Stefan Funk

List of Publications by Year
in descending order

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436	51,745	733	1834
papers	citations	124 h-index	216 g-index

444	444	444	19711
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	THE LARGE AREA TELESCOPE ON THEFERMI GAMMA-RAY SPACE TELESCOPEMISSION. Astrophysical Journal, 2009, 697, 1071-1102.	1.6	3,048
2	FERMI LARGE AREA TELESCOPE THIRD SOURCE CATALOG. Astrophysical Journal, Supplement Series, 2015, 218, 23.	3.0	1,224
3	FERMI LARGE AREA TELESCOPE SECOND SOURCE CATALOG. Astrophysical Journal, Supplement Series, 2012, 199, 31.	3.0	1,079
4	Searching for Dark Matter Annihilation from MilkyÂWay Dwarf Spheroidal Galaxies with Six Years of Fermi Large Area Telescope Data. Physical Review Letters, 2015, 115, 231301.	2.9	881
5	FERMI LARGE AREA TELESCOPE FIRST SOURCE CATALOG. Astrophysical Journal, Supplement Series, 2010, 188, 405-436.	3.0	851
6	Fermi Large Area Telescope Fourth Source Catalog. Astrophysical Journal, Supplement Series, 2020, 247, 33.	3.0	817
7	Measurement of the Cosmic Ray<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>e</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:mo>+</mml:mo><mml:msup><mml:mi>e</mml:mi> from 20ÂGeV to 1ÂTeV with the Fermi Large Area Telescope. Physical Review Letters, 2009, 102, 181101.	2.9	774
8	THE SPECTRAL ENERGY DISTRIBUTION OFFERMIBRIGHT BLAZARS. Astrophysical Journal, 2010, 716, 30-70.	1.6	741
9	THE SECOND FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. Astrophysical Journal, Supplement Series, 2013, 208, 17.	3.0	693
10	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. Science, 2018, 361, .	6.0	654
11	An Exceptional Very High Energy Gamma-Ray Flare of PKS 2155-304. Astrophysical Journal, 2007, 664, L71-L74.	1.6	644
12	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.	1.6	640
13	Observations of the Crab nebula with HESS. Astronomy and Astrophysics, 2006, 457, 899-915.	2.1	603
14	Detection of the Characteristic Pion-Decay Signature in Supernova Remnants. Science, 2013, 339, 807-811.	6.0	591
15	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100ÂMeV AND 820ÂGeV. Astrophysical Journal, 2015, 799, 86.	1.6	556
16	FERMI-LAT OBSERVATIONS OF THE DIFFUSE Î³-RAY EMISSION: IMPLICATIONS FOR COSMIC RAYS AND THE INTERSTELLAR MEDIUM. Astrophysical Journal, 2012, 750, 3.	1.6	535
17	THE SECOND CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2011, 743, 171.	1.6	525
18	Fermi Observations of High-Energy Gamma-Ray Emission from GRB 080916C. Science, 2009, 323, 1688-1693.	6.0	523

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19	Introducing the CTA concept. Astroparticle Physics, 2013, 43, 3-18.	1.9	504
20	Modeling infectious disease dynamics in the complex landscape of global health. Science, 2015, 347, aaa4339.	6.0	492
21	A low level of extragalactic background light as revealed by Î³-rays from blazars. Nature, 2006, 440, 1018-1021.	13.7	474
22	Constraining Dark Matter Models from a Combined Analysis of Milky Way Satellites with the Fermi Large Area Telescope. Physical Review Letters, 2011, 107, 241302.	2.9	465
23	The H.E.S.S. Survey of the Inner Galaxy in Very High Energy Gamma Rays. Astrophysical Journal, 2006, 636, 777-797.	1.6	463
24	A limit on the variation of the speed of light arising from quantum gravity effects. Nature, 2009, 462, 331-334.	13.7	454
25	High-energy particle acceleration in the shell of a supernova remnant. Nature, 2004, 432, 75-77.	13.7	450
26	Measurement of Separate Cosmic-Ray Electron and Positron Spectra with the Fermi Large Area Telescope. Physical Review Letters, 2012, 108, 011103.	2.9	445
27	Spectrum of the Isotropic Diffuse Gamma-Ray Emission Derived from First-Year Fermi Large Area Telescope Data. Physical Review Letters, 2010, 104, 101101.	2.9	433
28	Discovery of very-high-energy Î³-rays from the Galactic Centre ridge. Nature, 2006, 439, 695-698.	13.7	420
29	THE FIRST CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2010, 715, 429-457.	1.6	415
30	THE FERMI LARGE AREA TELESCOPE ON ORBIT: EVENT CLASSIFICATION, INSTRUMENT RESPONSE FUNCTIONS, AND CALIBRATION. Astrophysical Journal, Supplement Series, 2012, 203, 4.	3.0	403
31	THE FIRST FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. Astrophysical Journal, Supplement Series, 2010, 187, 460-494.	3.0	396
32	FERMI/LARGE AREA TELESCOPE BRIGHT GAMMA-RAY SOURCE LIST. Astrophysical Journal, Supplement Series, 2009, 183, 46-66.	3.0	394
33	FERMI OBSERVATIONS OF GRB 090902B: A DISTINCT SPECTRAL COMPONENT IN THE PROMPT AND DELAYED EMISSION. Astrophysical Journal, 2009, 706, L138-L144.	1.6	364
34	Dark matter constraints from observations of 25 MilkyÂWay satellite galaxies with the Fermi Large Area Telescope. Physical Review D, 2014, 89, .	1.6	360
35	BRIGHT ACTIVE GALACTIC NUCLEI SOURCE LIST FROM THE FIRST THREE MONTHS OF THEFERMILARGE AREA TELESCOPE ALL-SKY SURVEY. Astrophysical Journal, 2009, 700, 597-622.	1.6	349
36	Very high energy gamma rays from the direction of Sagittarius A*. Astronomy and Astrophysics, 2004, 425, L13-L17.	2.1	332

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37	DEVELOPMENT OF THE MODEL OF GALACTIC INTERSTELLAR EMISSION FOR STANDARD POINT-SOURCE ANALYSIS OF FERMI LARGE AREA TELESCOPE DATA. Astrophysical Journal, Supplement Series, 2016, 223, 26.	3.0	313
38	Gamma-Ray Flares from the Crab Nebula. Science, 2011, 331, 739-742.	6.0	297
39	GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2012, 755, 164.	1.6	297
40	GAMMA-RAY LIGHT CURVES AND VARIABILITY OF BRIGHTFERMI-DETECTED BLAZARS. Astrophysical Journal, 2010, 722, 520-542.	1.6	292
41	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.	2.1	285
42	Genomic and epidemiological monitoring of yellow fever virus transmission potential. Science, 2018, 361, 894-899.	6.0	279
43	Discovery of Very High Energy Gamma Rays Associated with an X-ray Binary. Science, 2005, 309, 746-749.	6.0	277
44	Fast Variability of Tera-Electron Volt Â Rays from the Radio Galaxy M87. Science, 2006, 314, 1424-1427.	6.0	277
45	Fermi LAT observations of cosmic-ray electrons from 7ÂGeV to 1ÂTeV. Physical Review D, 2010, 82, .	1.6	276
46	A change in the optical polarization associated with a Î³-ray flare in the blazar 3Câ€‰279. Nature, 2010, 463, 919-923.	13.7	269
47	Primary particle acceleration above 100 TeV in the shell-type supernova remnant RX J1713.7-3946â€€with deep HESSâ€€observations. Astronomy and Astrophysics, 2007, 464, 235-243.	2.1	266
48	Detection of 16 Gamma-Ray Pulsars Through Blind Frequency Searches Using the Fermi LAT. Science, 2009, 325, 840-844.	6.0	264
49	The Fermi Galactic Center GeV Excess and Implications for Dark Matter. Astrophysical Journal, 2017, 840, 43.	1.6	264
50	FERMILARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION. Astrophysical Journal, 2011, 736, 131.	1.6	261
51	A detailed spectral and morphological study of the gamma-ray supernova remnant RX J1713.7â€“3946 with HESS. Astronomy and Astrophysics, 2006, 449, 223-242.	2.1	258
52	A New Population of Very High Energy Gamma-Ray Sources in the Milky Way. Science, 2005, 307, 1938-1942.	6.0	249
53	The H.E.S.S. Galactic plane survey. Astronomy and Astrophysics, 2018, 612, A1.	2.1	244
54	Background modelling in very-high-energy Î³-rayâ€€astronomy. Astronomy and Astrophysics, 2007, 466, 1219-1229.	2.1	240

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55	THE SPECTRUM AND MORPHOLOGY OF THEFERMIBUBBLES. Astrophysical Journal, 2014, 793, 64.	1.6	239
56	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE CRAB PULSAR AND NEBULA. Astrophysical Journal, 2010, 708, 1254-1267.	1.6	237
57	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.	2.9	233
58	3FHL: The Third Catalog of Hard Fermi-LAT Sources. Astrophysical Journal, Supplement Series, 2017, 232, 18.	3.0	227
59	Gamma-Ray Emission from the Shell of Supernova Remnant W44 Revealed by the Fermi LAT. Science, 2010, 327, 1103-1106.	6.0	220
60	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, .	1.6	220
61	2FHL: THE SECOND CATALOG OF HARD FERMI-LAT SOURCES. Astrophysical Journal, Supplement Series, 2016, 222, 5.	3.0	219
62	FERMI LAT DISCOVERY OF EXTENDED GAMMA-RAY EMISSION IN THE DIRECTION OF SUPERNOVA REMNANT W51C. Astrophysical Journal, 2009, 706, L1-L6.	1.6	216
63	3.9 day orbital modulation in the TeV Î³-ray flux and spectrum from the X-ray binary LSÂ5039. Astronomy and Astrophysics, 2006, 460, 743-749.	2.1	212
64	Fermi-LAT Observations of the Gamma-Ray Burst GRB 130427A. Science, 2014, 343, 42-47.	6.0	211
65	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. Astrophysical Journal Letters, 2016, 826, L13.	3.0	210
66	Discovery of very high energy gamma-ray emission coincident with molecular clouds in the WÂ28 (G6.4-0.1) field. Astronomy and Astrophysics, 2008, 481, 401-410.	2.1	209
67	OBSERVATIONS OF THE YOUNG SUPERNOVA REMNANT RX J1713.7â€“3946 WITH THEFERMILARGE AREA TELESCOPE. Astrophysical Journal, 2011, 734, 28.	1.6	209
68	The Imprint of the Extragalactic Background Light in the Gamma-Ray Spectra of Blazars. Science, 2012, 338, 1190-1192.	6.0	207
69	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. Astrophysical Journal, 2020, 892, 105.	1.6	204
70	OBSERVATION OF SUPERNOVA REMNANT ICÂ443 WITH THE FERMI LARGE AREA TELESCOPE. Astrophysical Journal, 2010, 712, 459-468.	1.6	203
71	New constraints on the mid-IR EBL from the HESS discovery ofÂVHE Î³-rays from 1ESâ€‰0229+200. Astronomy and Astrophysics, 2007, 475, L9-L13.	2.1	200
72	A Population of Gamma-Ray Millisecond Pulsars Seen with the Fermi Large Area Telescope. Science, 2009, 325, 848-852.	6.0	190

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73	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. Astrophysical Journal, Supplement Series, 2016, 224, 8.	3.0	190
74	Fermi Gamma-Ray Imaging of a Radio Galaxy. Science, 2010, 328, 725-729.	6.0	187
75	CONSTRAINTS ON THE GALACTIC HALO DARK MATTER FROMFERMI-LAT DIFFUSE MEASUREMENTS. Astrophysical Journal, 2012, 761, 91.	1.6	186
76	Incremental Fermi Large Area Telescope Fourth Source Catalog. Astrophysical Journal, Supplement Series, 2022, 260, 53.	3.0	186
77	INSIGHTS INTO THE HIGH-ENERGY Î³-RAY EMISSION OF MARKARIAN 501 FROM EXTENSIVE MULTIFREQUENCY OBSERVATIONS IN THEFERMIERA. Astrophysical Journal, 2011, 727, 129.	1.6	185
78	THE FIRST FERMI -LAT CATALOG OF SOURCES ABOVE 10 GeV. Astrophysical Journal, Supplement Series, 2013, 209, 34.	3.0	184
79	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT W28 (G6.4â€“0.1). Astrophysical Journal, 2010, 718, 348-356.	1.6	180
80	THEFERMI-LAT HIGH-LATITUDE SURVEY: SOURCE COUNT DISTRIBUTIONS AND THE ORIGIN OF THE EXTRAGALACTIC DIFFUSE BACKGROUND. Astrophysical Journal, 2010, 720, 435-453.	1.6	179
81	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.	3.0	179
82	DETECTION OF A SPECTRAL BREAK IN THE EXTRA HARD COMPONENT OF GRB 090926A. Astrophysical Journal, 2011, 729, 114.	1.6	179
83	HESS Observations of the Galactic Center Region and Their Possible Dark Matter Interpretation. Physical Review Letters, 2006, 97, 221102.	2.9	177
84	Science with e-ASTROGAM. Journal of High Energy Astrophysics, 2018, 19, 1-106.	2.4	177
85	Monte Carlo design studies for the Cherenkov Telescope Array. Astroparticle Physics, 2013, 43, 171-188.	1.9	176
86	Fermi LAT search for dark matter in gamma-ray lines and the inclusive photon spectrum. Physical Review D, 2012, 86, .	1.6	175
87	Search for gamma-ray spectral lines with the Fermi Large Area Telescope and dark matter implications. Physical Review D, 2013, 88, .	1.6	175
88	Quantum gravity phenomenology at the dawn of the multi-messenger eraâ€”A review. Progress in Particle and Nuclear Physics, 2022, 125, 103948.	5.6	175
89	FERMIOBSERVATIONS OF CASSIOPEIA AND CEPHEUS: DIFFUSE GAMMA-RAY EMISSION IN THE OUTER GALAXY. Astrophysical Journal, 2010, 710, 133-149.	1.6	172
90	H.E.S.S. Observations of the Supernova Remnant RX J0852.0â^'4622: Shellâ€Type Morphology and Spectrum of a Widely Extended Very High Energy Gammaâ€Ray Source. Astrophysical Journal, 2007, 661, 236-249.	1.6	167

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91	MINUTE-TIMESCALE >100 MeV Î³-RAY VARIABILITY DURING THE GIANT OUTBURST OF QUASAR 3C 279 OBSERVED BY FERMI-LAT IN 2015 JUNE. Astrophysical Journal Letters, 2016, 824, L20.	3.0	167
92	The e-ASTROGAM mission. Experimental Astronomy, 2017, 44, 25-82.	1.6	167
93	SPECTRAL PROPERTIES OF BRIGHTFERMI-DETECTED BLAZARS IN THE GAMMA-RAY BAND. Astrophysical Journal, 2010, 710, 1271-1285.	1.6	166
94	Fermi Large Area Telescope Search for Photon Lines from 30 to 200ÂGeV and Dark Matter Implications. Physical Review Letters, 2010, 104, 091302.	2.9	166
95	A very-high-energy component deep in the Î³-ray burst afterglow. Nature, 2019, 575, 464-467.	13.7	166
96	FERMIDISCOVERY OF GAMMA-RAY EMISSION FROM NGC 1275. Astrophysical Journal, 2009, 699, 31-39.	1.6	165
97	Gamma-Ray Emission Concurrent with the Nova in the Symbiotic Binary V407 Cygni. Science, 2010, 329, 817-821.	6.0	165
98	First detection of a VHE gamma-ray spectral maximum from a cosmic source: HESSâ€€discovery of the Vela X nebula. Astronomy and Astrophysics, 2006, 448, L43-L47.	2.1	164
99	HESS very-high-energy gamma-ray sources without identified counterparts. Astronomy and Astrophysics, 2008, 477, 353-363.	2.1	163
100	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.	1.6	161
101	GAMMA-RAY ACTIVITY IN THE CRAB NEBULA: THE EXCEPTIONAL FLARE OF 2011 APRIL. Astrophysical Journal, 2012, 749, 26.	1.6	159
102	Detection of TeVÎ³-ray emission from the shell-type supernova remnant RX J0852.0-4622â€€with HESS. Astronomy and Astrophysics, 2005, 437, L7-L10.	2.1	154
103	FERMILARGE AREA TELESCOPE GAMMA-RAY DETECTION OF THE RADIO GALAXY M87. Astrophysical Journal, 2009, 707, 55-60.	1.6	153
104	Energy dependent Î³-ray morphology in the pulsar wind nebula HESS J1825â€“137. Astronomy and Astrophysics, 2006, 460, 365-374.	2.1	152
105	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. Astrophysical Journal, 2019, 878, 52.	1.6	152
106	Search for Spectral Irregularities due to Photonâ€“Axionlike-Particle Oscillations with the Fermi Large Area Telescope. Physical Review Letters, 2016, 116, 161101.	2.9	151
107	FERMI -LAT DISCOVERY OF GeV GAMMA-RAY EMISSION FROM THE YOUNG SUPERNOVA REMNANT CASSIOPEIA A. Astrophysical Journal Letters, 2010, 710, L92-L97.	3.0	149
108	SIMULTANEOUS OBSERVATIONS OF PKS 2155â€“304 WITH HESS, FERMI , RXTE , AND ATOM: SPECTRAL ENERGY DISTRIBUTIONS AND VARIABILITY IN A LOW STATE. Astrophysical Journal, 2009, 696, L150-L155.	1.6	144

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109	EARLY FERMI GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF THE QUASAR 3C 454.3. Astrophysical Journal, 2009, 699, 817-823.	1.6	141
110	FERMILARGE AREA TELESCOPE VIEW OF THE CORE OF THE RADIO GALAXY CENTAURUS A. Astrophysical Journal, 2010, 719, 1433-1444.	1.6	141
111	GeV GAMMA-RAY FLUX UPPER LIMITS FROM CLUSTERS OF GALAXIES. Astrophysical Journal Letters, 2010, 717, L71-L78.	3.0	140
112	GAMMA-RAY EMISSION FROM CRUSHED CLOUDS IN SUPERNOVA REMNANTS. Astrophysical Journal Letters, 2010, 723, L122-L126.	3.0	139
113	Cosmic-ray electron-positron spectrum from 7ÂGeV to 2ÂTeV with the Fermi Large Area Telescope. Physical Review D, 2017, 95, .	1.6	138
114	Dark matter annihilation and decay in dwarf spheroidal galaxies: the classical and ultrafaint dSphs. Monthly Notices of the Royal Astronomical Society, 2015, 453, 849-867.	1.6	136
115	H.E.S.S. observations of PKSÂ2155-304. Astronomy and Astrophysics, 2005, 430, 865-875.	2.1	133
116	Fermi Large Area Telescope Measurements of the Diffuse Gamma-Ray Emission at Intermediate Galactic Latitudes. Physical Review Letters, 2009, 103, 251101.	2.9	133
117	Measuring the Cosmic-Ray Acceleration Efficiency of a Supernova Remnant. Science, 2009, 325, 719-722.	6.0	132
118	FERMI LARGE AREA TELESCOPE DETECTION OF THE YOUNG SUPERNOVA REMNANT TYCHO. Astrophysical Journal Letters, 2012, 744, L2.	3.0	132
119	SEARCH FOR GAMMA-RAY EMISSION FROM DES DWARF SPHEROIDAL GALAXY CANDIDATES WITH FERMI -LAT DATA. Astrophysical Journal Letters, 2015, 809, L4.	3.0	131
120	SWIFT AND FERMI OBSERVATIONS OF THE EARLY AFTERGLOW OF THE SHORT GAMMA-RAY BURST 090510. Astrophysical Journal Letters, 2010, 709, L146-L151.	3.0	130
121	DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259â€“63/LS 2883 AROUND PERIASTRON WITH FERMI. Astrophysical Journal Letters, 2011, 736, L11.	3.0	130
122	SEARCH FOR DARK MATTER SATELLITES USINGFERMI-LAT. Astrophysical Journal, 2012, 747, 121.	1.6	130
123	Resolving the Extragalactic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>-Ray Background above 50ÂGeV with the Fermi Large Area Telescope. Physical Review Letters, 2016, 116, 151105.	2.9	130
124	Potential for large outbreaks of Ebola virus disease. Epidemics, 2014, 9, 70-78.	1.5	128
125	The ASTRO-H Mission. Proceedings of SPIE, 2010, , .	0.8	125
126	SEARCH FOR SPATIALLY EXTENDEDFERMILARGE AREA TELESCOPE SOURCES USING TWO YEARS OF DATA. Astrophysical Journal, 2012, 756, 5.	1.6	125

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127	The on-orbit calibration of the Fermi Large Area Telescope. Astroparticle Physics, 2009, 32, 193-219.	1.9	123
128	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. Astrophysical Journal, 2014, 787, 18.	1.6	123
129	The Search for Spatial Extension in High-latitude Sources Detected by the Fermi Large Area Telescope. Astrophysical Journal, Supplement Series, 2018, 237, 32.	3.0	121
130	Discovery of extended VHE gamma-ray emission from the asymmetric pulsar wind nebula in MSH 15-52â€€with HESS. Astronomy and Astrophysics, 2005, 435, L17-L20.	2.1	121
131	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE VELA PULSAR. Astrophysical Journal, 2009, 696, 1084-1093.	1.6	120
132	FERMI LAT OBSERVATIONS OF LS I +61Â°303: FIRST DETECTION OF AN ORBITAL MODULATION IN GeV GAMMA RAYS. Astrophysical Journal, 2009, 701, L123-L128.	1.6	119
133	FERMI /LAT OBSERVATIONS OF LS 5039. Astrophysical Journal, 2009, 706, L56-L61.	1.6	119
134	The population of TeV pulsar wind nebulae in the H.E.S.S. Galactic Plane Survey. Astronomy and Astrophysics, 2018, 612, A2.	2.1	117
135	Very high energy gamma rays from the composite SNR Gâ€‰0.9+0.1. Astronomy and Astrophysics, 2005, 432, L25-L29.	2.1	117
136	FERMIOBSERVATIONS OF TeV-SELECTED ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2009, 707, 1310-1333.	1.6	114
137	Detection of VHE gamma-ray emission from the distant blazar 1ES 1101-232 with HESS and broadband characterisation. Astronomy and Astrophysics, 2007, 470, 475-489.	2.1	111
138	FERMILARGE AREA TELESCOPE CONSTRAINTS ON THE GAMMA-RAY OPACITY OF THE UNIVERSE. Astrophysical Journal, 2010, 723, 1082-1096.	1.6	106
139	Search for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math> -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.	2.9	105
140	Discovery of VHEÂÎ³-rays from the distant BLÂLacertae 1ESâ€‰0347-121. Astronomy and Astrophysics, 2007, 473, L25-L28.	2.1	104
141	Calibration of cameras of the H.E.S.S. detector. Astroparticle Physics, 2004, 22, 109-125.	1.9	103
142	A STATISTICAL APPROACH TO RECOGNIZING SOURCE CLASSES FOR UNASSOCIATED SOURCES IN THE FIRSTFERMI-LAT CATALOG. Astrophysical Journal, 2012, 753, 83.	1.6	100
143	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.	1.6	100
144	Detection of extended very-high-energy Î³-ray emission towards the young stellar cluster Westerlund 2. Astronomy and Astrophysics, 2007, 467, 1075-1080.	2.1	99

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145	FERMILAT OBSERVATION OF DIFFUSE GAMMA RAYS PRODUCED THROUGH INTERACTIONS BETWEEN LOCAL INTERSTELLAR MATTER AND HIGH-ENERGY COSMIC RAYS. Astrophysical Journal, 2009, 703, 1249-1256.	1.6	99
146	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.	1.6	99
147	FERMILARGE AREA TELESCOPE OBSERVATIONS OF TWO GAMMA-RAY EMISSION COMPONENTS FROM THE QUIESCENT SUN. Astrophysical Journal, 2011, 734, 116.	1.6	98
148	The trigger system of the H.E.S.S. telescope array. Astroparticle Physics, 2004, 22, 285-296.	1.9	97
149	HESS J0632+057: A NEW GAMMA-RAY BINARY?. Astrophysical Journal, 2009, 690, L101-L104.	1.6	97
150	THE VELA PULSAR: RESULTS FROM THE FIRST YEAR OFFERMILAT OBSERVATIONS. Astrophysical Journal, 2010, 713, 154-165.	1.6	96
151	Thermal conductivity of GaAs nanowires studied by micro-Raman spectroscopy combined with laser heating. Applied Physics Letters, 2010, 97, .	1.5	96
152	CONSTRAINTS ON THE COSMIC-RAY DENSITY GRADIENT BEYOND THE SOLAR CIRCLE FROMFERMIÎ³-RAY OBSERVATIONS OF THE THIRD GALACTIC QUADRANT. Astrophysical Journal, 2011, 726, 81.	1.6	96
153	H.E.S.S. observations of RX J1713.7â˜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.	2.1	95
154	Discovery of a point-like very-high-energy Î³-ray source in Monoceros. Astronomy and Astrophysics, 2007, 469, L1-L4.	2.1	94
155	FermiLarge Area Telescope observations of Local Group galaxies: detection of Mâ€‰31 and search for Mâ€‰33. Astronomy and Astrophysics, 2010, 523, L2.	2.1	94
156	CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USINGFERMILARGE AREA TELESCOPE OBSERVATIONS. Astrophysical Journal, 2013, 773, 77.	1.6	94
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