of SNR G22.70.2. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 446, 1163-1169	4.3	10
346	Novae. Fermi establishes classical novae as a distinct class of gamma-ray sources. <i>Science</i> , <b>2014</b> , 345, 554-8	33.3	106
345	Six faint gamma-ray pulsars seen with the Fermi Large Area Telescope. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 570, A44	5.1	18
344	Search for gamma-ray spectral lines with the Fermi Large Area Telescope and dark matter implications. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	155
343	PSR J2021+4026 IN THE GAMMA CYGNI REGION: THE FIRST VARIABLE $\gamma$ -RAY PULSAR SEEN BY THE Fermi LAT. <i>Astrophysical Journal Letters</i> , <b>2013</b> , 777, L2	7.9	52
342	H.E.S.S. discovery of VHE $\gamma$ -rays from the quasar PKS 1510-089. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 554, A107	5.1	66
341	Constraints on axionlike particles with H.E.S.S. from the irregularity of the PKS 2155-04 energy spectrum. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	74
340	CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USING FERMILARGE AREA TELESCOPE OBSERVATIONS. <i>Astrophysical Journal</i> , <b>2013</b> , 773, 77	4.7	70
339	Detection of the characteristic pion-decay signature in supernova remnants. <i>Science</i> , <b>2013</b> , 339, 807-11	33.3	475
338	Introducing the CTA concept. <i>Astroparticle Physics</i> , <b>2013</b> , 43, 3-18	2.4	389
337	Gamma-ray signatures of cosmic ray acceleration, propagation, and confinement in the era of CTA. <i>Astroparticle Physics</i> , <b>2013</b> , 43, 276-286	2.4	15
336	DETERMINATION OF THE POINT-SPREAD FUNCTION FOR THE FERMILARGE AREA TELESCOPE FROM ON-ORBIT DATA AND LIMITS ON PAIR HALOS OF ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , <b>2013</b> , 765, 54	4.7	56
335	Search for photon-lineline signatures from dark matter annihilations with H.E.S.S. <i>Physical Review Letters</i> , <b>2013</b> , 110, 041301	7.4	155

334	Measurement of the extragalactic background light imprint on the spectra of the brightest blazars observed with H.E.S.S.. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 550, A4	5.1	122
333	Studies of active galactic nuclei with CTA. <i>Astroparticle Physics</i> , <b>2013</b> , 43, 103-111	2.4	13
332	Binaries with the eyes of CTA. <i>Astroparticle Physics</i> , <b>2013</b> , 43, 301-316	2.4	18
331	HESS and Fermi-LAT discovery of $\gamma$ -rays from the blazar 1ES1312-23. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 434, 1889-1901	4.3	21
330	LEPTONIC AND HADRONIC MODELING OFFERMI-DETECTED BLAZARS. <i>Astrophysical Journal</i> , <b>2013</b> , 768, 54	4.7	364
329	THE SECOND FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , <b>2013</b> , 208, 17	8	583
328	THE FIRST FERMI -LAT GAMMA-RAY BURST CATALOG. <i>Astrophysical Journal, Supplement Series</i> , <b>2013</b> , 209, 11	8	203
327	ASSOCIATING LONG-TERM $\gamma$ -RAY VARIABILITY WITH THE SUPERORBITAL PERIOD OF LS I +61 $\beta$ 03. <i>Astrophysical Journal Letters</i> , <b>2013</b> , 773, L35	7.9	34
326	THE FIRST FERMI -LAT CATALOG OF SOURCES ABOVE 10 GeV. <i>Astrophysical Journal, Supplement Series</i> , <b>2013</b> , 209, 34	8	160
325	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> , <b>2013</b> , 771, 57	4.7	43
324	MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. <i>Astrophysical Journal</i> , <b>2013</b> , 763, 71	4.7	64
323	Fermi-LAT upper limits on gamma-ray emission from colliding wind binaries. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 555, A102	5.1	19
322	Search for very-high-energy $\gamma$ -ray emission from Galactic globular clusters with H.E.S.S.. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 551, A26	5.1	12
321	Discovery of very high energy $\gamma$ -ray emission from the BL Lacertae object PKS 0301-43 with H.E.S.S.. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 559, A136	5.1	18
320	Discovery of TeV $\gamma$ -ray emission from PKS 0447-439 and derivation of an upper limit on its redshift. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 552, A118	5.1	26
319	H.E.S.S. observations of the binary system PSR B1259-63/LS 2883 around the 2010/2011 periastron passage. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 551, A94	5.1	29
318	Leptonic and Hadronic Modeling of Fermi-Detected Blazars. <i>EPJ Web of Conferences</i> , <b>2013</b> , 61, 05003	0.3	3
317	Discovery of high and very high-energy emission from the BL Lacertae object SHBL J001355.9-85406. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 554, A72	5.1	14

316	HESS observations of the Carina nebula and its enigmatic colliding wind binary Eta Carinae. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 424, 128-135	4.3	16
315	The multi-dimensional nature of environmental attitudes among farmers in Indiana: implications for conservation adoption. <i>Agriculture and Human Values</i> , <b>2012</b> , 29, 29-40	2.7	137
314	SEARCH FOR DARK MATTER SATELLITES USING FERMI-LAT. <i>Astrophysical Journal</i> , <b>2012</b> , 747, 121	4.7	120
313	Probing the origin of giant radio haloes through radio and $\gamma$ -ray data: the case of the Coma cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 426, 956-968	4.3	63
312	Publisher's Note: Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT [Phys. Rev. D 85, 083007 (2012)]. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	12
311	GRIPS - Gamma-Ray Imaging, Polarimetry and Spectroscopy. <i>Experimental Astronomy</i> , <b>2012</b> , 34, 551-582	1.3	41
310	CONSTRAINING THE HIGH-ENERGY EMISSION FROM GAMMA-RAY BURSTS WITH FERMI. <i>Astrophysical Journal</i> , <b>2012</b> , 754, 121	4.7	11
309	Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	73
308	CONSTRAINTS ON THE GALACTIC HALO DARK MATTER FROM FERMI-LAT DIFFUSE MEASUREMENTS. <i>Astrophysical Journal</i> , <b>2012</b> , 761, 91	4.7	148
307	FERMI LARGE AREA TELESCOPE STUDY OF COSMIC RAYS AND THE INTERSTELLAR MEDIUM IN NEARBY MOLECULAR CLOUDS. <i>Astrophysical Journal</i> , <b>2012</b> , 755, 22	4.7	46
306	FERMI LARGE AREA TELESCOPE SECOND SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , <b>2012</b> , 199, 31	8	1003
305	The time-dependent one-zone hadronic model. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 546, A120	5.1	53
304	THE LUMINOSITY FUNCTION OF FERMI-DETECTED FLAT-SPECTRUM RADIO QUASARS. <i>Astrophysical Journal</i> , <b>2012</b> , 751, 108	4.7	167
303	Discovery of VHE emission towards the Carina arm region with the H.E.S.S. telescope array: HESS J1018-89. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 541, A5	5.1	26
302	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT G8.7-1. <i>Astrophysical Journal</i> , <b>2012</b> , 744, 80	4.7	36
301	Discovery of VHE $\gamma$ -ray emission and multi-wavelength observations of the BL Lacertae object 1RXS J101015.9-11909. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 542, A94	5.1	20
300	Gamma-ray follow-up studies on Eta Carinae. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 544, A98	5.1	26
299	Constraints on the gamma-ray emission from the cluster-scale AGN outburst in the Hydra A galaxy cluster. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 545, A103	5.1	6

298	Discovery of gamma-ray emission from the extragalactic pulsar wind nebula N 157B with H.E.S.S.. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 545, L2	5.1	13
297	Radio-faint BL Lac objects and their impact on the radio/gamma-ray connection. <i>Advances in Space Research</i> , <b>2012</b> , 49, 1320-1326	2.4	11
296	In-flight measurement of the absolute energy scale of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , <b>2012</b> , 35, 346-353	2.4	24
295	Binary millisecond pulsar discovery via gamma-ray pulsations. <i>Science</i> , <b>2012</b> , 338, 1314-7	33.3	78
294	THE 2010 VERY HIGH ENERGY $\gamma$ RAY FLARE AND 10 YEARS OF MULTI-WAVELENGTH OBSERVATIONS OF M 87. <i>Astrophysical Journal</i> , <b>2012</b> , 746, 151	4.7	117
293	Fermi LAT search for dark matter in gamma-ray lines and the inclusive photon spectrum. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	161
292	Measurement of separate cosmic-ray electron and positron spectra with the fermi large area telescope. <i>Physical Review Letters</i> , <b>2012</b> , 108, 011103	7.4	378
291	The imprint of the extragalactic background light in the gamma-ray spectra of blazars. <i>Science</i> , <b>2012</b> , 338, 1190-2	33.3	182
290	Periodic emission from the gamma-ray binary 1FGL J1018.6-5856. <i>Science</i> , <b>2012</b> , 335, 189-93	33.3	66
289	THE FERMI LARGE AREA TELESCOPE ON ORBIT: EVENT CLASSIFICATION, INSTRUMENT RESPONSE FUNCTIONS, AND CALIBRATION. <i>Astrophysical Journal, Supplement Series</i> , <b>2012</b> , 203, 4	8	356
288	ASSESSING THE SIGNIFICANCE OF APPARENT CORRELATIONS BETWEEN RADIO AND GAMMA-RAY BLAZAR FLUXES. <i>Astrophysical Journal</i> , <b>2012</b> , 751, 149	4.7	33
287	Discovery of hard-spectrum $\gamma$ ray emission from the BL Lacertae object 1ES 0414+009. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 538, A103	5.1	37
286	GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , <b>2012</b> , 755, 164	4.7	245
285	FERMI OBSERVATIONS OF $\gamma$ RAY EMISSION FROM THE MOON. <i>Astrophysical Journal</i> , <b>2012</b> , 758, 140	4.7	17
284	GAMMA-RAY OBSERVATIONS OF THE ORION MOLECULAR CLOUDS WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , <b>2012</b> , 756, 4	4.7	34
283	GRB110721A: AN EXTREME PEAK ENERGY AND SIGNATURES OF THE PHOTOSPHERE. <i>Astrophysical Journal Letters</i> , <b>2012</b> , 757, L31	7.9	129
282	Identification of HESS J1303-631 as a pulsar wind nebula through $\gamma$ ray, X-ray, and radio observations. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 548, A46	5.1	19
281	Probing the extent of the non-thermal emission from the Vela X region at TeV energies with H.E.S.S.. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 548, A38	5.1	65

280	Simultaneous Planck, Swift, and Fermi observations of X-ray and $\gamma$ -ray selected blazars. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 541, A160	5.1	145
279	SEARCH FOR GAMMA-RAY EMISSION FROM X-RAY-SELECTED SEYFERT GALAXIES WITH FERMI-LAT. <i>Astrophysical Journal</i> , <b>2012</b> , 747, 104	4.7	41
278	FERMI DETECTION OF $\gamma$ -RAY EMISSION FROM THE M2 SOFT X-RAY FLARE ON 2010 JUNE 12. <i>Astrophysical Journal</i> , <b>2012</b> , 745, 144	4.7	52
277	A STATISTICAL APPROACH TO RECOGNIZING SOURCE CLASSES FOR UNASSOCIATED SOURCES IN THE FIRST FERMI-LAT CATALOG. <i>Astrophysical Journal</i> , <b>2012</b> , 753, 83	4.7	85
276	The cosmic-ray and gas content of the Cygnus region as measured in $\gamma$ -rays by the Fermi Large Area Telescope. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 538, A71	5.1	38
275	FERMI-LAT OBSERVATIONS OF THE DIFFUSE $\gamma$ -RAY EMISSION: IMPLICATIONS FOR COSMIC RAYS AND THE INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , <b>2012</b> , 750, 3	4.7	405
274	SPECTRAL ANALYSIS AND INTERPRETATION OF THE $\gamma$ -RAY EMISSION FROM THE STARBURST GALAXY NGC 253. <i>Astrophysical Journal</i> , <b>2012</b> , 757, 158	4.7	50
273	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , <b>2012</b> , 751, 159	4.7	40
272	THE STRUCTURE AND EMISSION MODEL OF THE RELATIVISTIC JET IN THE QUASAR 3C 279 INFERRED FROM RADIO TO HIGH-ENERGY $\gamma$ -RAY OBSERVATIONS IN 2008-2010. <i>Astrophysical Journal</i> , <b>2012</b> , 754, 114	4.7	129
271	On the Physics of Hadronic Blazar Emission Models. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 355, 012014	10	10
270	A multiwavelength view of the flaring state of PKS 155-304 in 2006. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 539, A149	5.1	41
269	Discovery of extended VHE $\gamma$ -ray emission from the vicinity of the young massive stellar cluster Westerlund 1. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 537, A114	5.1	54
268	SEARCH FOR DARK MATTER ANNIHILATION SIGNALS FROM THE FORNAX GALAXY CLUSTER WITH H.E.S.S.. <i>Astrophysical Journal</i> , <b>2012</b> , 750, 123	4.7	40
267	Detection of very-high-energy $\gamma$ -ray emission from the vicinity of PSR B1706-4 and G 343.1-3 with H.E.S.S.. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 528, A143	5.1	14
266	DETECTION OF HIGH-ENERGY GAMMA-RAY EMISSION DURING THE X-RAY FLARING ACTIVITY IN GRB 100728A. <i>Astrophysical Journal Letters</i> , <b>2011</b> , 734, L27	7.9	32
265	Very-high-energy gamma-ray emission from the direction of the Galactic globular cluster Terzan 5. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 531, L18	5.1	32
264	Discovery of the source HESS 1356-645 associated with the young and energetic PSR 1357-6429. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 533, A103	5.1	28
263	Primary particle acceleration above 100 TeV in the shell-type supernova remnant RX J1713.7-946 with deep H.E.S.S. observations (Corrigendum). <i>Astronomy and Astrophysics</i> , <b>2011</b> , 531, C1	5.1	20



262	Hadronic beam models for quasars and microquasars. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 528, L2	5.1	11
261	Revisiting the Westerlund 2 field with the HESS telescope array. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 525, A46	5.1	43
260	Investigation of the recombination of the retarded shell of Born-again CSPNe by time-dependent radiative transfer models. <i>Proceedings of the International Astronomical Union</i> , <b>2011</b> , 7, 412-413	0.1	
259	RADIO AND RAY CONSTRAINTS ON THE EMISSION GEOMETRY AND BIRTHPLACE OF PSR J2043+2740. <i>Astrophysical Journal</i> , <b>2011</b> , 728, 77	4.7	9
258	OBSERVATIONS OF THE YOUNG SUPERNOVA REMNANT RX J1713.7-946 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , <b>2011</b> , 734, 28	4.7	193
257	RAY AND PARSEC-SCALE JET PROPERTIES OF A COMPLETE SAMPLE OF BLAZARS FROM THE MOJAVE PROGRAM. <i>Astrophysical Journal</i> , <b>2011</b> , 742, 27	4.7	85
256	DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259-33/LS 2883 AROUND PERIASTRON WITH FERMI. <i>Astrophysical Journal Letters</i> , <b>2011</b> , 736, L11	7.9	117
255	FERMI-LAT SEARCH FOR PULSAR WIND NEBULAE AROUND GAMMA-RAY PULSARS. <i>Astrophysical Journal</i> , <b>2011</b> , 726, 35	4.7	55
254	THE RADIO/GAMMA-RAY CONNECTION IN ACTIVE GALACTIC NUCLEI IN THE ERA OF THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , <b>2011</b> , 741, 30	4.7	102
253	MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER. <i>Astrophysical Journal</i> , <b>2011</b> , 726, 43	4.7	59
252	CONSTRAINTS ON THE COSMIC-RAY DENSITY GRADIENT BEYOND THE SOLAR CIRCLE FROM FERMI RAY OBSERVATIONS OF THE THIRD GALACTIC QUADRANT. <i>Astrophysical Journal</i> , <b>2011</b> , 726, 81	4.7	88
251	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF TWO GAMMA-RAY EMISSION COMPONENTS FROM THE QUIESCENT SUN. <i>Astrophysical Journal</i> , <b>2011</b> , 734, 116	4.7	68
250	Discovery and follow-up studies of the extended, off-plane, VHE gamma-ray source HESS J1507-622. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 525, A45	5.1	21
249	DETECTION OF A SPECTRAL BREAK IN THE EXTRA HARD COMPONENT OF GRB 090926A. <i>Astrophysical Journal</i> , <b>2011</b> , 729, 114	4.7	152
248	A new SNR with TeV shell-type morphology: HESS J1731-347. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 531, A81	5.1	68
247	Simultaneous multi-wavelength campaign on PKS 2005-489 in a high state. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 533, A110	5.1	15
246	HESS J1943+213: a candidate extreme BL Lacertae object. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 529, A49	5.1	26
245	H.E.S.S. OBSERVATIONS OF THE GLOBULAR CLUSTERS NGC 6388 AND M15 AND SEARCH FOR A DARK MATTER SIGNAL. <i>Astrophysical Journal</i> , <b>2011</b> , 735, 12	4.7	25

244	THE FIRST FERMI MULTIFREQUENCY CAMPAIGN ON BL LACERTAE: CHARACTERIZING THE LOW-ACTIVITY STATE OF THE EPONYMOUS BLAZAR. <i>Astrophysical Journal</i> , <b>2011</b> , 730, 101	4.7	46
243	FERMI GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF THE GAMMA-RAY OUTBURST FROM 3C454.3 IN NOVEMBER 2010. <i>Astrophysical Journal Letters</i> , <b>2011</b> , 733, L26	7.9	153
242	Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy. <i>Experimental Astronomy</i> , <b>2011</b> , 32, 193-316	1.3	496
241	H.E.S.S. constraints on dark matter annihilations towards the sculptor and carina dwarf galaxies. <i>Astroparticle Physics</i> , <b>2011</b> , 34, 608-616	2.4	66
240	Constraints on dark matter models from a Fermi LAT search for high-energy cosmic-ray electrons from the Sun. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	26
239	Search for Lorentz Invariance breaking with a likelihood fit of the PKS 2155-304 flare data taken on MJD 53944. <i>Astroparticle Physics</i> , <b>2011</b> , 34, 738-747	2.4	81
238	INSIGHTS INTO THE HIGH-ENERGY $\gamma$ RAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THE FERMI ERA. <i>Astrophysical Journal</i> , <b>2011</b> , 727, 129	4.7	159
237	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION. <i>Astrophysical Journal</i> , <b>2011</b> , 736, 131	4.7	212
236	Constraining dark matter models from a combined analysis of Milky Way satellites with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , <b>2011</b> , 107, 241302	7.4	414
235	Search for a dark matter annihilation signal from the galactic center halo with H.E.S.S. <i>Physical Review Letters</i> , <b>2011</b> , 106, 161301	7.4	169
234	Gamma-ray flares from the Crab Nebula. <i>Science</i> , <b>2011</b> , 331, 739-42	33.3	263
233	Fermi detection of a luminous $\gamma$ ray pulsar in a globular cluster. <i>Science</i> , <b>2011</b> , 334, 1107-10	33.3	51
232	Suzaku Observation of the Unidentified Very High Energy Gamma-Ray Source HESS J1702-420. <i>Publication of the Astronomical Society of Japan</i> , <b>2011</b> , 63, S857-S864	3.2	6
231	THE SECOND CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , <b>2011</b> , 743, 171	4.7	473
230	Localizing the VHE $\gamma$ ray source at the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2010</b> , 402, 1877-1882	4.3	49
229	A change in the optical polarization associated with a gamma-ray flare in the blazar 3C 279. <i>Nature</i> , <b>2010</b> , 463, 919-23	50.4	254
228	FERMI OBSERVATIONS OF THE VERY HARD GAMMA-RAY BLAZAR PG 1553+113. <i>Astrophysical Journal</i> , <b>2010</b> , 708, 1310-1320	4.7	37
227	Fermi gamma-ray imaging of a radio galaxy. <i>Science</i> , <b>2010</b> , 328, 725-9	33.3	168

226	Gamma-ray emission from the shell of supernova remnant W44 revealed by the Fermi LAT. <i>Science</i> , <b>2010</b> , 327, 1103-6	33.3	201
225	THE SPECTRAL ENERGY DISTRIBUTION OFFERMIBRIGHT BLAZARS. <i>Astrophysical Journal</i> , <b>2010</b> , 716, 30-70	4.7	580
224	Gamma-ray emission concurrent with the nova in the symbiotic binary V407 Cygni. <i>Science</i> , <b>2010</b> , 329, 817-21	33.3	138
223	Constraints on cosmological dark matter annihilation from the Fermi-LAT isotropic diffuse gamma-ray measurement. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2010</b> , 2010, 014-014	6.4	118
222	FERMI LARGE AREA TELESCOPE FIRST SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , <b>2010</b> , 188, 405-436	8	754
221	Spectrum of the isotropic diffuse gamma-ray emission derived from first-year Fermi Large Area Telescope data. <i>Physical Review Letters</i> , <b>2010</b> , 104, 101101	7.4	396
220	Fermi large area telescope search for photon lines from 30 to 200 GeV and dark matter implications. <i>Physical Review Letters</i> , <b>2010</b> , 104, 091302	7.4	153
219	FERMILARGE AREA TELESCOPE CONSTRAINTS ON THE GAMMA-RAY OPACITY OF THE UNIVERSE. <i>Astrophysical Journal</i> , <b>2010</b> , 723, 1082-1096	4.7	101
218	FERMI 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> , <b>2010</b> , 716, 1178-1190	4.7	269
217	THE DISCOVERY OF $\gamma$ RAY EMISSION FROM THE BLAZAR RGB J0710+591. <i>Astrophysical Journal Letters</i> , <b>2010</b> , 715, L49-L55	7.9	59
216	Detection of the Small Magellanic Cloud in gamma-rays with Fermi/LAT. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 523, A46	5.1	65
215	Searches for cosmic-ray electron anisotropies with the Fermi Large Area Telescope. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	58
214	Fermi LAT observations of cosmic-ray electrons from 7 GeV to 1 TeV. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	249
213	THE FIRST FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , <b>2010</b> , 187, 460-494	8	365
212	Observations of the Large Magellanic Cloud with Fermi. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 512, A7	5.1	98
211	GAMMA-RAY AND RADIO PROPERTIES OF SIX PULSARS DETECTED BY THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , <b>2010</b> , 708, 1426-1441	4.7	47
210	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA-X PULSAR WIND NEBULA. <i>Astrophysical Journal</i> , <b>2010</b> , 713, 146-153	4.7	59
209	THE FIRST CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , <b>2010</b> , 715, 429-457	4.7	375

208	A population of gamma-ray emitting globular clusters seen with the Fermi Large Area Telescope. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 524, A75	5.1	110
207	FERMILARGE AREA TELESCOPE OBSERVATIONS OF GAMMA-RAY PULSARS PSR J1057B226, J1709B429, AND J1952+3252. <i>Astrophysical Journal</i> , <b>2010</b> , 720, 26-40	4.7	21
206	FERMI-LAT OBSERVATIONS OF THE GEMINGA PULSAR. <i>Astrophysical Journal</i> , <b>2010</b> , 720, 272-283	4.7	50
205	THE FERMI-LAT HIGH-LATITUDE SURVEY: SOURCE COUNT DISTRIBUTIONS AND THE ORIGIN OF THE EXTRAGALACTIC DIFFUSE BACKGROUND. <i>Astrophysical Journal</i> , <b>2010</b> , 720, 435-453	4.7	158
204	SEARCH FOR GAMMA-RAY EMISSION FROM MAGNETARS WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal Letters</i> , <b>2010</b> , 725, L73-L78	7.9	38
203	Multi-wavelength observations of H 2356B09. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 516, A56	5.1	32
202	VHE $\gamma$ emission of PKS 2155B04: spectral and temporal variability. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 520, A83	5.1	67
201	GAMMA-RAY LIGHT CURVES AND VARIABILITY OF BRIGHT FERMI-DETECTED BLAZARS. <i>Astrophysical Journal</i> , <b>2010</b> , 722, 520-542	4.7	247
200	Fermi Large Area Telescope observations of Local Group galaxies: detection of M 31 and search for M 33. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 523, L2	5.1	83
199	DISCOVERY OF VERY HIGH ENERGY GAMMA RAYS FROM PKS 1424+240 AND MULTI-WAVELENGTH CONSTRAINTS ON ITS REDSHIFT. <i>Astrophysical Journal Letters</i> , <b>2010</b> , 708, L100-L106	7.9	55
198	OBSERVATION OF SUPERNOVA REMNANT IC 443 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , <b>2010</b> , 712, 459-468	4.7	187
197	FERMI DETECTION OF DELAYED GeV EMISSION FROM THE SHORT GAMMA-RAY BURST 081024B. <i>Astrophysical Journal</i> , <b>2010</b> , 712, 558-564	4.7	52
196	DETECTION OF THE ENERGETIC PULSAR PSR B1509B8 AND ITS PULSAR WIND NEBULA IN MSH 15B2 USING THE FERMI-LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , <b>2010</b> , 714, 927-936	4.7	65
195	FERMI -LARGE AREA TELESCOPE OBSERVATIONS OF THE EXCEPTIONAL GAMMA-RAY OUTBURSTS OF 3C 273 IN 2009 SEPTEMBER. <i>Astrophysical Journal Letters</i> , <b>2010</b> , 714, L73-L78	7.9	47
194	DETECTION OF GAMMA-RAY EMISSION FROM THE STARBURST GALAXIES M82 AND NGC 253 WITH THE LARGE AREA TELESCOPE ON FERMI. <i>Astrophysical Journal Letters</i> , <b>2010</b> , 709, L152-L157	7.9	161
193	GeV GAMMA-RAY FLUX UPPER LIMITS FROM CLUSTERS OF GALAXIES. <i>Astrophysical Journal Letters</i> , <b>2010</b> , 717, L71-L78	7.9	129
192	SWIFT AND FERMI OBSERVATIONS OF THE EARLY AFTERGLOW OF THE SHORT GAMMA-RAY BURST 090510. <i>Astrophysical Journal Letters</i> , <b>2010</b> , 709, L146-L151	7.9	120
191	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF THE CRAB PULSAR AND NEBULA. <i>Astrophysical Journal</i> , <b>2010</b> , 708, 1254-1267	4.7	213

190	DISCOVERY OF PULSED $\gamma$ RAYS FROM PSR J0034-0534 WITH THE FERMI LARGE AREA TELESCOPE: A CASE FOR CO-LOCATED RADIO AND $\gamma$ RAY EMISSION REGIONS. <i>Astrophysical Journal</i> , <b>2010</b> , 712, 957-963	4.7	43
189	FERMI LARGE AREA TELESCOPE VIEW OF THE CORE OF THE RADIO GALAXY CENTAURUS A. <i>Astrophysical Journal</i> , <b>2010</b> , 719, 1433-1444	4.7	125
188	PSR J1907+0602: A RADIO-FAINT GAMMA-RAY PULSAR POWERING A BRIGHT TeV PULSAR WIND NEBULA. <i>Astrophysical Journal</i> , <b>2010</b> , 711, 64-74	4.7	64
187	FERMI -LAT DISCOVERY OF GeV GAMMA-RAY EMISSION FROM THE YOUNG SUPERNOVA REMNANT CASSIOPEIA A. <i>Astrophysical Journal Letters</i> , <b>2010</b> , 710, L92-L97	7.9	134
186	PKS 1502+106: A NEW AND DISTANT GAMMA-RAY BLAZAR IN OUTBURST DISCOVERED BY THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , <b>2010</b> , 710, 810-827	4.7	75
185	GALAXY CLUSTERS IN THE SWIFT/BAT ERA. II. 10 MORE CLUSTERS DETECTED ABOVE 15 keV. <i>Astrophysical Journal</i> , <b>2010</b> , 725, 1688-1706	4.7	28
184	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF PSR J1836+5925. <i>Astrophysical Journal</i> , <b>2010</b> , 712, 1209-1218	4.7	30
183	SUZAKU OBSERVATIONS OF LUMINOUS QUASARS: REVEALING THE NATURE OF HIGH-ENERGY BLAZAR EMISSION IN LOW-LEVEL ACTIVITY STATES. <i>Astrophysical Journal</i> , <b>2010</b> , 716, 835-849	4.7	20
182	FERMI-LAT STUDY OF GAMMA-RAY EMISSION IN THE DIRECTION OF SUPERNOVA REMNANT W49B. <i>Astrophysical Journal</i> , <b>2010</b> , 722, 1303-1311	4.7	82
181	FERMI LARGE AREA TELESCOPE OBSERVATION OF A GAMMA-RAY SOURCE AT THE POSITION OF $\eta$ CARINAE. <i>Astrophysical Journal</i> , <b>2010</b> , 723, 649-657	4.7	55
180	EIGHT $\gamma$ RAY PULSARS DISCOVERED IN BLIND FREQUENCY SEARCHES OF FERMI-LAT DATA. <i>Astrophysical Journal</i> , <b>2010</b> , 725, 571-584	4.7	108
179	OBSERVATIONS OF MILKY WAY DWARF SPHEROIDAL GALAXIES WITH THE FERMI-LARGE AREA TELESCOPE DETECTOR AND CONSTRAINTS ON DARK MATTER MODELS. <i>Astrophysical Journal</i> , <b>2010</b> , 712, 147-158	4.7	224
178	First detection of VHE $\gamma$ rays from SN 2006 by HESS. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 516, A62	5.1	123
177	THE VELA PULSAR: RESULTS FROM THE FIRST YEAR OF FERMI-LAT OBSERVATIONS. <i>Astrophysical Journal</i> , <b>2010</b> , 713, 154-165	4.7	86
176	FERMI OBSERVATIONS OF CASSIOPEIA AND CEPHEUS: DIFFUSE GAMMA-RAY EMISSION IN THE OUTER GALAXY. <i>Astrophysical Journal</i> , <b>2010</b> , 710, 133-149	4.7	156
175	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT W28 (G6.40.1). <i>Astrophysical Journal</i> , <b>2010</b> , 718, 348-356	4.7	163
174	FERMI OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 090217A. <i>Astrophysical Journal Letters</i> , <b>2010</b> , 717, L127-L132	7.9	23
173	SPECTRAL PROPERTIES OF BRIGHT FERMI-DETECTED BLAZARS IN THE GAMMA-RAY BAND. <i>Astrophysical Journal</i> , <b>2010</b> , 710, 1271-1285	4.7	150

172	FERMILARGE AREA TELESCOPE OBSERVATIONS OF MISALIGNED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , <b>2010</b> , 720, 912-922	4-7	133
171	FERMI GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF GAMMA-RAY OUTBURSTS FROM 3C 454.3 IN 2009 DECEMBER AND 2010 APRIL. <i>Astrophysical Journal</i> , <b>2010</b> , 721, 1383-1396	4-7	122
170	FERMILARGE AREA TELESCOPE AND MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING ACTIVITY OF PKS 1510-089 BETWEEN 2008 SEPTEMBER AND 2009 JUNE. <i>Astrophysical Journal</i> , <b>2010</b> , 721, 1425-1447	4-7	91
169	Lorentz invariance under scrutiny of recent high-energy gamma-ray observations. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2010</b> , 203-204, 33-44		1
168	Detection of very high energy radiation from HESS J1908+063 confirms the Milagro unidentified source MGRO J1908+06. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 499, 723-728	5-1	45
167	SIMULTANEOUS OBSERVATIONS OF PKS 2155-04 WITH HESS, FERMI, RXTE, AND ATOM: SPECTRAL ENERGY DISTRIBUTIONS AND VARIABILITY IN A LOW STATE. <i>Astrophysical Journal</i> , <b>2009</b> , 696, L150-L155	4-7	133
166	DISCOVERY OF PULSED G-RAYS FROM THE YOUNG RADIO PULSAR PSR J1028-5819 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , <b>2009</b> , 695, L72-L77	4-7	31
165	FERMI/LARGE AREA TELESCOPE DISCOVERY OF GAMMA-RAY EMISSION FROM THE FLAT-SPECTRUM RADIO QUASAR PKS 1454-54. <i>Astrophysical Journal</i> , <b>2009</b> , 697, 934-941	4-7	34
164	DISCOVERY OF PULSATIONS FROM THE PULSAR J0205+6449 IN SNR 3C 58 WITH THE FERMI GAMMA-RAY SPACE TELESCOPE. <i>Astrophysical Journal</i> , <b>2009</b> , 699, L102-L107	4-7	31
163	IMPLICATIONS OF THE VERY HIGH ENERGY GAMMA-RAY DETECTION OF THE QUASAR 3C279. <i>Astrophysical Journal</i> , <b>2009</b> , 703, 1168-1175	4-7	80
162	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE VELA PULSAR. <i>Astrophysical Journal</i> , <b>2009</b> , 696, 1084-1093	4-7	111
161	PULSED GAMMA RAYS FROM THE MILLISECOND PULSAR J0030+0451 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , <b>2009</b> , 699, 1171-1177	4-7	36
160	FERMI/LARGE AREA TELESCOPE DISCOVERY OF GAMMA-RAY EMISSION FROM A RELATIVISTIC JET IN THE NARROW-LINE QUASAR PMN J0948+0022. <i>Astrophysical Journal</i> , <b>2009</b> , 699, 976-984	4-7	140
159	EARLY FERMI GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF THE QUASAR 3C 454.3. <i>Astrophysical Journal</i> , <b>2009</b> , 699, 817-823	4-7	133
158	FERMILARGE AREA TELESCOPE GAMMA-RAY DETECTION OF THE RADIO GALAXY M87. <i>Astrophysical Journal</i> , <b>2009</b> , 707, 55-60	4-7	138
157	FERMI OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 080825C. <i>Astrophysical Journal</i> , <b>2009</b> , 707, 580-592	4-7	53
156	Fermi large area telescope measurements of the diffuse gamma-ray emission at intermediate galactic latitudes. <i>Physical Review Letters</i> , <b>2009</b> , 103, 251101	7-4	129
155	FERMI /LARGE AREA TELESCOPE BRIGHT GAMMA-RAY SOURCE LIST. <i>Astrophysical Journal, Supplement Series</i> , <b>2009</b> , 183, 46-66	8	357

154	Detection of gamma rays from a starburst galaxy. <i>Science</i> , <b>2009</b> , 326, 1080-2	33.3	145
153	HADRON-INITIATED EMISSION PROCESSES IN BLAZAR JETS. <i>International Journal of Modern Physics D</i> , <b>2009</b> , 18, 1511-1515	2.2	7
152	FERMILAT OBSERVATION OF DIFFUSE GAMMA RAYS PRODUCED THROUGH INTERACTIONS BETWEEN LOCAL INTERSTELLAR MATTER AND HIGH-ENERGY COSMIC RAYS. <i>Astrophysical Journal</i> , <b>2009</b> , 703, 1249-1256	4.7	92
151	FERMILARGE AREA TELESCOPE DETECTION OF PULSED $\gamma$ RAYS FROM THE VELA-LIKE PULSARS PSR J1048+5832 AND PSR J2229+6114. <i>Astrophysical Journal</i> , <b>2009</b> , 706, 1331-1340	4.7	36
150	Fermi observations of high-energy gamma-ray emission from GRB 080916C. <i>Science</i> , <b>2009</b> , 323, 1688-93	33.3	467
149	Detection of high-energy gamma-ray emission from the globular cluster 47 Tucanae with Fermi. <i>Science</i> , <b>2009</b> , 325, 845-8	33.3	67
148	The on-orbit calibration of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , <b>2009</b> , 32, 193-219	2.4	106
147	The radio counterpart of the likely TeV binary HESS J0632+057. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2009</b> , 399, 317-322	4.3	36
146	A limit on the variation of the speed of light arising from quantum gravity effects. <i>Nature</i> , <b>2009</b> , 462, 331-4	50.4	378
145	Fermi large area telescope observations of the cosmic-ray induced $\gamma$ ray emission of the Earth's atmosphere. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	48
144	Modulated high-energy gamma-ray emission from the microquasar Cygnus X-3. <i>Science</i> , <b>2009</b> , 326, 1512-5	33.3	177
143	Measurement of the cosmic ray $e^+ + e^-$ spectrum from 20 GeV to 1 TeV with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , <b>2009</b> , 102, 181101	7.4	714
142	A population of gamma-ray millisecond pulsars seen with the Fermi Large Area Telescope. <i>Science</i> , <b>2009</b> , 325, 848-52	33.3	177
141	Detection of 16 gamma-ray pulsars through blind frequency searches using the Fermi LAT. <i>Science</i> , <b>2009</b> , 325, 840-4	33.3	232
140	THE LARGE AREA TELESCOPE ON THE FERMI GAMMA-RAY SPACE TELESCOPE EMISSION. <i>Astrophysical Journal</i> , <b>2009</b> , 697, 1071-1102	4.7	2463
139	FERMI OBSERVATIONS OF GRB 090902B: A DISTINCT SPECTRAL COMPONENT IN THE PROMPT AND DELAYED EMISSION. <i>Astrophysical Journal</i> , <b>2009</b> , 706, L138-L144	4.7	322
138	HESS J0632+057: A NEW GAMMA-RAY BINARY?. <i>Astrophysical Journal</i> , <b>2009</b> , 690, L101-L104	4.7	90
137	FERMI LAT OBSERVATIONS OF LS I +61 $\alpha$ 03: FIRST DETECTION OF AN ORBITAL MODULATION IN GeV GAMMA RAYS. <i>Astrophysical Journal</i> , <b>2009</b> , 701, L123-L128	4.7	113

136	FERMI /LAT OBSERVATIONS OF LS 5039. <i>Astrophysical Journal</i> , <b>2009</b> , 706, L56-L61	4.7	107
135	FERMIDISCOVERY OF GAMMA-RAY EMISSION FROM NGC 1275. <i>Astrophysical Journal</i> , <b>2009</b> , 699, 31-39	4.7	151
134	MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY. <i>Astrophysical Journal</i> , <b>2009</b> , 707, 727-737	4.7	66
133	FERMI LAT DISCOVERY OF EXTENDED GAMMA-RAY EMISSION IN THE DIRECTION OF SUPERNOVA REMNANT W51C. <i>Astrophysical Journal</i> , <b>2009</b> , 706, L1-L6	4.7	193
132	Probing the ATIC peak in the cosmic-ray electron spectrum with H.E.S.S.. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 508, 561-564	5.1	360
131	BRIGHT ACTIVE GALACTIC NUCLEI SOURCE LIST FROM THE FIRST THREE MONTHS OF THE FERMI LARGE AREA TELESCOPE ALL-SKY SURVEY. <i>Astrophysical Journal</i> , <b>2009</b> , 700, 597-622	4.7	318
130	GALAXY CLUSTERS IN THE SWIFT/BURST ALERT TELESCOPE ERA: HARD X-RAYS IN THE INTRACLUSTER MEDIUM. <i>Astrophysical Journal</i> , <b>2009</b> , 690, 367-388	4.7	80
129	PARAMETER CONSTRAINTS FOR HIGH-ENERGY MODELS OF COLLIDING WINDS OF MASSIVE STARS: THE CASE WR 147. <i>Astrophysical Journal</i> , <b>2009</b> , 694, 1139-1146	4.7	6
128	FERMI OBSERVATIONS OF TeV-SELECTED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , <b>2009</b> , 707, 1310-1333	4.7	105
127	PULSED GAMMA-RAYS FROM PSR J2021+3651 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , <b>2009</b> , 700, 1059-1066	4.7	38
126	HESS upper limit on the very high energy $\gamma$ -ray emission from the globular cluster 47 Tucanae. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 499, 273-277	5.1	22
125	Constraints on the multi-TeV particle population in the Coma galaxy cluster with HESS observations. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 502, 437-443	5.1	61
124	HESS upper limits on very high energy gamma-ray emission from the microquasar GRS 1915+105. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 508, 1135-1140	5.1	14
123	The Fermi Gamma-Ray Space Telescope discovers the pulsar in the young galactic supernova remnant CTA 1. <i>Science</i> , <b>2008</b> , 322, 1218-21	33.3	81
122	The Blazar 3C 66A in 2003-2004: hadronic versus leptonic model fits <b>2008</b> ,		3
121	The new surprising behaviour of the two $\pi$ -prototype blazars PKS 2155-304 and 3C 279 <b>2008</b> ,		4
120	A method to analyze the diffuse gamma-ray emission with the Fermi Large Area Telescope <b>2008</b> ,		5
119	The GeV-TeV Connection in Galactic $\gamma$ -Ray Sources. <i>Astrophysical Journal</i> , <b>2008</b> , 679, 1299-1314	4.7	24



118	A Hard X-Ray View of Two Distant VHE Blazars: 1ES 1101-032 and 1ES 1553+113. <i>Astrophysical Journal</i> , <b>2008</b> , 682, 775-783	4.7	18
117	Diffusion of Cosmic Rays and the Gamma-Ray Large Area Telescope: Phenomenology at the 100 GeV Regime. <i>Astrophysical Journal</i> , <b>2008</b> , 689, 213-218	4.7	17
116	Discovery of very high energy gamma-ray emission coincident with molecular clouds in the W48 (G6.4-0.1) field. <i>Astronomy and Astrophysics</i> , <b>2008</b> , 481, 401-410	5.1	182
115	Discovery of a VHE gamma-ray source coincident with the supernova remnant CTB 37A. <i>Astronomy and Astrophysics</i> , <b>2008</b> , 490, 685-693	5.1	50
114	Chandra and HESS observations of the supernova remnant CTB 37B. <i>Astronomy and Astrophysics</i> , <b>2008</b> , 486, 829-836	5.1	38
113	Discovery of very-high-energy $\gamma$ -ray emission from the vicinity of PSR J1913+1011 with HESS. <i>Astronomy and Astrophysics</i> , <b>2008</b> , 484, 435-440	5.1	18
112	Search for pulsed VHE gamma-ray emission from young pulsars with HESS. <i>Astronomy and Astrophysics</i> , <b>2007</b> , 466, 543-554	5.1	17
111	XMM-Newton observations of HESS J1813-178 reveal a composite Supernova remnant. <i>Astronomy and Astrophysics</i> , <b>2007</b> , 470, 249-257	5.1	38
110	Detection of extended very-high-energy $\gamma$ -ray emission towards the young stellar cluster Westerlund 2. <i>Astronomy and Astrophysics</i> , <b>2007</b> , 467, 1075-1080	5.1	93
109	Discovery of a point-like very-high-energy $\gamma$ -ray source in Monoceros. <i>Astronomy and Astrophysics</i> , <b>2007</b> , 469, L1-L4	5.1	87
108	Gamma-ray source stacking analysis at low galactic latitudes. <i>Astrophysics and Space Science</i> , <b>2007</b> , 309, 51-55	1.6	2
107	Morphological and spectral studies of the shell-type supernova remnants RX J1713.7-946 and RX J0852.0-622 with H.E.S.S.. <i>Astrophysics and Space Science</i> , <b>2007</b> , 309, 379-384	1.6	1
106	Demystifying an unidentified EGRET source by VHE gamma-ray observations. <i>Astrophysics and Space Science</i> , <b>2007</b> , 309, 203-207	1.6	9
105	Gamma rays from colliding winds of massive stars. <i>Astrophysics and Space Science</i> , <b>2007</b> , 309, 351-357	1.6	3
104	Identification of high energy gamma-ray sources and source populations in the era of deep all-sky coverage. <i>Astrophysics and Space Science</i> , <b>2007</b> , 309, 57-62	1.6	2
103	GLAST large area telescope multiwavelength planning. <i>Astrophysics and Space Science</i> , <b>2007</b> , 309, 523-526		
102	INTEGRAL/XMM views on the MeV source GRO J1411-64. <i>Astrophysics and Space Science</i> , <b>2007</b> , 309, 17-21		
101	Understanding limitations in the determination of the diffuse Galactic $\gamma$ -ray emission. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2007</b> , 173, 44-47		11

100	First ground-based measurement of atmospheric Cherenkov light from cosmic rays. <i>Physical Review D</i> , <b>2007</b> , 75,	4.9	28
99	Primary particle acceleration above 100 TeV in the shell-type supernova remnant RX J1713.7-3946 with deep HESS observations. <i>Astronomy and Astrophysics</i> , <b>2007</b> , 464, 235-243	5.1	242
98	H.E.S.S. Observations of the Supernova Remnant RX J0852.0-6222: Shell-Type Morphology and Spectrum of a Widely Extended Very High Energy Gamma-Ray Source. <i>Astrophysical Journal</i> , <b>2007</b> , 661, 236-249	4.7	150
97	XMM-Newton Observations Reveal the X-Ray Counterpart of the Very High Energy Gamma-Ray Source HESS J1640-65. <i>Astrophysical Journal</i> , <b>2007</b> , 662, 517-524	4.7	38
96	The Redshift Dependence of Gamma-Ray Absorption in the Environments of Strong-Line AGNs. <i>Astrophysical Journal</i> , <b>2007</b> , 665, 1023-1029	4.7	61
95	Gamma-ray source stacking analysis at low galactic latitudes <b>2007</b> , 51-55		
94	Identification of high energy gamma-ray sources and source populations in the era of deep all-sky coverage <b>2007</b> , 57-62		
93	Demystifying an unidentified EGRET source by VHE gamma-ray observations <b>2007</b> , 203-207		
92	HESS observations of the galactic center region and their possible dark matter interpretation. <i>Physical Review Letters</i> , <b>2006</b> , 97, 221102	7.4	168
91	Publisher's Note: HESS Observations of the Galactic Center Region and Their Possible Dark Matter Interpretation [Phys. Rev. Lett. 97, 221102 (2006)]. <i>Physical Review Letters</i> , <b>2006</b> , 97,	7.4	38
90	Fast variability of tera-electron volt gamma rays from the radio galaxy M87. <i>Science</i> , <b>2006</b> , 314, 1424-7	33.3	245
89	Discovery of very high energy $\gamma$ ray emission from the BL Lacertae object H 2356-309 with the HESS Cherenkov telescopes. <i>Astronomy and Astrophysics</i> , <b>2006</b> , 455, 461-466	5.1	49
88	Energy dependent $\gamma$ ray morphology in the pulsar wind nebula HESS J1825-37. <i>Astronomy and Astrophysics</i> , <b>2006</b> , 460, 365-374	5.1	137
87	3.9 day orbital modulation in the TeV $\gamma$ ray flux and spectrum from the X-ray binary LS 5039. <i>Astronomy and Astrophysics</i> , <b>2006</b> , 460, 743-749	5.1	191
86	A detailed spectral and morphological study of the gamma-ray supernova remnant RX J1713.7-3946 with HESS. <i>Astronomy and Astrophysics</i> , <b>2006</b> , 449, 223-242	5.1	240
85	The H.E.S.S. Survey of the Inner Galaxy in Very High Energy Gamma Rays. <i>Astrophysical Journal</i> , <b>2006</b> , 636, 777-797	4.7	432
84	Nonthermal High-Energy Emission from Colliding Winds of Massive Stars. <i>Astrophysical Journal</i> , <b>2006</b> , 644, 1118-1144	4.7	85
83	Observations of the Crab nebula with HESS. <i>Astronomy and Astrophysics</i> , <b>2006</b> , 457, 899-915	5.1	492

82	Discovery of very-high-energy gamma-rays from the Galactic Centre ridge. <i>Nature</i> , <b>2006</b> , 439, 695-8	50.4	378
81	A low level of extragalactic background light as revealed by gamma-rays from blazars. <i>Nature</i> , <b>2006</b> , 440, 1018-21	50.4	434
80	Evidence for VHE $\gamma$ emission from the distant BL Lac PG 1553+113. <i>Astronomy and Astrophysics</i> , <b>2006</b> , 448, L19-L23	5.1	64
79	First detection of a VHE gamma-ray spectral maximum from a cosmic source: HESS discovery of the Vela X nebula. <i>Astronomy and Astrophysics</i> , <b>2006</b> , 448, L43-L47	5.1	154
78	INTEGRAL and XMM-Newton observations towards the unidentified MeV source GRO J1411-64. <i>Astronomy and Astrophysics</i> , <b>2006</b> , 457, 257-264	5.1	2
77	Discovery of the two wings of the Kookaburra complex in VHE $\gamma$ s with HESS. <i>Astronomy and Astrophysics</i> , <b>2006</b> , 456, 245-251	5.1	61
76	Detection of TeV $\gamma$ emission from the shell-type supernova remnant RX J0852.0-4622 with HESS. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 437, L7-L10	5.1	146
75	Discovery of the binary pulsar PSR B1259-63 in very-high-energy gamma rays around periastron with HESS. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 442, 1-10	5.1	263
74	EGRET Upper Limits and Stacking Searches of Gamma-Ray Observations of Luminous and Ultraluminous Infrared Galaxies. <i>Astrophysical Journal</i> , <b>2005</b> , 621, 139-145	4.7	20
73	Neutrino Emission in the Hadronic Synchrotron Mirror Model: The Orphan TeV Flare from 1ES 1959+650. <i>Astrophysical Journal</i> , <b>2005</b> , 630, 186-190	4.7	34
72	A Systematic and Quantitative Approach to the Identification of High-Energy $\gamma$ Ray Source Populations. <i>Astrophysical Journal</i> , <b>2005</b> , 629, L141-L144	4.7	6
71	H.E.S.S. observations of PKS J155-304. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 430, 865-875	5.1	129
70	Observations of Mkn 421 in 2004 with HESS at large zenith angles. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 437, 95-99	5.1	59
69	Multi-wavelength observations of PKS 2155-304 with HESS. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 442, 895-907	5.1	78
68	A possible association of the new VHE $\gamma$ source HESS J1825-137 with the pulsar wind nebula G 18.00.7. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 442, L25-L29	5.1	64
67	On The Origin Of Unidentified EGRET Gamma-Ray Sources. <i>AIP Conference Proceedings</i> , <b>2005</b> ,	0	6
66	News from a Multi-Wavelength Monitoring Campaign on Mrk 421. <i>AIP Conference Proceedings</i> , <b>2005</b> ,	0	4
65	A New Determination Of The Diffuse Galactic and Extragalactic Gamma-Ray Emission. <i>AIP Conference Proceedings</i> , <b>2005</b> ,	0	2

64	A new population of very high energy gamma-ray sources in the Milky Way. <i>Science</i> , <b>2005</b> , 307, 1938-42	33.3	235
63	A Multiwavelength View of the TeV Blazar Markarian 421: Correlated Variability, Flaring, and Spectral Evolution. <i>Astrophysical Journal</i> , <b>2005</b> , 630, 130-141	4.7	156
62	Discovery of very high energy gamma rays associated with an x-ray binary. <i>Science</i> , <b>2005</b> , 309, 746-9	33.3	257
61	Resonant absorption troughs in the gamma-ray spectra of QSO. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 436, 763-784	5.1	8
60	Upper limits to the SN1006 multi-TeV gamma-ray flux from HESS observations. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 437, 135-139	5.1	31
59	Search for TeV emission from the region around PSR B1706-4 with the HESS experiment. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 432, L9-L12	5.1	15
58	Very high energy gamma rays from the composite SNR G 0.9+0.1. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 432, L25-L29	5.1	107
57	Discovery of extended VHE gamma-ray emission from the asymmetric pulsar wind nebula in MSH 15-52 with HESS. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 435, L17-L20	5.1	113
56	Discovery of VHE gamma rays from PKS 2005-489. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 436, L17-L20	5.1	51
55	Serendipitous discovery of the unidentified extended TeV gamma-ray source HESS J1303-631. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 439, 1013-1021	5.1	59
54	Observations of selected AGN with HESS. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 441, 465-472	5.1	55
53	A search for very high energy gamma-ray emission from the starburst galaxy NGC 253 with HESS. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 442, 177-183	5.1	18
52	M 87 as a misaligned synchrotron-proton blazar. <i>Astronomy and Astrophysics</i> , <b>2004</b> , 419, 89-98	5.1	49
51	Diffuse Galactic Continuum Gamma Rays: A Model Compatible with EGRET Data and Cosmic-Ray Measurements. <i>Astrophysical Journal</i> , <b>2004</b> , 613, 962-976	4.7	385
50	A New Determination of the Extragalactic Diffuse Gamma-Ray Background from EGRET Data. <i>Astrophysical Journal</i> , <b>2004</b> , 613, 956-961	4.7	244
49	High-energy particle acceleration in the shell of a supernova remnant. <i>Nature</i> , <b>2004</b> , 432, 75-7	50.4	407
48	Clusters of galaxies in high-energy gamma-ray astronomy. <i>New Astronomy Reviews</i> , <b>2004</b> , 48, 481-483	7.9	2
47	M87 is a misaligned synchrotron-proton blazar?. <i>New Astronomy Reviews</i> , <b>2004</b> , 48, 411-413	7.9	6

46	Observation of non-thermal emission from the supernova remnant IC 443 with RXTE. <i>Advances in Space Research</i> , <b>2004</b> , 33, 429-433	2.4	3
45	Calibration of cameras of the H.E.S.S. detector. <i>Astroparticle Physics</i> , <b>2004</b> , 22, 109-125	2.4	85
44	Modeling the Multiwavelength Spectra and Variability of BL Lacertae in 2000. <i>Astrophysical Journal</i> , <b>2004</b> , 609, 576-588	4.7	29
43	Luminous Infrared Galaxies as Plausible Gamma-Ray Sources for the Gamma-Ray Large Area Space Telescope and the Imaging Atmospheric Cerenkov Telescopes. <i>Astrophysical Journal</i> , <b>2004</b> , 607, L99-L102	4.7	36
42	A Multiwavelength Search for a Counterpart of the Brightest Unidentified Gamma-Ray Source 3EG J2020+4017 (2CG 078+2). <i>Astrophysical Journal</i> , <b>2004</b> , 615, 897-907	4.7	19
41	Very high energy gamma rays from the direction of Sagittarius A*. <i>Astronomy and Astrophysics</i> , <b>2004</b> , 425, L13-L17	5.1	306
40	The distribution of cosmic-ray sources in the Galaxy, Flays and the gradient in the CO-to-H2relation. <i>Astronomy and Astrophysics</i> , <b>2004</b> , 422, L47-L50	5.1	148
39	GALAXY CLUSTERS IN GAMMA-RAYS: AN ASSESSMENT FROM OBSERVATIONS. <i>Journal of the Korean Astronomical Society</i> , <b>2004</b> , 37, 307-313		5
38	Clusters of Galaxies at High Energy Gamma-Rays. <i>Astrophysics and Space Science Library</i> , <b>2004</b> , 261-278	0.3	
37	The Coma Cluster at Flay energies: Multifrequency constraints. <i>Astronomy and Astrophysics</i> , <b>2004</b> , 424, 773-778	5.1	31
36	Diffuse Gamma Rays. <i>Astrophysics and Space Science Library</i> , <b>2004</b> , 279-310	0.3	6
35	Chandra/Very Large Array Follow-Up of TeV J2032+4131, the Only Unidentified TeV Gamma-Ray Source. <i>Astrophysical Journal</i> , <b>2003</b> , 597, 494-512	4.7	56
34	On the Cross-Correlation between the Arrival Direction of Ultra-High-Energy Cosmic Rays, BL Lacertae Objects, and EGRET Detections: A New Way to Identify EGRET Sources?. <i>Astrophysical Journal</i> , <b>2003</b> , 595, L13-L16	4.7	21
33	EGRET Upper Limits on the High-Energy Gamma-Ray Emission of Galaxy Clusters. <i>Astrophysical Journal</i> , <b>2003</b> , 588, 155-164	4.7	152
32	BL Lac objects in the synchrotron proton blazar model. <i>Astroparticle Physics</i> , <b>2003</b> , 18, 593-613	2.4	362
31	TeV Flays and cosmic rays from the nucleus of M87, a mis-aligned BL Lac object. <i>Astroparticle Physics</i> , <b>2003</b> , 19, 559-568	2.4	30
30	Evolution of the polarization of the optical afterglow of the gamma-ray burst GRB030329. <i>Nature</i> , <b>2003</b> , 426, 157-9	50.4	95
29	Galactic Starburst NGC 3603 from X-Rays to Radio. <i>Astrophysical Journal</i> , <b>2002</b> , 573, 191-198	4.7	87

28	COMPTEL observations of the gamma-ray blazar PKS 1622-297. <i>Astronomy and Astrophysics</i> , <b>2002</b> , 386, 843-853	5.1	4
27	No evidence yet for hadronic TeV gamma-ray emission from SNR RXJ1713.7-3946. <i>Astronomy and Astrophysics</i> , <b>2002</b> , 390, L43-L46	5.1	44
26	Australia Telescope Compact Array Radio Imaging of the Proplyd-like Objects in the Giant HiiRegion NGC 3603. <i>Astrophysical Journal</i> , <b>2002</b> , 571, 366-377	4.7	22
25	Predictions of the High-Energy Emission from BL Lacertae Objects: The Case of W Comae. <i>Astrophysical Journal</i> , <b>2002</b> , 581, 143-154	4.7	30
24	Multifrequency studies of the enigmatic gamma-ray source 3EG J1835+5918. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2001</b> , 324, 772-780	4.3	37
23	A proton synchrotron blazar model for flaring in Markarian 501. <i>Astroparticle Physics</i> , <b>2001</b> , 15, 121-136	2.4	263
22	Unidentified Gamma-Ray Sources. <i>Astronomy and Astrophysics Library</i> , <b>2001</b> , 319-338	0.2	3
21	The Gamma-Ray Properties of Unidentified Egret Sources. <i>Astrophysics and Space Science Library</i> , <b>2001</b> , 17-34	0.3	9
20	A Quantitative Evaluation of Potential Radio Identifications for 3EG EGRET Sources. <i>Astrophysical Journal, Supplement Series</i> , <b>2001</b> , 135, 155-175	8	129
19	The Absolute Flux of Protons and Helium at the Top of the Atmosphere Using IMAX. <i>Astrophysical Journal</i> , <b>2000</b> , 533, 281-297	4.7	134
18	Monte Carlo simulations of photohadronic processes in astrophysics. <i>Computer Physics Communications</i> , <b>2000</b> , 124, 290-314	4.2	265
17	The contribution of unresolved radio-loud AGN to the extragalactic diffuse gamma-ray background. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2000</b> , 312, 177-193	4.3	75
16	Diffuse Continuum Gamma Rays from the Galaxy. <i>Astrophysical Journal</i> , <b>2000</b> , 537, 763-784	4.7	467
15	Propagation of ultrahigh energy protons in the nearby universe. <i>Physical Review D</i> , <b>2000</b> , 62,	4.9	119
14	The Third EGRET Catalog of High-Energy Gamma-Ray Sources. <i>Astrophysical Journal, Supplement Series</i> , <b>1999</b> , 123, 79-202	8	1393
13	Photohadronic Processes in Astrophysical Environments. <i>Publications of the Astronomical Society of Australia</i> , <b>1999</b> , 16, 160-166	5.5	65
12	Multiwavelength Observations of PKS 2255-82. <i>Astronomical Journal</i> , <b>1999</b> , 118, 1161-1168	4.9	9
11	Gamma Radiation from PSR B1055-82. <i>Astrophysical Journal</i> , <b>1999</b> , 516, 297-306	4.7	114

10	EGRET Spectral Index and the Low-Energy Peak Position in the Spectral Energy Distribution of EGRET-detected Blazars. <i>Astrophysical Journal</i> , <b>1999</b> , 525, 191-194	4-7	18
9	In-Flight Calibration of EGRET on the Compton Gamma-Ray Observatory. <i>Astrophysical Journal, Supplement Series</i> , <b>1999</b> , 123, 203-217	8	66
8	A candidate gamma-ray pulsar in the supernova remnant CTA 1. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>1998</b> , 295, 819-824	4-3	46
7	EGRET Observations of the Extragalactic Gamma-Ray Emission. <i>Astrophysical Journal</i> , <b>1998</b> , 494, 523-534	4-7	596
6	The Cosmic-Ray $^3\text{He}/^4\text{He}$ Ratio from 200 MeV per Nucleon to 3.7 GeV per Nucleon. <i>Astrophysical Journal</i> , <b>1998</b> , 496, 490-502	4-7	36
5	EGRET Observations of High-Energy Gamma-Ray Emission from Blazars: An Update. <i>Astrophysical Journal</i> , <b>1997</b> , 490, 116-135	4-7	210
4	Measurement of 0.25-3.2 GeV antiprotons in the cosmic radiation. <i>Physical Review Letters</i> , <b>1996</b> , 76, 3057-3060	7-4	111
3	Performance of drift chambers in a magnetic rigidity spectrometer for measuring the cosmic radiation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1994</b> , 345, 561-569	1-2	23
2	Radiation Processes		6
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