Anita Reimer

List of Publications by Citations

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	THE LARGE AREA TELESCOPE ON THEFERMI GAMMA-RAY SPACE TELESCOPEMISSION. *Astrophysical Journal*, **2009**, 697, 1071-1102	4.7	2463
530	Multi-messenger Observations of a Binary Neutron Star Merger. *Astrophysical Journal Letters*, **2017**, 848, L12	7.9	1935
529	The Third EGRET Catalog of High-Energy Gamma-Ray Sources. *Astrophysical Journal, Supplement Series*, **1999**, 123, 79-202	8	1393
528	FERMI LARGE AREA TELESCOPE THIRD SOURCE CATALOG. *Astrophysical Journal, Supplement Series* , **2015**, 218, 23	8	1100
527	FERMI LARGE AREA TELESCOPE SECOND SOURCE CATALOG. *Astrophysical Journal, Supplement Series*, **2012**, 199, 31	8	1003
526	FERMI LARGE AREA TELESCOPE FIRST SOURCE CATALOG. *Astrophysical Journal, Supplement Series*, **2010**, 188, 405-436	8	754
525	Measurement of the cosmic ray e+ +e- spectrum from 20 GeV to 1 TeV with the Fermi Large Area Telescope. *Physical Review Letters*, **2009**, 102, 181101	7.4	714
524	Searching for Dark Matter Annihilation from Milky Way Dwarf Spheroidal Galaxies with Six Years of Fermi Large Area Telescope Data. *Physical Review Letters*, **2015**, 115, 231301	7.4	598
523	EGRET Observations of the Extragalactic Gamma-Ray Emission. *Astrophysical Journal*, **1998**, 494, 523-534	4.7	596
522	THE SECOND FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. *Astrophysical Journal, Supplement Series*, **2013**, 208, 17	8	583
521	THE SPECTRAL ENERGY DISTRIBUTION OFFERMIBRIGHT BLAZARS. *Astrophysical Journal*, **2010**, 716, 30-70	4.7	580
520	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	1.3	496
519	Observations of the Crab nebula with HESS. *Astronomy and Astrophysics*, **2006**, 457, 899-915	5.1	492
518	Detection of the characteristic pion-decay signature in supernova remnants. *Science*, **2013**, 339, 807-11	33.3	475
517	THE SECOND CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THEFERMILARGE AREA TELESCOPE. *Astrophysical Journal*, **2011**, 743, 171	4.7	473
516	Fermi observations of high-energy gamma-ray emission from GRB 080916C. *Science*, **2009**, 323, 1688-93	33.3	467
515	Diffuse Continuum Gamma Rays from the Galaxy. *Astrophysical Journal*, **2000**, 537, 763-784	4.7	467

514	A low level of extragalactic background light as revealed by gamma-rays from blazars. *Nature*, **2006**, 440, 1018-21	50.4	434
513	The H.E.S.S. Survey of the Inner Galaxy in Very High Energy Gamma Rays. *Astrophysical Journal*, **2006**, 636, 777-797	4.7	432
512	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100 MeV AND 820 GeV. *Astrophysical Journal*, **2015**, 799, 86	4.7	421
511	Constraining dark matter models from a combined analysis of Milky Way satellites with the Fermi Large Area Telescope. *Physical Review Letters*, **2011**, 107, 241302	7.4	414
510	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. *Science*, **2018**, 361,	33.3	407
509	High-energy particle acceleration in the shell of a supernova remnant. *Nature*, **2004**, 432, 75-7	50.4	407
508	Fermi Large Area Telescope Fourth Source Catalog. *Astrophysical Journal, Supplement Series*, **2020**, 247, 33	8	406
507	FERMI-LAT OBSERVATIONS OF THE DIFFUSE □RAY EMISSION: IMPLICATIONS FOR COSMIC RAYS AND THE INTERSTELLAR MEDIUM. *Astrophysical Journal*, **2012**, 750, 3	4.7	405
506	Spectrum of the isotropic diffuse gamma-ray emission derived from first-year Fermi Large Area Telescope data. *Physical Review Letters*, **2010**, 104, 101101	7.4	396
505	THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THEFERMILARGE AREA TELESCOPE. *Astrophysical Journal*, **2015**, 810, 14	4.7	391
504	Introducing the CTA concept. *Astroparticle Physics*, **2013**, 43, 3-18	2.4	389
503	Diffuse Galactic Continuum Gamma Rays: A Model Compatible with EGRET Data and Cosmic-Ray Measurements. *Astrophysical Journal*, **2004**, 613, 962-976	4.7	385
502	A limit on the variation of the speed of light arising from quantum gravity effects. *Nature*, **2009**, 462, 331-4	50.4	378
501	Measurement of separate cosmic-ray electron and positron spectra with the fermi large area telescope. *Physical Review Letters*, **2012**, 108, 011103	7.4	378
500	Discovery of very-high-energy gamma-rays from the Galactic Centre ridge. *Nature*, **2006**, 439, 695-8	50.4	378
499	THE FIRST CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THEFERMILARGE AREA TELESCOPE. *Astrophysical Journal*, **2010**, 715, 429-457	4.7	375
498	THE FIRST FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. *Astrophysical Journal, Supplement Series*, **2010**, 187, 460-494	8	365
497	LEPTONIC AND HADRONIC MODELING OFFERMI-DETECTED BLAZARS. *Astrophysical Journal*, **2013**, 768, 54	4.7	364

496	BL Lac objects in the synchrotron proton blazar model. *Astroparticle Physics*, **2003**, 18, 593-613	2.4	362
495	Probing the ATIC peak in the cosmic-ray electron spectrum with H.E.S.S.. *Astronomy and Astrophysics*, **2009**, 508, 561-564	5.1	360
494	FERMI /LARGE AREA TELESCOPE BRIGHT GAMMA-RAY SOURCE LIST. *Astrophysical Journal, Supplement Series*, **2009**, 183, 46-66	8	357
493	THE FERMI LARGE AREA TELESCOPE ON ORBIT: EVENT CLASSIFICATION, INSTRUMENT RESPONSE FUNCTIONS, AND CALIBRATION. *Astrophysical Journal, Supplement Series*, **2012**, 203, 4	8	356
492	FERMI OBSERVATIONS OF GRB 090902B: A DISTINCT SPECTRAL COMPONENT IN THE PROMPT AND DELAYED EMISSION. *Astrophysical Journal*, **2009**, 706, L138-L144	4.7	322
491	Dark matter constraints from observations of 25 Milky Way satellite galaxies with the Fermi Large Area Telescope. *Physical Review D*, **2014**, 89,	4.9	320
490	BRIGHT ACTIVE GALACTIC NUCLEI SOURCE LIST FROM THE FIRST THREE MONTHS OF THEFERMILARGE AREA TELESCOPE ALL-SKY SURVEY. *Astrophysical Journal*, **2009**, 700, 597-622	4.7	318
489	Very high energy gamma rays from the direction of Sagittarius A*. *Astronomy and Astrophysics*, **2004**, 425, L13-L17	5.1	306
488	FERMIOBSERVATIONS OF GRB 090510: A SHORT-HARD GAMMA-RAY BURST WITH AN ADDITIONAL, HARD POWER-LAW COMPONENT FROM 10 keV TO GeV ENERGIES. *Astrophysical Journal*, **2010**, 716, 1178-1190	4.7	269
487	Monte Carlo simulations of photohadronic processes in astrophysics. *Computer Physics Communications*, **2000**, 124, 290-314	4.2	265
486	Gamma-ray flares from the Crab Nebula. *Science*, **2011**, 331, 739-42	33.3	263
485	Discovery of the binary pulsar PSR B1259-63 in very-high-energy gamma rays around periastron with HESS. *Astronomy and Astrophysics*, **2005**, 442, 1-10	5.1	263
484	A proton synchrotron blazar model for flaring in Markarian 501. *Astroparticle Physics*, **2001**, 15, 121-136	2.4	263
483	Discovery of very high energy gamma rays associated with an x-ray binary. *Science*, **2005**, 309, 746-9	33.3	257
482	A change in the optical polarization associated with a gamma-ray flare in the blazar 3C 279. *Nature*, **2010**, 463, 919-23	50.4	254
481	DEVELOPMENT OF THE MODEL OF GALACTIC INTERSTELLAR EMISSION FOR STANDARD POINT-SOURCE ANALYSIS OF FERMI LARGE AREA TELESCOPE DATA. *Astrophysical Journal, Supplement Series*, **2016**, 223, 26	8	251
480	Fermi LAT observations of cosmic-ray electrons from 7 GeV to 1 TeV. *Physical Review D*, **2010**, 82,	4.9	249
479	GAMMA-RAY LIGHT CURVES AND VARIABILITY OF BRIGHTFERMI-DETECTED BLAZARS. *Astrophysical Journal*, **2010**, 722, 520-542	4.7	247

478	GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THEFERMILARGE AREA TELESCOPE. *Astrophysical Journal*, **2012**, 755, 164	4.7	245
477	Fast variability of tera-electron volt gamma rays from the radio galaxy M87. *Science*, **2006**, 314, 1424-7	33.3	245
476	A New Determination of the Extragalactic Diffuse Gamma-Ray Background from EGRET Data. *Astrophysical Journal*, **2004**, 613, 956-961	4.7	244
475	Primary particle acceleration above 100 TeV in the shell-type supernova remnant RX J1713.7-3946 with deep HESS observations. *Astronomy and Astrophysics*, **2007**, 464, 235-243	5.1	242
474	A detailed spectral and morphological study of the gamma-ray supernova remnant RX J1713.7−3946 with HESS. *Astronomy and Astrophysics*, **2006**, 449, 223-242	5.1	240
473	Acceleration of petaelectronvolt protons in the Galactic Centre. *Nature*, **2016**, 531, 476-9	50.4	237
472	A new population of very high energy gamma-ray sources in the Milky Way. *Science*, **2005**, 307, 1938-42	33.3	235
471	Detection of 16 gamma-ray pulsars through blind frequency searches using the Fermi LAT. *Science*, **2009**, 325, 840-4	33.3	232
470	FERMI-LAT OBSERVATIONS OF HIGH-ENERGY−RAY EMISSION TOWARD THE GALACTIC CENTER. *Astrophysical Journal*, **2016**, 819, 44	4.7	230
469	OBSERVATIONS OF MILKY WAY DWARF SPHEROIDAL GALAXIES WITH THEFERMI-LARGE AREA TELESCOPE DETECTOR AND CONSTRAINTS ON DARK MATTER MODELS. *Astrophysical Journal*, **2010**, 712, 147-158	4.7	224
468	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE CRAB PULSAR AND NEBULA. *Astrophysical Journal*, **2010**, 708, 1254-1267	4.7	213
467	FERMILARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION. *Astrophysical Journal*, **2011**, 736, 131	4.7	212
466	EGRET Observations of High-Energy Gamma-Ray Emission from Blazars: An Update. *Astrophysical Journal*, **1997**, 490, 116-135	4.7	210
465	THE FIRST FERMI -LAT GAMMA-RAY BURST CATALOG. *Astrophysical Journal, Supplement Series*, **2013**, 209, 11	8	203
464	Gamma-ray emission from the shell of supernova remnant W44 revealed by the Fermi LAT. *Science*, **2010**, 327, 1103-6	33.3	201
463	THE SPECTRUM AND MORPHOLOGY OF THEFERMIBUBBLES. *Astrophysical Journal*, **2014**, 793, 64	4.7	197
462	OBSERVATIONS OF THE YOUNG SUPERNOVA REMNANT RX J1713.7−3946 WITH THEFERMILARGE AREA TELESCOPE. *Astrophysical Journal*, **2011**, 734, 28	4.7	193
461	FERMI LAT DISCOVERY OF EXTENDED GAMMA-RAY EMISSION IN THE DIRECTION OF SUPERNOVA REMNANT W51C. *Astrophysical Journal*, **2009**, 706, L1-L6	4.7	193

460	3.9 day orbital modulation in the TeV γ-ray flux and spectrum from the X-ray binary LS I +61 303. *Astronomy and Astrophysics*, **2006**, 460, 743-749	5.1	191
459	2FHL: THE SECOND CATALOG OF HARD FERMI -LAT SOURCES. *Astrophysical Journal, Supplement Series*, **2016**, 222, 5	8	189
458	OBSERVATION OF SUPERNOVA REMNANT IC 443 WITH THEFERMILARGE AREA TELESCOPE. *Astrophysical Journal*, **2010**, 712, 459-468	4.7	187
457	Updated search for spectral lines from Galactic dark matter interactions with pass 8 data from the Fermi Large Area Telescope. *Physical Review D*, **2015**, 91,	4.9	184
456	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. *Astrophysical Journal Letters*, **2016**, 826, L13	7.9	183
455	The imprint of the extragalactic background light in the gamma-ray spectra of blazars. *Science*, **2012**, 338, 1190-2	33.3	182
454	Discovery of very high energy gamma-ray emission coincident with molecular clouds in the W 28 (G6.4-0.1) field. *Astronomy and Astrophysics*, **2008**, 481, 401-410	5.1	182
453	Modulated high-energy gamma-ray emission from the microquasar Cygnus X-3. *Science*, **2009**, 326, 1512-6	33.3	177
452	A population of gamma-ray millisecond pulsars seen with the Fermi Large Area Telescope. *Science*, **2009**, 325, 848-52	33.3	177
451	Fermi-LAT observations of the gamma-ray burst GRB 130427A. *Science*, **2014**, 343, 42-7	33.3	172
450	3FHL: The Third Catalog of Hard Fermi -LAT Sources. *Astrophysical Journal, Supplement Series*, **2017**, 232, 18	8	170
449	Search for TeV Gamma-ray Emission from GRB 100621A, an extremely bright GRB in X-rays, with H.E.S.S.. *Astronomy and Astrophysics*, **2014**, 565, A16	5.1	169
448	Search for a dark matter annihilation signal from the galactic center halo with H.E.S.S. *Physical Review Letters*, **2011**, 106, 161301	7.4	169
447	Fermi gamma-ray imaging of a radio galaxy. *Science*, **2010**, 328, 725-9	33.3	168
446	HESS observations of the galactic center region and their possible dark matter interpretation. *Physical Review Letters*, **2006**, 97, 221102	7.4	168
445	THE LUMINOSITY FUNCTION OFFERMI-DETECTED FLAT-SPECTRUM RADIO QUASARS. *Astrophysical Journal*, **2012**, 751, 108	4.7	167
444	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT W28 (G6.4 0.1). *Astrophysical Journal*, **2010**, 718, 348-356	4.7	163
443	Fermi LAT search for dark matter in gamma-ray lines and the inclusive photon spectrum. *Physical Review D*, **2012**, 86,	4.9	161

442	DETECTION OF GAMMA-RAY EMISSION FROM THE STARBURST GALAXIES M82 AND NGC 253 WITH THE LARGE AREA TELESCOPE ON FERMI. *Astrophysical Journal Letters*, **2010**, 709, L152-L157	7.9	161
441	THE FIRST FERMI -LAT CATALOG OF SOURCES ABOVE 10 GeV. *Astrophysical Journal, Supplement Series*, **2013**, 209, 34	8	160
440	INSIGHTS INTO THE HIGH-ENERGY □RAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THEFERMIERA. *Astrophysical Journal*, **2011**, 727, 129	4.7	159
439	THEFERMI-LAT HIGH-LATITUDE SURVEY: SOURCE COUNT DISTRIBUTIONS AND THE ORIGIN OF THE EXTRAGALACTIC DIFFUSE BACKGROUND. *Astrophysical Journal*, **2010**, 720, 435-453	4.7	158
438	TheFermiGalactic Center GeV Excess and Implications for Dark Matter. *Astrophysical Journal*, **2017**, 840, 43	4.7	157
437	FERMIOBSERVATIONS OF CASSIOPEIA AND CEPHEUS: DIFFUSE GAMMA-RAY EMISSION IN THE OUTER GALAXY. *Astrophysical Journal*, **2010**, 710, 133-149	4.7	156
436	A Multiwavelength View of the TeV Blazar Markarian 421: Correlated Variability, Flaring, and Spectral Evolution. *Astrophysical Journal*, **2005**, 630, 130-141	4.7	156
435	Search for gamma-ray spectral lines with the Fermi Large Area Telescope and dark matter implications. *Physical Review D*, **2013**, 88,	4.9	155
434	Search for photon-linelike signatures from dark matter annihilations with H.E.S.S. *Physical Review Letters*, **2013**, 110, 041301	7.4	155
433	First detection of a VHE gamma-ray spectral maximum from a cosmic source: HESS discovery of the Vela X nebula. *Astronomy and Astrophysics*, **2006**, 448, L43-L47	5.1	154
432	FERMI GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF THE GAMMA-RAY OUTBURST FROM 3C454.3 IN NOVEMBER 2010. *Astrophysical Journal Letters*, **2011**, 733, L26	7.9	153
431	Fermi large area telescope search for photon lines from 30 to 200 GeV and dark matter implications. *Physical Review Letters*, **2010**, 104, 091302	7.4	153
430	DETECTION OF A SPECTRAL BREAK IN THE EXTRA HARD COMPONENT OF GRB 090926A. *Astrophysical Journal*, **2011**, 729, 114	4.7	152
429	EGRET Upper Limits on the High-Energy Gamma-Ray Emission of Galaxy Clusters. *Astrophysical Journal*, **2003**, 588, 155-164	4.7	152
428	FERMIDISCOVERY OF GAMMA-RAY EMISSION FROM NGC 1275. *Astrophysical Journal*, **2009**, 699, 31-39	4.7	151
427	SPECTRAL PROPERTIES OF BRIGHTFERMI-DETECTED BLAZARS IN THE GAMMA-RAY BAND. *Astrophysical Journal*, **2010**, 710, 1271-1285	4.7	150
426	H.E.S.S. Observations of the Supernova Remnant RX J0852.0□4622: Shell-Type Morphology and Spectrum of a Widely Extended Very High Energy Gamma-Ray Source. *Astrophysical Journal*, **2007**, 661, 236-249	4.7	150
425	CONSTRAINTS ON THE GALACTIC HALO DARK MATTER FROMFERMI-LAT DIFFUSE MEASUREMENTS. *Astrophysical Journal*, **2012**, 761, 91	4.7	148

424	The distribution of cosmic-ray sources in the Galaxy, ray and the gradient in the CO-to-H2relation. *Astronomy and Astrophysics*, **2004**, 422, L47-L50	5.1	148
423	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. *Astrophysical Journal, Supplement Series*, **2016**, 224, 8	8	148
422	Detection of TeV ray emission from the shell-type supernova remnant RX J0852.0-4622 with HESS. *Astronomy and Astrophysics*, **2005**, 437, L7-L10	5.1	146
421	Detection of gamma rays from a starburst galaxy. *Science*, **2009**, 326, 1080-2	33.3	145
420	SimultaneousPlanck,Swift, andFermiobservations of X-ray and ray selected blazars. *Astronomy and Astrophysics*, **2012**, 541, A160	5.1	145
419	The H.E.S.S. Galactic plane survey. *Astronomy and Astrophysics*, **2018**, 612, A1	5.1	143
418	THE ORIGIN OF THE EXTRAGALACTIC GAMMA-RAY BACKGROUND AND IMPLICATIONS FOR DARK MATTER ANNIHILATION. *Astrophysical Journal Letters*, **2015**, 800, L27	7.9	140
417	FERMI/LARGE AREA TELESCOPE DISCOVERY OF GAMMA-RAY EMISSION FROM A RELATIVISTIC JET IN THE NARROW-LINE QUASAR PMN J0948+0022. *Astrophysical Journal*, **2009**, 699, 976-984	4.7	140
416	Gamma-ray emission concurrent with the nova in the symbiotic binary V407 Cygni. *Science*, **2010**, 329, 817-21	33.3	138
415	FERMILARGE AREA TELESCOPE GAMMA-RAY DETECTION OF THE RADIO GALAXY M87. *Astrophysical Journal*, **2009**, 707, 55-60	4.7	138
414	The multi-dimensional nature of environmental attitudes among farmers in Indiana: implications for conservation adoption. *Agriculture and Human Values*, **2012**, 29, 29-40	2.7	137
413	Energy dependent ray morphology in the pulsar wind nebula HESS J1825137. *Astronomy and Astrophysics*, **2006**, 460, 365-374	5.1	137
412	FERMI -LAT DISCOVERY OF GeV GAMMA-RAY EMISSION FROM THE YOUNG SUPERNOVA REMNANT CASSIOPEIA A. *Astrophysical Journal Letters*, **2010**, 710, L92-L97	7.9	134
411	The Absolute Flux of Protons and Helium at the Top of the Atmosphere Using IMAX. *Astrophysical Journal*, **2000**, 533, 281-297	4.7	134
410	SIMULTANEOUS OBSERVATIONS OF PKS 2155304 WITH HESS, FERMI, RXTE, AND ATOM: SPECTRAL ENERGY DISTRIBUTIONS AND VARIABILITY IN A LOW STATE. *Astrophysical Journal*, **2009** , 696, L150-L155	4.7	133
409	EARLY FERMI GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF THE QUASAR 3C 454.3. *Astrophysical Journal*, **2009**, 699, 817-823	4.7	133
408	FERMILARGE AREA TELESCOPE OBSERVATIONS OF MISALIGNED ACTIVE GALACTIC NUCLEI. *Astrophysical Journal*, **2010**, 720, 912-922	4.7	133
407	Search for Dark Matter Annihilations towards the Inner Galactic Halo from 10 Years of Observations with H.E.S.S. *Physical Review Letters*, **2016**, 117, 111301	7.4	130

406	MINUTE-TIMESCALE >100 MeV RAY VARIABILITY DURING THE GIANT OUTBURST OF QUASAR 3C 279 OBSERVED BY FERMI -LAT IN 2015 JUNE. *Astrophysical Journal Letters*, **2016**, 824, L20	7.9	129
405	Fermi large area telescope measurements of the diffuse gamma-ray emission at intermediate galactic latitudes. *Physical Review Letters*, **2009**, 103, 251101	7.4	129
404	GRB110721A: AN EXTREME PEAK ENERGY AND SIGNATURES OF THE PHOTOSPHERE. *Astrophysical Journal Letters*, **2012**, 757, L31	7.9	129
403	THE STRUCTURE AND EMISSION MODEL OF THE RELATIVISTIC JET IN THE QUASAR 3C 279 INFERRED FROM RADIO TO HIGH-ENERGY RAY OBSERVATIONS IN 2008-2010. *Astrophysical Journal*, **2012**, 754, 114	4.7	129
402	GeV GAMMA-RAY FLUX UPPER LIMITS FROM CLUSTERS OF GALAXIES. *Astrophysical Journal Letters*, **2010**, 717, L71-L78	7.9	129
401	H.E.S.S. observations of PKS 2155-304. *Astronomy and Astrophysics*, **2005**, 430, 865-875	5.1	129
400	A Quantitative Evaluation of Potential Radio Identifications for 3EG EGRET Sources. *Astrophysical Journal, Supplement Series*, **2001**, 135, 155-175	8	129
399	FERMILARGE AREA TELESCOPE VIEW OF THE CORE OF THE RADIO GALAXY CENTAURUS A. *Astrophysical Journal*, **2010**, 719, 1433-1444	4.7	125
398	First detection of VHE rays from SN 1006 by HESS. *Astronomy and Astrophysics*, **2010**, 516, A62	5.1	123
397	Measurement of the extragalactic background light imprint on the spectra of the brightest blazars observed with H.E.S.S.. *Astronomy and Astrophysics*, **2013**, 550, A4	5.1	122
396	FERMI GAMMA-RAY SPACE TELESCOPEOBSERVATIONS OF GAMMA-RAY OUTBURSTS FROM 3C 454.3 IN 2009 DECEMBER AND 2010 APRIL. *Astrophysical Journal*, **2010**, 721, 1383-1396	4.7	122
395	SEARCH FOR DARK MATTER SATELLITES USINGFERMI-LAT. *Astrophysical Journal*, **2012**, 747, 121	4.7	120
394	SWIFT AND FERMI OBSERVATIONS OF THE EARLY AFTERGLOW OF THE SHORT GAMMA-RAY BURST 090510. *Astrophysical Journal Letters*, **2010**, 709, L146-L151	7.9	120
393	Propagation of ultrahigh energy protons in the nearby universe. *Physical Review D*, **2000**, 62,	4.9	119
392	Constraints on cosmological dark matter annihilation from the Fermi-LAT isotropic diffuse gamma-ray measurement. *Journal of Cosmology and Astroparticle Physics*, **2010**, 2010, 014-014	6.4	118
391	DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259 63/LS 2883 AROUND PERIASTRON WITH FERMI. *Astrophysical Journal Letters*, **2011**, 736, L11	7.9	117
390	THE 2010 VERY HIGH ENERGY RAY FLARE AND 10 YEARS OF MULTI-WAVELENGTH OBSERVATIONS OF M 87. *Astrophysical Journal*, **2012**, 746, 151	4.7	117
389	Gamma Radiation from PSR B1055 52. *Astrophysical Journal*, **1999**, 516, 297-306	4.7	114

388	FERMI LAT OBSERVATIONS OF LS I +61□303: FIRST DETECTION OF AN ORBITAL MODULATION IN GeV GAMMA RAYS. *Astrophysical Journal*, **2009**, 701, L123-L128	4.7	113
387	Discovery of extended VHE gamma-ray emission from the asymmetric pulsar wind nebula in MSH 15-52 with HESS. *Astronomy and Astrophysics*, **2005**, 435, L17-L20	5.1	113
386	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE VELA PULSAR. *Astrophysical Journal*, **2009**, 696, 1084-1093	4.7	111
385	Measurement of 0.25-3.2 GeV antiprotons in the cosmic radiation. *Physical Review Letters*, **1996**, 76, 3057-3060	7.4	111
384	A population of gamma-ray emitting globular clusters seen with theFermiLarge Area Telescope. *Astronomy and Astrophysics*, **2010**, 524, A75	5.1	110
383	EIGHT □RAY PULSARS DISCOVERED IN BLIND FREQUENCY SEARCHES OFFERMILAT DATA. *Astrophysical Journal*, **2010**, 725, 571-584	4.7	108
382	FERMI /LAT OBSERVATIONS OF LS 5039. *Astrophysical Journal*, **2009**, 706, L56-L61	4.7	107
381	Very high energy gamma rays from the composite SNR G 0.9+0.1. *Astronomy and Astrophysics*, **2005**, 432, L25-L29	5.1	107
380	Novae. Fermi establishes classical novae as a distinct class of gamma-ray sources. *Science*, **2014**, 345, 554-8	33.3	106
379	The on-orbit calibration of the Fermi Large Area Telescope. *Astroparticle Physics*, **2009**, 32, 193-219	2.4	106
378	Resolving the Extragalactic □Ray Background above 50□GeV with the Fermi Large Area Telescope. *Physical Review Letters*, **2016**, 116, 151105	7.4	105
377	FERMIOBSERVATIONS OF TeV-SELECTED ACTIVE GALACTIC NUCLEI. *Astrophysical Journal*, **2009**, 707, 1310-1333	4.7	105
376	THE RADIO/GAMMA-RAY CONNECTION IN ACTIVE GALACTIC NUCLEI IN THE ERA OF THEFERMILARGE AREA TELESCOPE. *Astrophysical Journal*, **2011**, 741, 30	4.7	102
375	FERMILARGE AREA TELESCOPE CONSTRAINTS ON THE GAMMA-RAY OPACITY OF THE UNIVERSE. *Astrophysical Journal*, **2010**, 723, 1082-1096	4.7	101
374	Cosmic-ray electron-positron spectrum from 7 GeV to 2 TeV with the Fermi Large Area Telescope. *Physical Review D*, **2017**, 95,	4.9	100
373	Observations of the Large Magellanic Cloud withFermi. *Astronomy and Astrophysics*, **2010**, 512, A7	5.1	98
372	MULTIWAVELENGTH EVIDENCE FOR QUASI-PERIODIC MODULATION IN THE GAMMA-RAY BLAZAR PG 1553+113. *Astrophysical Journal Letters*, **2015**, 813, L41	7.9	96
371	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. *Astrophysical Journal*, **2014**, 787, 18	4.7	96

370	Evolution of the polarization of the optical afterglow of the gamma-ray burst GRB030329. *Nature*, **2003**, 426, 157-9	50.4	95
369	Detection of extended very-high-energy -ray emission towards the young stellar cluster Westerlund 2. *Astronomy and Astrophysics*, **2007**, 467, 1075-1080	5.1	93
368	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. *Astrophysical Journal*, **2020**, 892, 105	4.7	93
367	FERMILAT OBSERVATION OF DIFFUSE GAMMA RAYS PRODUCED THROUGH INTERACTIONS BETWEEN LOCAL INTERSTELLAR MATTER AND HIGH-ENERGY COSMIC RAYS. *Astrophysical Journal*, **2009**, 703, 1249-1256	4.7	92
366	FERMILARGE AREA TELESCOPE AND MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING ACTIVITY OF PKS 1510-089 BETWEEN 2008 SEPTEMBER AND 2009 JUNE. *Astrophysical Journal*, **2010**, 721, 1425-1447	4.7	91
365	HESS J0632+057: A NEW GAMMA-RAY BINARY?. *Astrophysical Journal*, **2009**, 690, L101-L104	4.7	90
364	CONSTRAINTS ON THE COSMIC-RAY DENSITY GRADIENT BEYOND THE SOLAR CIRCLE FROMFERMI-RAY OBSERVATIONS OF THE THIRD GALACTIC QUADRANT. *Astrophysical Journal*, **2011**, 726, 81	4.7	88
363	Discovery of a point-like very-high-energy -ray source in Monoceros. *Astronomy and Astrophysics*, **2007**, 469, L1-L4	5.1	87
362	Galactic Starburst NGC 3603 from X-Rays to Radio. *Astrophysical Journal*, **2002**, 573, 191-198	4.7	87
361	Search for Spectral Irregularities due to Photon-Axionlike-Particle Oscillations with the Fermi Large Area Telescope. *Physical Review Letters*, **2016**, 116, 161101	7.4	86
360	THE VELA PULSAR: RESULTS FROM THE FIRST YEAR OFFERMILAT OBSERVATIONS. *Astrophysical Journal*, **2010**, 713, 154-165	4.7	86
359	A very-high-energy component deep in the -ray burst afterglow. *Nature*, **2019**, 575, 464-467	50.4	86
358	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. *Astrophysical Journal*, **2019**, 878, 52	4.7	85
357	-RAY AND PARSEC-SCALE JET PROPERTIES OF A COMPLETE SAMPLE OF BLAZARS FROM THE MOJAVE PROGRAM. *Astrophysical Journal*, **2011**, 742, 27	4.7	85
356	A STATISTICAL APPROACH TO RECOGNIZING SOURCE CLASSES FOR UNASSOCIATED SOURCES IN THE FIRSTFERMI-LAT CATALOG. *Astrophysical Journal*, **2012**, 753, 83	4.7	85
355	Nonthermal High-Energy Emission from Colliding Winds of Massive Stars. *Astrophysical Journal*, **2006**, 644, 1118-1144	4.7	85
354	Calibration of cameras of the H.E.S.S. detector. *Astroparticle Physics*, **2004**, 22, 109-125	2.4	85
353	FermiLarge Area Telescope observations of Local Group galaxies: detection of M 31 and search for M 33. *Astronomy and Astrophysics*, **2010**, 523, L2	5.1	83

352	FERMI-LAT STUDY OF GAMMA-RAY EMISSION IN THE DIRECTION OF SUPERNOVA REMNANT W49B. *Astrophysical Journal*, **2010**, 722, 1303-1311	4.7	82
351	IMPULSIVE AND LONG DURATION HIGH-ENERGY GAMMA-RAY EMISSION FROM THE VERY BRIGHT 2012 MARCH 7 SOLAR FLARES. *Astrophysical Journal*, **2014**, 789, 20	4.7	81
350	HIGH-ENERGY GAMMA-RAY EMISSION FROM SOLAR FLARES: SUMMARY OFFERMILARGE AREA TELESCOPE DETECTIONS AND ANALYSIS OF TWO M-CLASS FLARES. *Astrophysical Journal*, **2014**, 787, 15	4.7	81
349	Search for Lorentz Invariance breaking with a likelihood fit of the PKS 2155-304 flare data taken on MJD 53944. *Astroparticle Physics*, **2011**, 34, 738-747	2.4	81
348	The Fermi Gamma-Ray Space Telescope discovers the pulsar in the young galactic supernova remnant CTA 1. *Science*, **2008**, 322, 1218-21	33.3	81
347	Astrophysics. The exceptionally powerful TeV γ-ray emitters in the Large Magellanic Cloud. *Science*, **2015**, 347, 406-12	33.3	80
346	IMPLICATIONS OF THE VERY HIGH ENERGY GAMMA-RAY DETECTION OF THE QUASAR 3C279. *Astrophysical Journal*, **2009**, 703, 1168-1175	4.7	80
345	GALAXY CLUSTERS IN THESWIFT/BURST ALERT TELESCOPE ERA: HARD X-RAYS IN THE INTRACLUSTER MEDIUM. *Astrophysical Journal*, **2009**, 690, 367-388	4.7	80
344	Binary millisecond pulsar discovery via gamma-ray pulsations. *Science*, **2012**, 338, 1314-7	33.3	78
343	Multi-wavelength observations of PKS 2155-304 with HESS. *Astronomy and Astrophysics*, **2005**, 442, 895-907	5.1	78
342	PKS 1502+106: A NEW AND DISTANT GAMMA-RAY BLAZAR IN OUTBURST DISCOVERED BY THEFERMILARGE AREA TELESCOPE. *Astrophysical Journal*, **2010**, 710, 810-827	4.7	75
341	The contribution of unresolved radio-loud AGN to the extragalactic diffuse gamma-ray background. *Monthly Notices of the Royal Astronomical Society*, **2000**, 312, 177-193	4.3	75
340	Constraints on axionlike particles with H.E.S.S. from the irregularity of the PKS 2155−304 energy spectrum. *Physical Review D*, **2013**, 88,	4.9	74
339	Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT. *Physical Review D*, **2012**, 85,	4.9	73
338	H.E.S.S. observations of RX J1713.7−3946 with improved angular and spectral resolution: Evidence for gamma-ray emission extending beyond the X-ray emitting shell. *Astronomy and Astrophysics*, **2018**, 612, A6	5.1	73
337	A gamma-ray determination of the Universe's star formation history. *Science*, **2018**, 362, 1031-1034	33.3	71
336	The Search for Spatial Extension in High-latitude Sources Detected by the Fermi Large Area Telescope. *Astrophysical Journal, Supplement Series*, **2018**, 237, 32	8	70
335	CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USINGFERMILARGE AREA TELESCOPE OBSERVATIONS. *Astrophysical Journal*, **2013**, 773, 77	4.7	70

334	The population of TeV pulsar wind nebulae in the H.E.S.S. Galactic Plane Survey. *Astronomy and Astrophysics*, **2018**, 612, A2	5.1	70
333	Search for dark matter annihilation signatures in H.E.S.S. observations of dwarf spheroidal galaxies. *Physical Review D*, **2014**, 90,	4.9	68
332	FERMILARGE AREA TELESCOPE OBSERVATIONS OF TWO GAMMA-RAY EMISSION COMPONENTS FROM THE QUIESCENT SUN. *Astrophysical Journal*, **2011**, 734, 116	4.7	68
331	A new SNR with TeV shell-type morphology: HESS J1731-347. *Astronomy and Astrophysics*, **2011**, 531, A81	5.1	68
330	SEARCH FOR GAMMA-RAY EMISSION FROM THE COMA CLUSTER WITH SIX YEARS OFFERMI-LAT DATA. *Astrophysical Journal*, **2016**, 819, 149	4.7	67
329	Detection of high-energy gamma-ray emission from the globular cluster 47 Tucanae with Fermi. *Science*, **2009**, 325, 845-8	33.3	67
328	VHE□ray emission of PKS 2155□304: spectral and temporal variability. *Astronomy and Astrophysics*, **2010**, 520, A83	5.1	67
327	H.E.S.S. discovery of VHE□rays from the quasar PKS 1510□089. *Astronomy and Astrophysics*, **2013**, 554, A107	5.1	66
326	H.E.S.S. constraints on dark matter annihilations towards the sculptor and carina dwarf galaxies. *Astroparticle Physics*, **2011**, 34, 608-616	2.4	66
325	Periodic emission from the gamma-ray binary 1FGL J1018.6-5856. *Science*, **2012**, 335, 189-93	33.3	66
324	MULTIWAVELENGTH MONITORING OF THE ENIGMATIC NARROW-LINE SEYFERT 1 PMN J0948+0022 IN 2009 MARCH-JULY. *Astrophysical Journal*, **2009**, 707, 727-737	4.7	66
323	In-Flight Calibration of EGRET on the Compton Gamma-Ray Observatory. *Astrophysical Journal, Supplement Series*, **1999**, 123, 203-217	8	66
322	Detection of the Small Magellanic Cloud in gamma-rays with□Fermi/LAT. *Astronomy and Astrophysics* , **2010**, 523, A46	5.1	65
321	Probing the extent of the non-thermal emission from the Vela□X region at TeV energies with H.E.S.S.. *Astronomy and Astrophysics*, **2012**, 548, A38	5.1	65
320	DETECTION OF THE ENERGETIC PULSAR PSR B1509□58 AND ITS PULSAR WIND NEBULA IN MSH 15□52 USING THEFERMI-LARGE AREA TELESCOPE. *Astrophysical Journal*, **2010**, 714, 927-936	4.7	65
319	Photohadronic Processes in Astrophysical Environments. *Publications of the Astronomical Society of Australia*, **1999**, 16, 160-166	5.5	65
318	MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. *Astrophysical Journal*, **2013**, 763, 71	4.7	64
317	PSR J1907+0602: A RADIO-FAINT GAMMA-RAY PULSAR POWERING A BRIGHT TeV PULSAR WIND NEBULA. *Astrophysical Journal*, **2010**, 711, 64-74	4.7	64

316	A possible association of the new VHE-ray source HESS J1825137 with the pulsar wind nebula G 18.00.7. *Astronomy and Astrophysics*, **2005**, 442, L25-L29	5.1	64
315	Evidence for VHE-ray emission from the distant BL Lac PG 1553+113. *Astronomy and Astrophysics*, **2006**, 448, L19-L23	5.1	64
314	Probing the origin of giant radio haloes through radio and -ray data: the case of the Coma cluster. *Monthly Notices of the Royal Astronomical Society*, **2012**, 426, 956-968	4.3	63
313	Limits on dark matter annihilation signals from the Fermi LAT 4-year measurement of the isotropic gamma-ray background. *Journal of Cosmology and Astroparticle Physics*, **2015**, 2015, 008-008	6.4	61
312	The Redshift Dependence of Gamma-Ray Absorption in the Environments of Strong-Line AGNs. *Astrophysical Journal*, **2007**, 665, 1023-1029	4.7	61
311	Constraints on the multi-TeV particle population in the Coma galaxy cluster with HESS observations. *Astronomy and Astrophysics*, **2009**, 502, 437-443	5.1	61
310	Discovery of the two wings of the Kookaburra complex in VHE-rays with HESS. *Astronomy and Astrophysics*, **2006**, 456, 245-251	5.1	61
309	MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER. *Astrophysical Journal*, **2011**, 726, 43	4.7	59
308	THE DISCOVERY OF -RAY EMISSION FROM THE BLAZAR RGB J0710+591. *Astrophysical Journal Letters*, **2010**, 715, L49-L55	7.9	59
307	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE VELA-X PULSAR WIND NEBULA. *Astrophysical Journal*, **2010**, 713, 146-153	4.7	59
306	Observations of Mkn 421 in 2004 with HESS at large zenith angles. *Astronomy and Astrophysics*, **2005**, 437, 95-99	5.1	59
305	Serendipitous discovery of the unidentified extended TeV -ray source HESS J1303-631. *Astronomy and Astrophysics*, **2005**, 439, 1013-1021	5.1	59
304	Searches for cosmic-ray electron anisotropies with the Fermi Large Area Telescope. *Physical Review D*, **2010**, 82,	4.9	58
303	VERY HIGH ENERGY -RAYS FROM THE UNIVERSES MIDDLE AGE: DETECTION OF THE z = 0.940 BLAZAR PKS 1441+25 WITH MAGIC. *Astrophysical Journal Letters*, **2015**, 815, L23	7.9	57
302	DETERMINATION OF THE POINT-SPREAD FUNCTION FOR THEFERMILARGE AREA TELESCOPE FROM ON-ORBIT DATA AND LIMITS ON PAIR HALOS OF ACTIVE GALACTIC NUCLEI. *Astrophysical Journal*, **2013**, 765, 54	4.7	56
301	Chandra/Very Large Array Follow-Up of TeV J2032+4131, the Only Unidentified TeV Gamma-Ray Source. *Astrophysical Journal*, **2003**, 597, 494-512	4.7	56
300	FERMI-LAT SEARCH FOR PULSAR WIND NEBULAE AROUND GAMMA-RAY PULSARS. *Astrophysical Journal*, **2011**, 726, 35	4.7	55
299	DISCOVERY OF VERY HIGH ENERGY GAMMA RAYS FROM PKS 1424+240 AND MULTIWAVELENGTH CONSTRAINTS ON ITS REDSHIFT. *Astrophysical Journal Letters*, **2010**, 708, L100-L106	7.9	55

298	FERMILARGE AREA TELESCOPE OBSERVATION OF A GAMMA-RAY SOURCE AT THE POSITION OF ETA CARINAE. *Astrophysical Journal*, **2010**, 723, 649-657	4.7	55
297	Observations of selected AGN with HESS. *Astronomy and Astrophysics*, **2005**, 441, 465-472	5.1	55
296	Discovery of extended VHE-ray emission from the vicinity of the young massive stellar cluster Westerlund1. *Astronomy and Astrophysics*, **2012**, 537, A114	5.1	54
295	The time-dependent one-zone hadronic model. *Astronomy and Astrophysics*, **2012**, 546, A120	5.1	53
294	FERMIOBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 080825C. *Astrophysical Journal*, **2009**, 707, 580-592	4.7	53
293	PSR J2021+4026 IN THE GAMMA CYGNI REGION: THE FIRST VARIABLE -RAY PULSAR SEEN BY THE Fermi LAT. *Astrophysical Journal Letters*, **2013**, 777, L2	7.9	52
292	FERMIDETECTION OF -RAY EMISSION FROM THE M2 SOFT X-RAY FLARE ON 2010 JUNE 12. *Astrophysical Journal*, **2012**, 745, 144	4.7	52
291	FERMIDETECTION OF DELAYED GeV EMISSION FROM THE SHORT GAMMA-RAY BURST 081024B. *Astrophysical Journal*, **2010**, 712, 558-564	4.7	52
290	Observations of M31 and M33 with the Fermi Large Area Telescope: A Galactic Center Excess in Andromeda?. *Astrophysical Journal*, **2017**, 836, 208	4.7	51
289	The first pulse of the extremely bright GRB 130427A: a test lab for synchrotron shocks. *Science*, **2014**, 343, 51-4	33.3	51
288	Fermi detection of a luminous -ray pulsar in a globular cluster. *Science*, **2011**, 334, 1107-10	33.3	51
287	Discovery of VHE-gamma rays from PKS2005489. *Astronomy and Astrophysics*, **2005**, 436, L17-L20	5.1	51
286	Deep view of the Large Magellanic Cloud with six years ofFermi-LAT observations. *Astronomy and Astrophysics*, **2016**, 586, A71	5.1	50
285	SPECTRAL ANALYSIS AND INTERPRETATION OF THE -RAY EMISSION FROM THE STARBURST GALAXY NGC 253. *Astrophysical Journal*, **2012**, 757, 158	4.7	50
284	FERMI-LAT OBSERVATIONS OF THE GEMINGA PULSAR. *Astrophysical Journal*, **2010**, 720, 272-283	4.7	50
283	Discovery of a VHE gamma-ray source coincident with the supernova remnant CTB37A. *Astronomy and Astrophysics*, **2008**, 490, 685-693	5.1	50
282	Localizing the VHE -ray source at the Galactic Centre. *Monthly Notices of the Royal Astronomical Society*, **2010**, 402, 1877-1882	4.3	49
281	Discovery of very high energy -ray emission from the BLLacertae object H 2356-309 with the HESS Cherenkov telescopes. *Astronomy and Astrophysics*, **2006**, 455, 461-466	5.1	49

280	M 87 as a misaligned synchrotron-proton blazar. *Astronomy and Astrophysics*, **2004**, 419, 89-98	5.1	49
279	FERMILARGE AREA TELESCOPE DETECTION OF EXTENDED GAMMA-RAY EMISSION FROM THE RADIO GALAXY FORNAX A. *Astrophysical Journal*, **2016**, 826, 1	4.7	48
278	Fermi large area telescope observations of the cosmic-ray induced -ray emission of the Earth's atmosphere. *Physical Review D*, **2009**, 80,	4.9	48
277	GAMMA-RAY AND RADIO PROPERTIES OF SIX PULSARS DETECTED BY THEFERMILARGE AREA TELESCOPE. *Astrophysical Journal*, **2010**, 708, 1426-1441	4.7	47
276	FERMI -LARGE AREA TELESCOPE OBSERVATIONS OF THE EXCEPTIONAL GAMMA-RAY OUTBURSTS OF 3C 273 IN 2009 SEPTEMBER. *Astrophysical Journal Letters*, **2010**, 714, L73-L78	7.9	47
275	Search for -Ray Line Signals from Dark Matter Annihilations in the Inner Galactic Halo from 10 Years of Observations with H.E.S.S. *Physical Review Letters*, **2018**, 120, 201101	7.4	47
274	Search for Extended Sources in the Galactic Plane Using Six Years ofFermi-Large Area Telescope Pass 8 Data above 10 GeV. *Astrophysical Journal*, **2017**, 843, 139	4.7	46
273	FERMILARGE AREA TELESCOPE STUDY OF COSMIC RAYS AND THE INTERSTELLAR MEDIUM IN NEARBY MOLECULAR CLOUDS. *Astrophysical Journal*, **2012**, 755, 22	4.7	46
272	THE FIRSTFERMIMULTIFREQUENCY CAMPAIGN ON BL LACERTAE: CHARACTERIZING THE LOW-ACTIVITY STATE OF THE EPONYMOUS BLAZAR. *Astrophysical Journal*, **2011**, 730, 101	4.7	46
271	A candidate gamma-ray pulsar in the supernova remnant CTA 1. *Monthly Notices of the Royal Astronomical Society*, **1998**, 295, 819-824	4.3	46
270	Detection of very high energy radiation from HESS J1908+063 confirms the Milagro unidentified source MGRO J1908+06. *Astronomy and Astrophysics*, **2009**, 499, 723-728	5.1	45
269	Fermi-LAT Observations of High-energy Behind-the-limb Solar Flares. *Astrophysical Journal*, **2017**, 835, 219	4.7	44
268	No evidence yet for hadronic TeV gamma-ray emission from SNR RX J1713.7-3946. *Astronomy and Astrophysics*, **2002**, 390, L43-L46	5.1	44
267	THEFERMIALL-SKY VARIABILITY ANALYSIS: A LIST OF FLARING GAMMA-RAY SOURCES AND THE SEARCH FOR TRANSIENTS IN OUR GALAXY. *Astrophysical Journal*, **2013**, 771, 57	4.7	43
266	Revisiting the Westerlund 2 field with the HESS telescope array. *Astronomy and Astrophysics*, **2011**, 525, A46	5.1	43
265	DISCOVERY OF PULSED -RAYS FROM PSR J0034 0534 WITH THEFERMILARGE AREA TELESCOPE: A CASE FOR CO-LOCATED RADIO AND -RAY EMISSION REGIONS. *Astrophysical Journal*, **2010**, 712, 957-963	4.7	43
264	The Second Catalog of Flaring Gamma-Ray Sources from theFermi All-sky Variability Analysis. *Astrophysical Journal*, **2017**, 846, 34	4.7	42
263	FERMI -LAT OBSERVATIONS OF THE LIGO EVENT GW150914. *Astrophysical Journal Letters*, **2016**, 823, L2	7.9	42

262	Flux upper limits for 47 AGN observed with H.E.S.S. in 2004–2011. *Astronomy and Astrophysics*, **2014**, 564, A9	5.1	41
261	GRIPS - Gamma-Ray Imaging, Polarimetry and Spectroscopy. *Experimental Astronomy*, **2012**, 34, 551-582	1.3	41
260	SEARCH FOR GAMMA-RAY EMISSION FROM X-RAY-SELECTED SEYFERT GALAXIES WITHFERMI-LAT. *Astrophysical Journal*, **2012**, 747, 104	4.7	41
259	A multiwavelength view of the flaring state of PKS 2155-304 in 2006. *Astronomy and Astrophysics*, **2012**, 539, A149	5.1	41
258	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. *Astrophysical Journal*, **2012**, 751, 159	4.7	40
257	SEARCH FOR DARK MATTER ANNIHILATION SIGNALS FROM THE FORNAX GALAXY CLUSTER WITH H.E.S.S.. *Astrophysical Journal*, **2012**, 750, 123	4.7	40
256	A polarized fast radio burst at low Galactic latitude. *Monthly Notices of the Royal Astronomical Society*, **2017**,	4.3	39
255	Diffuse Galactic gamma-ray emission with H.E.S.S.. *Physical Review D*, **2014**, 90,	4.9	39
254	SUPPLEMENT: LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914 (2016, ApJL, 826, L13). *Astrophysical Journal, Supplement Series*, **2016**, 225, 8	8	38
253	THE 2012 FLARE OF PG 1553+113 SEEN WITH H.E.S.S. ANDFERMI-LAT. *Astrophysical Journal*, **2015**, 802, 65	4.7	38
252	SEARCH FOR EXTENDED GAMMA-RAY EMISSION FROM THE VIRGO GALAXY CLUSTER WITHFERMI-LAT. *Astrophysical Journal*, **2015**, 812, 159	4.7	38
251	The cosmic-ray and gas content of the Cygnus region as measured in rays by theFermiLarge Area Telescope. *Astronomy and Astrophysics*, **2012**, 538, A71	5.1	38
250	SEARCH FOR GAMMA-RAY EMISSION FROM MAGNETARS WITH THE FERMI LARGE AREA TELESCOPE. *Astrophysical Journal Letters*, **2010**, 725, L73-L78	7.9	38
249	Chandra and HESS observations of the supernova remnant CTB 37B. *Astronomy and Astrophysics*, **2008**, 486, 829-836	5.1	38
248	PULSED GAMMA-RAYS FROM PSR J2021+3651 WITH THEFERMILARGE AREA TELESCOPE. *Astrophysical Journal*, **2009**, 700, 1059-1066	4.7	38
247	XMM-Newton observations of HESS J1813-178 reveal a composite Supernova remnant. *Astronomy and Astrophysics*, **2007**, 470, 249-257	5.1	38
246	Publisher Note: HESS Observations of the Galactic Center Region and Their Possible Dark Matter Interpretation [Phys. Rev. Lett. 97, 221102 (2006)]. *Physical Review Letters*, **2006**, 97,	7.4	38
245	XMM-NewtonObservations Reveal the X-Ray Counterpart of the Very High Energy Gamma-Ray Source HESS J1640–465. *Astrophysical Journal*, **2007**, 662, 517-524	4.7	38

244	Cascading Constraints from Neutrino-emitting Blazars: The Case of TXS 0506+056. *Astrophysical Journal*, **2019**, 881, 46	4.7	37
243	GAMMA-RAY FLARING ACTIVITY FROM THE GRAVITATIONALLY LENSED BLAZAR PKS 1830211 OBSERVED BYFermiLAT. *Astrophysical Journal*, **2015**, 799, 143	4.7	37
242	FERMIOBSERVATIONS OF THE VERY HARD GAMMA-RAY BLAZAR PG 1553+113. *Astrophysical Journal*, **2010**, 708, 1310-1320	4.7	37
241	Discovery of hard-spectrum ray emission from the BL Lacertae object 1ES 0414+009. *Astronomy and Astrophysics*, **2012**, 538, A103	5.1	37
240	Multifrequency studies of the enigmatic gamma-ray source 3EG J1835+5918. *Monthly Notices of the Royal Astronomical Society*, **2001**, 324, 772-780	4.3	37
239	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT G8.7 0.1. *Astrophysical Journal*, **2012**, 744, 80	4.7	36
238	PULSED GAMMA RAYS FROM THE MILLISECOND PULSAR J0030+0451 WITH THEFERMILARGE AREA TELESCOPE. *Astrophysical Journal*, **2009**, 699, 1171-1177	4.7	36
237	FERMILARGE AREA TELESCOPE DETECTION OF PULSED RAYS FROM THE VELA-LIKE PULSARS PSR J1048 5832 AND PSR J2229+6114. *Astrophysical Journal*, **2009**, 706, 1331-1340	4.7	36
236	The radio counterpart of the likely TeV binary HESS J0632+057. *Monthly Notices of the Royal Astronomical Society*, **2009**, 399, 317-322	4.3	36
235	Luminous Infrared Galaxies as Plausible Gamma-Ray Sources for the Gamma-Ray Large Area Space Telescope and the Imaging Atmospheric Cerenkov Telescopes. *Astrophysical Journal*, **2004**, 607, L99-L102	4.7	36
234	The Cosmic-Ray3He/4He Ratio from 200 MeV per Nucleon to 3.7 GeV per Nucleon. *Astrophysical Journal*, **1998**, 496, 490-502	4.7	36
233	Measurement of the EBL spectral energy distribution using the VHE ray spectra of H.E.S.S. blazars. *Astronomy and Astrophysics*, **2017**, 606, A59	5.1	35
232	H.E.S.S. observations of the Crab during its March 2013 GeV gamma-ray flare. *Astronomy and Astrophysics*, **2014**, 562, L4	5.1	35
231	Search for Cosmic-Ray Electron and Positron Anisotropies with Seven Years of Fermi Large Area Telescope Data. *Physical Review Letters*, **2017**, 118, 091103	7.4	34
230	Search for extended ray emission around AGN with H.E.S.S. andFermi-LAT. *Astronomy and Astrophysics*, **2014**, 562, A145	5.1	34
229	ASSOCIATING LONG-TERM RAY VARIABILITY WITH THE SUPERORBITAL PERIOD OF LS I +61 303. *Astrophysical Journal Letters*, **2013**, 773, L35	7.9	34
228	FERMI/LARGE AREA TELESCOPE DISCOVERY OF GAMMA-RAY EMISSION FROM THE FLAT-SPECTRUM RADIO QUASAR PKS 1454 354. *Astrophysical Journal*, **2009**, 697, 934-941	4.7	34
227	GAMMA-RAY OBSERVATIONS OF THE ORION MOLECULAR CLOUDS WITH THEFERMILARGE AREA TELESCOPE. *Astrophysical Journal*, **2012**, 756, 4	4.7	34

226	Neutrino Emission in the Hadronic Synchrotron Mirror Model: The Orphan TeV Flare from 1ES 1959+650. *Astrophysical Journal*, **2005**, 630, 186-190	4.7	34
225	Particle transport within the pulsar wind nebula HESS J1825 137. *Astronomy and Astrophysics*, **2019**, 621, A116	5.1	34
224	Gamma-Ray Blazars within the First 2 Billion Years. *Astrophysical Journal Letters*, **2017**, 837, L5	7.9	33
223	ASSESSING THE SIGNIFICANCE OF APPARENT CORRELATIONS BETWEEN RADIO AND GAMMA-RAY BLAZAR FLUXES. *Astrophysical Journal*, **2012**, 751, 149	4.7	33
222	The 2014 TeV Ray Flare of Mrk 501 Seen with H.E.S.S.: Temporal and Spectral Constraints on Lorentz Invariance Violation. *Astrophysical Journal*, **2019**, 870, 93	4.7	33
221	Spiral arms as cosmic ray source distributions. *Astroparticle Physics*, **2015**, 64, 18-33	2.4	32
220	LONG-TERM TeV AND X-RAY OBSERVATIONS OF THE GAMMA-RAY BINARY HESS J0632+057. *Astrophysical Journal*, **2014**, 780, 168	4.7	32
219	DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. *Astrophysical Journal Letters*, **2014**, 785, L16	7.9	32
218	DETECTION OF HIGH-ENERGY GAMMA-RAY EMISSION DURING THE X-RAY FLARING ACTIVITY IN GRB 100728A. *Astrophysical Journal Letters*, **2011**, 734, L27	7.9	32
217	Very-high-energy gamma-ray emission from the direction of the Galactic globular cluster Terzan 5. *Astronomy and Astrophysics*, **2011**, 531, L18	5.1	32
216	Multi-wavelength observations of H 2356 309. *Astronomy and Astrophysics*, **2010**, 516, A56	5.1	32
215	TeV Gamma-Ray Observations of the Binary Neutron Star Merger GW170817 with H.E.S.S.. *Astrophysical Journal Letters*, **2017**, 850, L22	7.9	31
214	An extremely bright gamma-ray pulsar in the Large Magellanic Cloud. *Science*, **2015**, 350, 801-5	33.3	31
213	DISCOVERY OF PULSED RAYS FROM THE YOUNG RADIO PULSAR PSR J1028 5819 WITH THE FERMI LARGE AREA TELESCOPE. *Astrophysical Journal*, **2009**, 695, L72-L77	4.7	31
212	DISCOVERY OF PULSATIONS FROM THE PULSAR J0205+6449 IN SNR 3C 58 WITH THE FERMI GAMMA-RAY SPACE TELESCOPE. *Astrophysical Journal*, **2009**, 699, L102-L107	4.7	31
211	The Coma Cluster at ray energies: Multifrequency constraints. *Astronomy and Astrophysics*, **2004**, 424, 773-778	5.1	31
210	Upper limits to the SN1006 multi-TeV gamma-ray flux from HESS observations. *Astronomy and Astrophysics*, **2005**, 437, 135-139	5.1	31
209	Indirect dark matter searches in gamma and cosmic rays. *Nature Physics*, **2017**, 13, 224-231	16.2	30

208	FERMILARGE AREA TELESCOPE OBSERVATIONS OF PSR J1836+5925. *Astrophysical Journal*, **2010**, 712, 1209-1218	4.7	30
207	TeV -rays and cosmic rays from the nucleus of M87, a mis-aligned BL Lac object. *Astroparticle Physics*, **2003**, 19, 559-568	2.4	30
206	Predictions of the High-Energy Emission from BL Lacertae Objects: The Case of W Comae. *Astrophysical Journal*, **2002**, 581, 143-154	4.7	30
205	Population study of Galactic supernova remnants at very high -ray energies with H.E.S.S.. *Astronomy and Astrophysics*, **2018**, 612, A3	5.1	30
204	SEARCHING THE GAMMA-RAY SKY FOR COUNTERPARTS TO GRAVITATIONAL WAVE SOURCES:FERMIGAMMA-RAY BURST MONITORAND LARGE AREA TELESCOPE OBSERVATIONS OF LVT151012 AND GW151226. *Astrophysical Journal*, **2017**, 835, 82	4.7	29
203	Characterizing the -ray long-term variability of PKS 2155-304 with H.E.S.S. and Fermi-LAT. *Astronomy and Astrophysics*, **2017**, 598, A39	5.1	29
202	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4C +21.35 DURING THE 2010 FLARING ACTIVITY. *Astrophysical Journal*, **2014**, 786, 157	4.7	29
201	H.E.S.S. observations of the binary system PSR B1259-63/LS 2883 around the 2010/2011 periastron passage. *Astronomy and Astrophysics*, **2013**, 551, A94	5.1	29
200	Modeling the Multiwavelength Spectra and Variability of BL Lacertae in 2000. *Astrophysical Journal*, **2004**, 609, 576-588	4.7	29
199	Characterising the VHE diffuse emission in the central 200 parsecs of our Galaxy with H.E.S.S.. *Astronomy and Astrophysics*, **2018**, 612, A9	5.1	29
198	Deeper H.E.S.S. observations of Vela Junior (RX J0852.0-4622): Morphology studies and resolved spectroscopy. *Astronomy and Astrophysics*, **2018**, 612, A7	5.1	29
197	Constraints on an annihilation signal from a core of constant dark matter density around the milky way center with H.E.S.S. *Physical Review Letters*, **2015**, 114, 081301	7.4	28
196	-LAT OBSERVATIONS OF HIGH- AND INTERMEDIATE-VELOCITY CLOUDS: TRACING COSMIC RAYS IN THE HALO OF THE MILKY WAY. *Astrophysical Journal*, **2015**, 807,	4.7	28
195	Discovery of the source HESS J1356-645 associated with the young and energetic PSR J1357-6429. *Astronomy and Astrophysics*, **2011**, 533, A103	5.1	28
194	GALAXY CLUSTERS IN THESWIFT/BAT ERA. II. 10 MORE CLUSTERS DETECTED ABOVE 15 keV. *Astrophysical Journal*, **2010**, 725, 1688-1706	4.7	28
193	First ground-based measurement of atmospheric Cherenkov light from cosmic rays. *Physical Review D*, **2007**, 75,	4.9	28
192	Fermi and Swift Observations of GRB 190114C: Tracing the Evolution of High-energy Emission from Prompt to Afterglow. *Astrophysical Journal*, **2020**, 890, 9	4.7	28
191	Discovery of VHE emission towards the Carina arm region with the H.E.S.S. telescope array: HESS J1018-589. *Astronomy and Astrophysics*, **2012**, 541, A5	5.1	26

190	Gamma-ray follow-up studies on Carinae. *Astronomy and Astrophysics*, **2012**, 544, A98	5.1	26
189	Discovery of TeV ray emission from PKS 0447-439 and derivation of an upper limit on its redshift. *Astronomy and Astrophysics*, **2013**, 552, A118	5.1	26
188	HESS J1943+213: a candidate extreme BL Lacertae object. *Astronomy and Astrophysics*, **2011**, 529, A49	5.1	26
187	Constraints on dark matter models from a Fermi LAT search for high-energy cosmic-ray electrons from the Sun. *Physical Review D*, **2011**, 84,	4.9	26
186	H.E.S.S. Limits on Linelike Dark Matter Signatures in the 100 GeV to 2 TeV Energy Range Close to the Galactic Center. *Physical Review Letters*, **2016**, 117, 151302	7.4	26
185	Inferred cosmic-ray spectrum from Fermi large area telescope ray observations of Earth's limb. *Physical Review Letters*, **2014**, 112, 151103	7.4	25
184	H.E.S.S. OBSERVATIONS OF THE GLOBULAR CLUSTERS NGC 6388 AND M15 AND SEARCH FOR A DARK MATTER SIGNAL. *Astrophysical Journal*, **2011**, 735, 12	4.7	25
183	In-flight measurement of the absolute energy scale of the Fermi Large Area Telescope. *Astroparticle Physics*, **2012**, 35, 346-353	2.4	24
182	The GeV-TeV Connection in Galactic Ray Sources. *Astrophysical Journal*, **2008**, 679, 1299-1314	4.7	24
181	The first full orbit of Carinae seen byFermi. *Astronomy and Astrophysics*, **2015**, 577, A100	5.1	24
180	Revealing x-ray and gamma ray temporal and spectral similarities in the GRB 190829A afterglow. *Science*, **2021**, 372, 1081-1085	33.3	24
179	Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout. *Astroparticle Physics*, **2019**, 111, 35-53	2.4	23
178	SEARCH FOR EARLY GAMMA-RAY PRODUCTION IN SUPERNOVAE LOCATED IN A DENSE CIRCUMSTELLAR MEDIUM WITH THEFERMILAT. *Astrophysical Journal*, **2015**, 807, 169	4.7	23
177	FERMI OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 090217A. *Astrophysical Journal Letters*, **2010**, 717, L127-L132	7.9	23
176	Performance of drift chambers in a magnetic rigidity spectrometer for measuring the cosmic radiation. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **1994**, 345, 561-569	1.2	23
175	Propagation in 3D spiral-arm cosmic-ray source distribution models and secondary particle production using Picard. *Astroparticle Physics*, **2015**, 70, 39-53	2.4	22
174	DEEP MORPHOLOGICAL AND SPECTRAL STUDY OF THE SNR RCW 86 WITHFERMI-LAT. *Astrophysical Journal*, **2016**, 819, 98	4.7	22
173	Gamma-ray blazar spectra with H.E.S.S. II mono analysis: The case of PKS 2155 04 and PG 1553+113. *Astronomy and Astrophysics*, **2017**, 600, A89	5.1	22

172	HESS upper limit on the very high energy -ray emission from the globular cluster 47 Tucanae. *Astronomy and Astrophysics*, **2009**, 499, 273-277	5.1	22
171	Probing the gamma-ray emission from HESS J1834 087 using H.E.S.S. andFermiLAT observations. *Astronomy and Astrophysics*, **2015**, 574, A27	5.1	22
170	Australia Telescope Compact Array Radio Imaging of the Proplyd-like Objects in the Giant HiiRegion NGC 3603. *Astrophysical Journal*, **2002**, 571, 366-377	4.7	22
169	Constraints on the emission region of 3C 279 during strong flares in 2014 and 2015 through VHE -ray observations with H.E.S.S.. *Astronomy and Astrophysics*, **2019**, 627, A159	5.1	22
168	The supernova remnant W49B as seen with H.E.S.S. and Fermi-LAT. *Astronomy and Astrophysics*, **2018**, 612, A5	5.1	22
167	The starburst galaxy NGC 253 revisited by H.E.S.S. and Fermi-LAT. *Astronomy and Astrophysics*, **2018** , 617, A73	5.1	22
166	SIMULATING THREE-DIMENSIONAL NONTHERMAL HIGH-ENERGY PHOTON EMISSION IN COLLIDING-WIND BINARIES. *Astrophysical Journal*, **2014**, 789, 87	4.7	21
165	DISCOVERY OF THE HARD SPECTRUM VHE -RAY SOURCE HESS J1641 463. *Astrophysical Journal Letters*, **2014**, 794, L1	7.9	21
164	HESS and Fermi-LAT discovery of -rays from the blazar 1ES 1312 423. *Monthly Notices of the Royal Astronomical Society*, **2013**, 434, 1889-1901	4.3	21
163	Discovery and follow-up studies of the extended, off-plane, VHE gamma-ray source HESS J1507-622. *Astronomy and Astrophysics*, **2011**, 525, A45	5.1	21
162	FERMILARGE AREA TELESCOPE OBSERVATIONS OF GAMMA-RAY PULSARS PSR J1057 5226, J1709 4429, AND J1952+3252. *Astrophysical Journal*, **2010**, 720, 26-40	4.7	21
161	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?. *Astrophysical Journal*, **2003**, 595, L13-L16	4.7	21
160	The -ray spectrum of the core of Centaurus A as observed with H.E.S.S. and Fermi-LAT. *Astronomy and Astrophysics*, **2018**, 619, A71	5.1	21
159	A search for new supernova remnant shells in the Galactic plane with H.E.S.S.. *Astronomy and Astrophysics*, **2018**, 612, A8	5.1	21
158	Fermi-LAT Observations of LIGO/Virgo Event GW170817. *Astrophysical Journal*, **2018**, 861, 85	4.7	21
157	Resolving acceleration to very high energies along the jet of Centaurus A. *Nature*, **2020**, 582, 356-359	50.4	20
156	Discovery of variable VHE -ray emission from the binary system 1FGL J1018.6 5856. *Astronomy and Astrophysics*, **2015**, 577, A131	5.1	20
155	Discovery of VHE -ray emission and multi-wavelength observations of the BL Lacertae object 1RXS J101015.9 311909. *Astronomy and Astrophysics*, **2012**, 542, A94	5.1	20

154	Primary particle acceleration above 100 TeV in the shell-type supernova remnant RX J1713.7 3946 with deep H.E.S.S. observations (Corrigendum). *Astronomy and Astrophysics*, **2011**, 531, C1	5.1	20
153	SUZAKUOBSERVATIONS OF LUMINOUS QUASARS: REVEALING THE NATURE OF HIGH-ENERGY BLAZAR EMISSION IN LOW-LEVEL ACTIVITY STATES. *Astrophysical Journal*, **2010**, 716, 835-849	4.7	20
152	EGRET Upper Limits and Stacking Searches of Gamma-Ray Observations of Luminous and Ultraluminous Infrared Galaxies. *Astrophysical Journal*, **2005**, 621, 139-145	4.7	20
151	First ground-based measurement of sub-20 GeV to 100 GeV Rays from the Vela pulsar with H.E.S.S. II. *Astronomy and Astrophysics*, **2018**, 620, A66	5.1	20
150	Long-term monitoring of PKS 2155 304 with ATOM and H.E.S.S.: investigation of optical/ray correlations in different spectral states. *Astronomy and Astrophysics*, **2014**, 571, A39	5.1	19
149	Fermi-LAT upper limits on gamma-ray emission from colliding wind binaries. *Astronomy and Astrophysics*, **2013**, 555, A102	5.1	19
148	Identification of HESS J1303 631 as a pulsar wind nebula through ray, X-ray, and radio observations. *Astronomy and Astrophysics*, **2012**, 548, A46	5.1	19
147	A Multiwavelength Search for a Counterpart of the Brightest Unidentified Gamma-Ray Source 3EG J2020+4017 (2CG 078+2). *Astrophysical Journal*, **2004**, 615, 897-907	4.7	19
146	HESS J1640 465 an exceptionally luminous TeV ray supernova remnant. *Monthly Notices of the Royal Astronomical Society*, **2014**, 439, 2828-2836	4.3	18
145	Binaries with the eyes of CTA. *Astroparticle Physics*, **2013**, 43, 301-316	2.4	18
144	Discovery of very high energy ray emission from the BL Lacertae object PKS 0301 243 with H.E.S.S.. *Astronomy and Astrophysics*, **2013**, 559, A136	5.1	18
143	A Hard X-Ray View of Two Distant VHE Blazars: 1ES 1101 232 and 1ES 1553+113. *Astrophysical Journal*, **2008**, 682, 775-783	4.7	18
142	Six faint gamma-ray pulsars seen with theFermiLarge Area Telescope. *Astronomy and Astrophysics*, **2014**, 570, A44	5.1	18
141	A search for very high energy ray emission from the starburst galaxy NGC 253 with HESS. *Astronomy and Astrophysics*, **2005**, 442, 177-183	5.1	18
140	Discovery of very-high-energy ray emission from the vicinity of PSR J1913+1011 with HESS. *Astronomy and Astrophysics*, **2008**, 484, 435-440	5.1	18
139	EGRET Spectral Index and the Low-Energy Peak Position in the Spectral Energy Distribution of EGRET-detected Blazars. *Astrophysical Journal*, **1999**, 525, 191-194	4.7	18
138	Searches for gamma-ray lines and pure WIMP spectra from Dark Matter annihilations in dwarf galaxies with H.E.S.S.. *Journal of Cosmology and Astroparticle Physics*, **2018**, 2018, 037-037	6.4	18
137	Detailed spectral and morphological analysis of the shell type supernova remnant RCW 86. *Astronomy and Astrophysics*, **2018**, 612, A4	5.1	18

136	Measurement of the high-energy gamma-ray emission from the Moon with the Fermi Large Area Telescope. *Physical Review D*, **2016**, 93, 082001	4.9	17
135	The high-energy γ-ray emission of AP Librae. *Astronomy and Astrophysics*, **2015**, 573, A31	5.1	17
134	HIGH-ENERGY PARTICLE TRANSPORT IN THREE-DIMENSIONAL HYDRODYNAMIC MODELS OF COLLIDING-WIND BINARIES. *Astrophysical Journal*, **2014**, 782, 96	4.7	17
133	FERMIOBSERVATIONS OF γ-RAY EMISSION FROM THE MOON. *Astrophysical Journal*, **2012**, 758, 140	4.7	17
132	Diffusion of Cosmic Rays and theGamma-Ray Large Area Telescope: Phenomenology at the 1–100 GeV Regime. *Astrophysical Journal*, **2008**, 689, 213-218	4.7	17
131	Search for pulsed VHE gamma-ray emission from young pulsars with HESS. *Astronomy and Astrophysics*, **2007**, 466, 543-554	5.1	17
130	H.E.S.S. detection of TeV emission from the interaction region between the supernova remnant G349.7+0.2 and a molecular cloud. *Astronomy and Astrophysics*, **2015**, 574, A100	5.1	17
129	HESS observations of the Carina nebula and its enigmatic colliding wind binary Eta Carinae. *Monthly Notices of the Royal Astronomical Society*, **2012**, 424, 128-135	4.3	16
128	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. *Astrophysical Journal Letters*, **2021**, 911, L11	7.9	16
127	Gamma-ray signatures of cosmic ray acceleration, propagation, and confinement in the era of CTA. *Astroparticle Physics*, **2013**, 43, 276-286	2.4	15
126	Simultaneous multi-wavelength campaign on PKS 2005-489 in a high state. *Astronomy and Astrophysics*, **2011**, 533, A110	5.1	15
125	Search for TeV emission from the region around PSR B1706−44 with the HESS experiment. *Astronomy and Astrophysics*, **2005**, 432, L9-L12	5.1	15
124	VERITAS and Fermi-LAT Observations of TeV Gamma-Ray Sources Discovered by HAWC in the 2HWC Catalog. *Astrophysical Journal*, **2018**, 866, 24	4.7	15
123	Constraints on particle acceleration in SS433/W50 from MAGIC and H.E.S.S. observations. *Astronomy and Astrophysics*, **2018**, 612, A14	5.1	14
122	PSR J1906+0722: AN ELUSIVE GAMMA-RAY PULSAR. *Astrophysical Journal Letters*, **2015**, 809, L2	7.9	14
121	Discovery of high and very high-energy emission from the BL Lacertae object SHBL J001355.9−185406. *Astronomy and Astrophysics*, **2013**, 554, A72	5.1	14
120	Detection of very-high-energy γ-ray emission from the vicinity of PSR B1706−44 and G 343.1−2.3 with H.E.S.S.. *Astronomy and Astrophysics*, **2011**, 528, A143	5.1	14
119	HESS upper limits on very high energy gamma-ray emission from the microquasar GRS 1915+105. *Astronomy and Astrophysics*, **2009**, 508, 1135-1140	5.1	14

118	H.E.S.S. reveals a lack of TeV emission from the supernova remnant Puppis A. *Astronomy and Astrophysics*, **2015**, 575, A81	5.1	14
117	Sensitivity of the Cherenkov Telescope Array for probing cosmology and fundamental physics with gamma-ray propagation. *Journal of Cosmology and Astroparticle Physics*, **2021**, 2021, 048-048	6.4	14
116	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. *Science Advances*, **2018**, 4, eaao7228	12.3	13
115	H.E.S.S. discovery of very high energy γ-ray emission from PKS 0625−354. *Monthly Notices of the Royal Astronomical Society*, **2018**, 476, 4187-4198	4.3	13
114	Discovery of gamma-ray emission from the extragalactic pulsar wind nebula N 157B with H.E.S.S.. *Astronomy and Astrophysics*, **2012**, 545, L2	5.1	13
113	Studies of active galactic nuclei with CTA. *Astroparticle Physics*, **2013**, 43, 103-111	2.4	13
112	Prospects for Cherenkov Telescope Array Observations of the Young Supernova Remnant RX J1713.7−3946. *Astrophysical Journal*, **2017**, 840, 74	4.7	12
111	Publisher's Note: Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT [Phys. Rev. D 85, 083007 (2012)]. *Physical Review D*, **2012**, 85,	4.9	12
110	Search for very-high-energy γ-ray emission from Galactic globular clusters with H.E.S.S.. *Astronomy and Astrophysics*, **2013**, 551, A26	5.1	12
109	Resolving the Crab pulsar wind nebula at teraelectronvolt energies. *Nature Astronomy*, **2020**, 4, 167-173	12.1	12
108	Proton Acceleration in Colliding Stellar Wind Binaries. *Astrophysical Journal*, **2019**, 871, 55	4.7	11
107	Fermi Observations of the LIGO Event GW170104. *Astrophysical Journal Letters*, **2017**, 846, L5	7.9	11
106	3D Magnetohydrodynamic Models of Nonthermal Photon Emission in the Binary System γ Velorum. *Astrophysical Journal*, **2017**, 847, 40	4.7	11
105	CONSTRAINING THE HIGH-ENERGY EMISSION FROM GAMMA-RAY BURSTS WITHFERMI. *Astrophysical Journal*, **2012**, 754, 121	4.7	11
104	Radio-faint BL Lac objects and their impact on the radio/gamma-ray connection. *Advances in Space Research*, **2012**, 49, 1320-1326	2.4	11
103	Hadronic beam models for quasars and microquasars. *Astronomy and Astrophysics*, **2011**, 528, L2	5.1	11
102	Understanding limitations in the determination of the diffuse Galactic γ-ray emission. *Nuclear Physics, Section B, Proceedings Supplements*, **2007**, 173, 44-47		11
101	Search for dark matter signals towards a selection of recently detected DES dwarf galaxy satellites of the Milky Way with H.E.S.S.. *Physical Review D*, **2020**, 102,	4.9	11

100	Unresolved Gamma-Ray Sky through its Angular Power Spectrum. *Physical Review Letters*, **2018**, 121, 241101	7.4	11
99	Investigating the Nature of Late-Time High-Energy GRB Emission Through Joint Observations.. *Astrophysical Journal*, **2018**, 863,	4.7	11
98	First Fermi-LAT Solar Flare Catalog. *Astrophysical Journal, Supplement Series*, **2021**, 252, 13	8	11
97	Performance verification of the FlashCam prototype camera for the Cherenkov Telescope Array. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2017**, 876, 31-34	1.2	10
96	Search for Gamma-Ray Emission from Local Primordial Black Holes with theFermiLarge Area Telescope. *Astrophysical Journal*, **2018**, 857, 49	4.7	10
95	Discovery of the VHE gamma-ray source HESS J1832−093 in the vicinity of SNR G22.7−0.2. *Monthly Notices of the Royal Astronomical Society*, **2014**, 446, 1163-1169	4.3	10
94	On the Physics of Hadronic Blazar Emission Models. *Journal of Physics: Conference Series*, **2012**, 355, 012014	0.3	10
93	LARGE AREA TELESCOPE OBSERVATIONS OF BLAZAR 3C 279 OCCULTATIONS BY THE SUN. *Astrophysical Journal*, **2014**, 784,	4.7	9
92	TeV γ-ray observations of the young synchrotron-dominated SNRs G1.9+0.3 and G330.2+1.0 with H.E.S.S.. *Monthly Notices of the Royal Astronomical Society*, **2014**, 441, 790-799	4.3	9
91	HESS J1818−154, a new composite supernova remnant discovered in TeV gamma rays and X-rays. *Astronomy and Astrophysics*, **2014**, 562, A40	5.1	9
90	RADIO AND γ-RAY CONSTRAINTS ON THE EMISSION GEOMETRY AND BIRTHPLACE OF PSR J2043+2740. *Astrophysical Journal*, **2011**, 728, 77	4.7	9
89	Demystifying an unidentified EGRET source by VHE gamma-ray observations. *Astrophysics and Space Science*, **2007**, 309, 203-207	1.6	9
88	The Gamma-Ray Properties of Unidentified Egret Sources. *Astrophysics and Space Science Library*, **2001**, 17-34	0.3	9
87	Multiwavelength Observations of PKS 2255−282. *Astronomical Journal*, **1999**, 118, 1161-1168	4.9	9
86	Sensitivity of the Cherenkov Telescope Array to a dark matter signal from the Galactic centre. *Journal of Cosmology and Astroparticle Physics*, **2021**, 2021, 057-057	6.4	9
85	Systematic search for very-high-energy gamma-ray emission from bow shocks of runaway stars. *Astronomy and Astrophysics*, **2018**, 612, A12	5.1	9
84	Detection of variable VHE γ-ray emission from the extra-galactic γ-ray binary LMC P3. *Astronomy and Astrophysics*, **2018**, 610, L17	5.1	9
83	H.E.S.S. and Fermi-LAT observations of PSR B1259−63/LS 2883 during its 2014 and 2017 periastron passages. *Astronomy and Astrophysics*, **2020**, 633, A102	5.1	8

82	COLLIDING-WIND BINARIES WITH STRONG MAGNETIC FIELDS. *Astrophysical Journal*, **2016**, 831, 121	4.7	8
81	Resonant absorption troughs in the gamma-ray spectra of QSO. *Astronomy and Astrophysics*, **2005**, 436, 763-784	5.1	8
80	Relativistic fluid modelling of gamma-ray binaries. *Astronomy and Astrophysics*, **2021**, 646, A91	5.1	8
79	Detection of very-high-energy -ray emission from the colliding wind binary Car with H.E.S.S.. *Astronomy and Astrophysics*, **2020**, 635, A167	5.1	7
78	HADRON-INITIATED EMISSION PROCESSES IN BLAZAR JETS. *International Journal of Modern Physics D*, **2009**, 18, 1511-1515	2.2	7
77	H.E.S.S. and MAGIC observations of a sudden cessation of a very-high-energy -ray flare in PKS 1510089 in May 2016. *Astronomy and Astrophysics*, **2021**, 648, A23	5.1	7
76	X-ray and -ray orbital variability from the -ray binary HESS J1832093. *Astronomy and Astrophysics* , **2020**, 637, A23	5.1	6
75	H.E.S.S. detection of very high-energy -ray emission from the quasar PKS 0736+017. *Astronomy and Astrophysics*, **2020**, 633, A162	5.1	6
74	Constraints on the gamma-ray emission from the cluster-scale AGN outburst in the Hydra A galaxy cluster. *Astronomy and Astrophysics*, **2012**, 545, A103	5.1	6
73	Suzaku Observation of the Unidentified Very High Energy Gamma-Ray Source HESS J1702420. *Publication of the Astronomical Society of Japan*, **2011**, 63, S857-S864	3.2	6
72	PARAMETER CONSTRAINTS FOR HIGH-ENERGY MODELS OF COLLIDING WINDS OF MASSIVE STARS: THE CASE WR 147. *Astrophysical Journal*, **2009**, 694, 1139-1146	4.7	6
71	M87 a misaligned synchrotron-proton blazar?. *New Astronomy Reviews*, **2004**, 48, 411-413	7.9	6
70	A Systematic and Quantitative Approach to the Identification of High-Energy -Ray Source Populations. *Astrophysical Journal*, **2005**, 629, L141-L144	4.7	6
69	On The Origin Of Unidentified EGRET Gamma-Ray Sources. *AIP Conference Proceedings*, **2005**,	0	6
68	An extreme particle accelerator in the Galactic plane: HESS J1826130. *Astronomy and Astrophysics*, **2020**, 644, A112	5.1	6
67	Relativistic fluid modelling of gamma-ray binaries. *Astronomy and Astrophysics*, **2021**, 649, A71	5.1	6
66	Shaping the GeV-spectra of bright blazars. *Astronomy and Astrophysics*, **2016**, 589, A96	5.1	6
65	H.E.S.S. and Suzaku observations of the Vela X pulsar wind nebula. *Astronomy and Astrophysics*, **2019**, 627, A100	5.1	6

64	Very high energy γ-ray emission from two blazars of unknown redshift and upper limits on their distance. *Monthly Notices of the Royal Astronomical Society*, **2020**, 494, 5590-5602	4.3	6
63	Extended VHE γ-ray emission towards SGR1806−20, LBV 1806−20, and stellar cluster Cl* 1806−20. *Astronomy and Astrophysics*, **2018**, 612, A11	5.1	6
62	Radiation Processes39-80		6
61	Diffuse Gamma Rays. *Astrophysics and Space Science Library*, **2004**, 279-310	0.3	6
60	Probing the Magnetic Field in the GW170817 Outflow Using H.E.S.S. Observations. *Astrophysical Journal Letters*, **2020**, 894, L16	7.9	5
59	First limits on the very-high energy gamma-ray afterglow emission of a fast radio burst. *Astronomy and Astrophysics*, **2017**, 597, A115	5.1	5
58	A method to analyze the diffuse gamma-ray emission with the Fermi Large Area Telescope **2008**,		5
57	First Results of Eta Carinae Observations with H.E.S.S. II **2017**,		5
56	GALAXY CLUSTERS IN GAMMA-RAYS: AN ASSESSMENT FROM OBSERVATIONS. *Journal of the Korean Astronomical Society*, **2004**, 37, 307-313		5
55	Scrutinizing FR0 radio galaxies as ultra-high-energy cosmic ray source candidates. *Astroparticle Physics*, **2021**, 128, 102564	2.4	5
54	The consequence of a new ISRF model of the Milky Way on predictions for diffuse gamma-ray emission. *Astroparticle Physics*, **2019**, 107, 1-14	2.4	5
53	TeV Emission of Galactic Plane Sources with HAWC and H.E.S.S.. *Astrophysical Journal*, **2021**, 917, 6	4.7	5
52	Fermi Large Area Telescope Performance after 10 Years of Operation. *Astrophysical Journal, Supplement Series*, **2021**, 256, 12	8	5
51	MAGIC andFermi-LAT gamma-ray results on unassociated HAWC sources. *Monthly Notices of the Royal Astronomical Society*, **2019**, 485, 356-366	4.3	4
50	Upper limits on very-high-energy gamma-ray emission from core-collapse supernovae observed with H.E.S.S.. *Astronomy and Astrophysics*, **2019**, 626, A57	5.1	4
49	The new surprising behaviour of the two prototypeBlazars PKS 2155-304 and 3C 279 **2008**,		4
48	News from a Multi-Wavelength Monitoring Campaign on Mrk 421. *AIP Conference Proceedings*, **2005**,	0	4
47	COMPTEL observations of the gamma-ray blazar PKS 1622-297. *Astronomy and Astrophysics*, **2002**, 386, 843-853	5.1	4

46	FERMILAT STACKING ANALYSIS OFSWIFTLOCALIZED GRBs. *Astrophysical Journal*, **2016**, 822, 68	4.7	4
45	HESS J1741302: a hidden accelerator in the Galactic plane. *Astronomy and Astrophysics*, **2018**, 612, A13	5.1	4
44	High-energy emission from a magnetar giant flare in the Sculptor galaxy. *Nature Astronomy*, **2021**, 5, 385-391	12.1	4
43	H.E.S.S. observations of the flaring gravitationally lensed galaxy PKS 1830211. *Monthly Notices of the Royal Astronomical Society*, **2019**, 486, 3886-3891	4.3	3
42	Leptonic and Hadronic Modeling of Fermi-Detected Blazars. *EPJ Web of Conferences*, **2013**, 61, 05003	0.3	3
41	The Blazar 3C 66A in 2003-2004: hadronic versus leptonic model fits **2008**,		3
40	Gamma rays from colliding winds of massive stars. *Astrophysics and Space Science*, **2007**, 309, 351-357	1.6	3
39	Observation of non-thermal emission from the supernova remnant IC 443 with RXTE. *Advances in Space Research*, **2004**, 33, 429-433	2.4	3
38	Gamma Rays from Fast Black-hole Winds. *Astrophysical Journal*, **2021**, 921, 144	4.7	3
37	Unidentified Gamma-Ray Sources. *Astronomy and Astrophysics Library*, **2001**, 319-338	0.2	3
36	Simultaneous observations of the blazar PKS 2155304 from ultra-violet to TeV energies. *Astronomy and Astrophysics*, **2020**, 639, A42	5.1	3
35	Search for dark matter annihilation in the Wolf-Lundmark-Melotte dwarf irregular galaxy with H.E.S.S.. *Physical Review D*, **2021**, 103,	4.9	3
34	Bright Gamma-Ray Flares Observed in GRB 131108A. *Astrophysical Journal Letters*, **2019**, 886, L33	7.9	3
33	Evidence of 100 TeV γray emission from HESS J1702-420: A new PeVatron candidate. *Astronomy and Astrophysics*, **2021**, 653, A152	5.1	3
32	Hints of γray orbital variability from γ Velorum. *Astronomy and Astrophysics*, **2020**, 635, A141	5.1	2
31	CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. *Astrophysical Journal*, **2016**, 820, 72	4.7	2
30	Trigger performance verification of the FlashCam prototype camera. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2019**, 936, 392-393	1.2	2
29	A Search for Cosmic-Ray Proton Anisotropy with the Fermi Large Area Telescope. *Astrophysical Journal*, **2019**, 883, 33	4.7	2

28	Status of the photomultiplier-based FlashCam camera for the Cherenkov Telescope Array **2014**,		2
27	Gamma-ray source stacking analysis at low galactic latitudes. *Astrophysics and Space Science*, **2007**, 309, 51-55	1.6	2
26	Identification of high energy gamma-ray sources and source populations in the era of deep all-sky coverage. *Astrophysics and Space Science*, **2007**, 309, 57-62	1.6	2
25	Clusters of galaxies in high-energy γ-ray astronomy. *New Astronomy Reviews*, **2004**, 48, 481-483	7.9	2
24	A New Determination Of The Diffuse Galactic and Extragalactic Gamma-Ray Emission. *AIP Conference Proceedings*, **2005**,	0	2
23	FlashCam: a fully-digital camera for the medium-sized telescopes of the Cherenkov Telescope Array **2016**,		2
22	INTEGRAL and XMM-Newton observations towards the unidentified MeV source GRO J1411-64. *Astronomy and Astrophysics*, **2006**, 457, 257-264	5.1	2
21	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. *Astronomy and Astrophysics*, **2018**, 612, A10	5.1	2
20	The H.E.S.S. multi-messenger program: Searches for TeV gamma-ray emission associated with high-energy neutrinos **2017**,		1
19	Diffuse gamma rays in 3D galactic cosmic-ray propagation models **2017**,		1
18	FlashCam: a novel Cherenkov telescope camera with continuous signal digitization. *Journal of Instrumentation*, **2015**, 10, C01014-C01014	1	1
17	Lorentz invariance under scrutiny of recent high-energy gamma-ray observations. *Nuclear Physics, Section B, Proceedings Supplements*, **2010**, 203-204, 33-44		1
16	Morphological and spectral studies of the shell-type supernova remnants RX J1713.7−3946 and RX J0852.0−4622 with H.E.S.S.. *Astrophysics and Space Science*, **2007**, 309, 379-384	1.6	1
15	Search for Dark Matter Annihilation Signals from Unidentified Fermi-LAT Objects with H.E.S.S.. *Astrophysical Journal*, **2021**, 918, 17	4.7	1
14	Catalog of Long-term Transient Sources in the First 10 yr of Fermi-LAT Data. *Astrophysical Journal, Supplement Series*, **2021**, 256, 13	8	1
13	Unresolved Emission from the Core: Observations and Models215-243		1
12	ExHaLe-jet: an extended hadro-leptonic jet model for blazars I. Code description and initial results. *Monthly Notices of the Royal Astronomical Society*, **2022**, 512, 3948-3971	4.3	1
11	A gamma-ray pulsar timing array constrains the nanohertz gravitational wave background.. *Science*, **2022**, 376, eabm3231	33.3	1

10	Time-resolved hadronic particle acceleration in the recurrent nova RS Ophiuchi.. *Science*, **2022**, eabn0567	33.3	1
9	Searching for TeV Gamma-Ray Emission from SGR 1935+2154 during Its 2020 X-Ray and Radio Bursting Phase. *Astrophysical Journal*, **2021**, 919, 106	4.7	0
8	Investigation of the recombination of the retarded shell of Born-again CSPNe by time-dependent radiative transfer models. *Proceedings of the International Astronomical Union*, **2011**, 7, 412-413	0.1	
7	GLAST large area telescope multiwavelength planning. *Astrophysics and Space Science*, **2007**, 309, 523-526	1.6	
6	INTEGRAL/XMM views on the MeV source GRO J1411-64. *Astrophysics and Space Science*, **2007**, 309, 17-21	1.6	
5	Clusters of Galaxies at High Energy Gamma-Rays. *Astrophysics and Space Science Library*, **2004**, 261-278	0.3	
4	Gamma-ray source stacking analysis at low galactic latitudes **2007**, 51-55		
3	Identification of high energy gamma-ray sources and source populations in the era of deep all-sky coverage **2007**, 57-62		
2	Demystifying an unidentified EGRET source by VHE gamma-ray observations **2007**, 203-207		
1	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). *Astronomy and Astrophysics*, **2015**, 580, C1	5.1	