

Silvia Raino

List of Publications by Year in Descending Order

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

182
papers

24,773
citations

85
h-index

157
g-index

194
ext. papers

27,307
ext. citations

8
avg, IF

3.94
L-index

#	Paper	IF	Citations
182	A gamma-ray pulsar timing array constrains the nanohertz gravitational wave background.. <i>Science</i> , 2022 , 376, eabm3231	33.3	1
181	Gamma Rays from Fast Black-hole Winds. <i>Astrophysical Journal</i> , 2021 , 921, 144	4.7	3
180	Fermi Large Area Telescope Performance after 10 Years of Operation. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 256, 12	8	5
179	Catalog of Long-term Transient Sources in the First 10 yr of Fermi-LAT Data. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 256, 13	8	1
178	First Fermi-LAT Solar Flare Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 252, 13	8	11
177	Fermi Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 247, 33	8	406
176	Fermi and Swift Observations of GRB 190114C: Tracing the Evolution of High-energy Emission from Prompt to Afterglow. <i>Astrophysical Journal</i> , 2020 , 890, 9	4.7	28
175	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2020 , 892, 105	4.7	93
174	MAGIC and Fermi-LAT gamma-ray results on unassociated HAWC sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 356-366	4.3	4
173	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. <i>Astrophysical Journal</i> , 2019 , 878, 52	4.7	85
172	A Search for Cosmic-Ray Proton Anisotropy with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2019 , 883, 33	4.7	2
171	Bright Gamma-Ray Flares Observed in GRB 131108A. <i>Astrophysical Journal Letters</i> , 2019 , 886, L33	7.9	3
170	Science with e-ASTROGAM: A space mission for MeV-TeV gamma-ray astrophysics. <i>Journal of High Energy Astrophysics</i> , 2018 , 19, 1-106	2.5	101
169	The Search for Spatial Extension in High-latitude Sources Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 237, 32	8	70
168	Search for Gamma-Ray Emission from Local Primordial Black Holes with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2018 , 857, 49	4.7	10
167	Unresolved Gamma-Ray Sky through its Angular Power Spectrum. <i>Physical Review Letters</i> , 2018 , 121, 241101	7.4	11
166	VERITAS and Fermi-LAT Observations of TeV Gamma-Ray Sources Discovered by HAWC in the 2HWC Catalog. <i>Astrophysical Journal</i> , 2018 , 866, 24	4.7	15

165	Exploring the bulk of the BL Lacertae object population. <i>Astronomy and Astrophysics</i> , 2018 , 618, A175	5.1	1
164	Fermi-LAT Observations of LIGO/Virgo Event GW170817. <i>Astrophysical Journal</i> , 2018 , 861, 85	4.7	21
163	Investigating the Nature of Late-Time High-Energy GRB Emission Through Joint Observations.. <i>Astrophysical Journal</i> , 2018 , 863,	4.7	11
162	Fermi-LAT Observations of High-energy Behind-the-limb Solar Flares. <i>Astrophysical Journal</i> , 2017 , 835, 219	4.7	44
161	SEARCHING THE GAMMA-RAY SKY FOR COUNTERPARTS TO GRAVITATIONAL WAVE SOURCES:FERMIGAMMA-RAY BURST MONITORAND LARGE AREA TELESCOPE OBSERVATIONS OF LVT151012 AND GW151226. <i>Astrophysical Journal</i> , 2017 , 835, 82	4.7	29
160	Observations of M31 and M33 with the Fermi Large Area Telescope: A Galactic Center Excess in Andromeda?. <i>Astrophysical Journal</i> , 2017 , 836, 208	4.7	51
159	Measurement of the ratio h/e with a photomultiplier tube and a set of LEDs. <i>European Journal of Physics</i> , 2017 , 38, 025208	0.8	4
158	Gamma-Ray Blazars within the First 2 Billion Years. <i>Astrophysical Journal Letters</i> , 2017 , 837, L5	7.9	33
157	Search for Cosmic-Ray Electron and Positron Anisotropies with Seven Years of Fermi Large Area Telescope Data. <i>Physical Review Letters</i> , 2017 , 118, 091103	7.4	34
156	TheFermiGalactic Center GeV Excess and Implications for Dark Matter. <i>Astrophysical Journal</i> , 2017 , 840, 43	4.7	157
155	Observations of the gamma-ray emission from the Quiescent Sun with Fermi Large Area Telescope during the first 7 years in orbit. <i>EPJ Web of Conferences</i> , 2017 , 136, 03007	0.3	1
154	3FHL: The Third Catalog of Hard Fermi -LAT Sources. <i>Astrophysical Journal, Supplement Series</i> , 2017 , 232, 18	8	170
153	Fermi Observations of the LIGO Event GW170104. <i>Astrophysical Journal Letters</i> , 2017 , 846, L5	7.9	11
152	The Second Catalog of Flaring Gamma-Ray Sources from theFermi All-sky Variability Analysis. <i>Astrophysical Journal</i> , 2017 , 846, 34	4.7	42
151	Search for Extended Sources in the Galactic Plane Using Six Years ofFermi-Large Area Telescope Pass 8 Data above 10 GeV. <i>Astrophysical Journal</i> , 2017 , 843, 139	4.7	46
150	Cosmic-ray electron-positron spectrum from 7 GeV to 2 TeV with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2017 , 95,	4.9	100
149	Fermi Large Area Telescope Observations of the gamma-ray emission from the Quiescent Sun. <i>Nuclear and Particle Physics Proceedings</i> , 2017 , 291-293, 36-39	0.4	0
148	Deep view of the Large Magellanic Cloud with six years ofFermi-LAT observations. <i>Astronomy and Astrophysics</i> , 2016 , 586, A71	5.1	50

147	Resolving the Extragalactic γ -Ray Background above 50 GeV with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2016 , 116, 151105	7.4	105
146	FERMILARGE AREA TELESCOPE DETECTION OF EXTENDED GAMMA-RAY EMISSION FROM THE RADIO GALAXY FORNAX A. <i>Astrophysical Journal</i> , 2016 , 826, 1	4.7	48
145	Measurement of the high-energy gamma-ray emission from the Moon with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2016 , 93, 082001	4.9	17
144	Search for Spectral Irregularities due to Photon-Axionlike-Particle Oscillations with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2016 , 116, 161101	7.4	86
143	SEARCH FOR GAMMA-RAY EMISSION FROM THE COMA CLUSTER WITH SIX YEARS OFFERMI-LAT DATA. <i>Astrophysical Journal</i> , 2016 , 819, 149	4.7	67
142	DEEP MORPHOLOGICAL AND SPECTRAL STUDY OF THE SNR RCW 86 WITHFERMI-LAT. <i>Astrophysical Journal</i> , 2016 , 819, 98	4.7	22
141	CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. <i>Astrophysical Journal</i> , 2016 , 820, 72	4.7	2
140	2FHL: THE SECOND CATALOG OF HARD FERMI -LAT SOURCES. <i>Astrophysical Journal, Supplement Series</i> , 2016 , 222, 5	8	189
139	FERMI-LAT OBSERVATIONS OF HIGH-ENERGY γ RAY EMISSION TOWARD THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2016 , 819, 44	4.7	230
138	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2016 , 224, 8	8	148
137	DEVELOPMENT OF THE MODEL OF GALACTIC INTERSTELLAR EMISSION FOR STANDARD POINT-SOURCE ANALYSIS OF FERMI LARGE AREA TELESCOPE DATA. <i>Astrophysical Journal, Supplement Series</i> , 2016 , 223, 26	8	251
136	FERMI -LAT OBSERVATIONS OF THE LIGO EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 823, L2	7.9	42
135	FERMILAT STACKING ANALYSIS OFSWIFTLOCALIZED GRBs. <i>Astrophysical Journal</i> , 2016 , 822, 68	4.7	4
134	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100 MeV AND 820 GeV. <i>Astrophysical Journal</i> , 2015 , 799, 86	4.7	421
133	SEARCH FOR EARLY GAMMA-RAY PRODUCTION IN SUPERNOVAE LOCATED IN A DENSE CIRCUMSTELLAR MEDIUM WITH THEFERMILAT. <i>Astrophysical Journal</i> , 2015 , 807, 169	4.7	23
132	The Cherenkov Telescope Array potential for the study of young supernova remnants. <i>Astroparticle Physics</i> , 2015 , 62, 152-164	2.4	6
131	Updated search for spectral lines from Galactic dark matter interactions with pass 8 data from the Fermi Large Area Telescope. <i>Physical Review D</i> , 2015 , 91,	4.9	184
130	Searching for Dark Matter Annihilation from Milky Way Dwarf Spheroidal Galaxies with Six Years of Fermi Large Area Telescope Data. <i>Physical Review Letters</i> , 2015 , 115, 231301	7.4	598

129	SEARCH FOR GAMMA-RAY EMISSION FROM DES DWARF SPHEROIDAL GALAXY CANDIDATES WITH FERMI-LAT DATA. <i>Astrophysical Journal Letters</i> , 2015 , 809, L4	7.9	110
128	PSR J1906+0722: AN ELUSIVE GAMMA-RAY PULSAR. <i>Astrophysical Journal Letters</i> , 2015 , 809, L2	7.9	14
127	An extremely bright gamma-ray pulsar in the Large Magellanic Cloud. <i>Science</i> , 2015 , 350, 801-5	33.3	31
126	THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2015 , 810, 14	4.7	391
125	MULTIWAVELENGTH EVIDENCE FOR QUASI-PERIODIC MODULATION IN THE GAMMA-RAY BLAZAR PG 1553+113. <i>Astrophysical Journal Letters</i> , 2015 , 813, L41	7.9	96
124	SEARCH FOR EXTENDED GAMMA-RAY EMISSION FROM THE VIRGO GALAXY CLUSTER WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2015 , 812, 159	4.7	38
123	VERY HIGH ENERGY GBRAYS FROM THE UNIVERSE'S MIDDLE AGE: DETECTION OF THE $z = 0.940$ BLAZAR PKS 1441+25 WITH MAGIC. <i>Astrophysical Journal Letters</i> , 2015 , 815, L23	7.9	57
122	GAMMA-RAY FLARING ACTIVITY FROM THE GRAVITATIONALLY LENSED BLAZAR PKS 1830-11 OBSERVED BY FERMI-LAT. <i>Astrophysical Journal</i> , 2015 , 799, 143	4.7	37
121	Dark matter constraints from observations of 25 Milky Way satellite galaxies with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2014 , 89,	4.9	320
120	Fermi-LAT observations of the gamma-ray burst GRB 130427A. <i>Science</i> , 2014 , 343, 42-7	33.3	172
119	LARGE AREA TELESCOPE OBSERVATIONS OF BLAZAR 3C 279 OCCULTATIONS BY THE SUN. <i>Astrophysical Journal</i> , 2014 , 784,	4.7	9
118	THE SPECTRUM AND MORPHOLOGY OF THE FERMI BUBBLES. <i>Astrophysical Journal</i> , 2014 , 793, 64	4.7	197
117	IMPULSIVE AND LONG DURATION HIGH-ENERGY GAMMA-RAY EMISSION FROM THE VERY BRIGHT 2012 MARCH 7 SOLAR FLARES. <i>Astrophysical Journal</i> , 2014 , 789, 20	4.7	81
116	The first pulse of the extremely bright GRB 130427A: a test lab for synchrotron shocks. <i>Science</i> , 2014 , 343, 51-4	33.3	51
115	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014 , 787, 18	4.7	96
114	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4C +21.35 DURING THE 2010 FLARING ACTIVITY. <i>Astrophysical Journal</i> , 2014 , 786, 157	4.7	29
113	Inferred cosmic-ray spectrum from Fermi large area telescope γ -ray observations of Earth's limb. <i>Physical Review Letters</i> , 2014 , 112, 151103	7.4	25
112	HIGH-ENERGY GAMMA-RAY EMISSION FROM SOLAR FLARES: SUMMARY OF FERMI LARGE AREA TELESCOPE DETECTIONS AND ANALYSIS OF TWO M-CLASS FLARES. <i>Astrophysical Journal</i> , 2014 , 787, 15	4.7	81

111	DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. <i>Astrophysical Journal Letters</i> , 2014 , 785, L16	7.9	32
110	Study of the blazar AO 0235+164 during the multi-wavelength observation period from October 2008 to February 2009. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2013 , 239-240, 270-273		2
109	Search for gamma-ray spectral lines with the Fermi Large Area Telescope and dark matter implications. <i>Physical Review D</i> , 2013 , 88,	4.9	155
108	PSR J2021+4026 IN THE GAMMA CYGNI REGION: THE FIRST VARIABLE Γ RAY PULSAR SEEN BY THE Fermi LAT. <i>Astrophysical Journal Letters</i> , 2013 , 777, L2	7.9	52
107	CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USING FERMI LARGE AREA TELESCOPE OBSERVATIONS. <i>Astrophysical Journal</i> , 2013 , 773, 77	4.7	70
106	Detection of the characteristic pion-decay signature in supernova remnants. <i>Science</i> , 2013 , 339, 807-11	33.3	475
105	Possible applications of the SITRD technique in the next generation collider experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 706, 69-72	1.2	
104	Fermi-LAT Gamma-Ray Variability Study of Misaligned AGN. <i>EPJ Web of Conferences</i> , 2013 , 61, 04007	0.3	2
103	DETERMINATION OF THE POINT-SPREAD FUNCTION FOR THE FERMI LARGE AREA TELESCOPE FROM ON-ORBIT DATA AND LIMITS ON PAIR HALOS OF ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2013 , 765, 54	4.7	56
102	THE SECOND FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 208, 17	8	583
101	THE FIRST FERMI -LAT GAMMA-RAY BURST CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 209, 11	8	203
100	ASSOCIATING LONG-TERM Γ RAY VARIABILITY WITH THE SUPERORBITAL PERIOD OF LS I +61 β 03. <i>Astrophysical Journal Letters</i> , 2013 , 773, L35	7.9	34
99	THE FIRST FERMI -LAT CATALOG OF SOURCES ABOVE 10 GeV. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 209, 34	8	160
98	THE FERMI ALL-SKY VARIABILITY ANALYSIS: A LIST OF FLARING GAMMA-RAY SOURCES AND THE SEARCH FOR TRANSIENTS IN OUR GALAXY. <i>Astrophysical Journal</i> , 2013 , 771, 57	4.7	43
97	MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. <i>Astrophysical Journal</i> , 2013 , 763, 71	4.7	64
96	SEARCH FOR DARK MATTER SATELLITES USING FERMI-LAT. <i>Astrophysical Journal</i> , 2012 , 747, 121	4.7	120
95	The characterization of the distant blazar GB6 J1239+0443 from flaring and low activity periods. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 425, 2015-2026	4.3	9
94	Publisher's Note: Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT [Phys. Rev. D 85, 083007 (2012)]. <i>Physical Review D</i> , 2012 , 85,	4.9	12

93	CONSTRAINING THE HIGH-ENERGY EMISSION FROM GAMMA-RAY BURSTS WITH FERMI. <i>Astrophysical Journal</i> , 2012 , 754, 121	4.7	11
92	Anisotropies in the diffuse gamma-ray background measured by the Fermi LAT. <i>Physical Review D</i> , 2012 , 85,	4.9	73
91	CONSTRAINTS ON THE GALACTIC HALO DARK MATTER FROM FERMI-LAT DIFFUSE MEASUREMENTS. <i>Astrophysical Journal</i> , 2012 , 761, 91	4.7	148
90	FERMI LARGE AREA TELESCOPE STUDY OF COSMIC RAYS AND THE INTERSTELLAR MEDIUM IN NEARBY MOLECULAR CLOUDS. <i>Astrophysical Journal</i> , 2012 , 755, 22	4.7	46
89	FERMI LARGE AREA TELESCOPE SECOND SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2012 , 199, 31	8	1003
88	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF THE SUPERNOVA REMNANT G8.70.1. <i>Astrophysical Journal</i> , 2012 , 744, 80	4.7	36
87	In-flight measurement of the absolute energy scale of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2012 , 35, 346-353	2.4	24
86	Binary millisecond pulsar discovery via gamma-ray pulsations. <i>Science</i> , 2012 , 338, 1314-7	33.3	78
85	Fermi LAT search for dark matter in gamma-ray lines and the inclusive photon spectrum. <i>Physical Review D</i> , 2012 , 86,	4.9	161
84	Measurement of separate cosmic-ray electron and positron spectra with the Fermi large area telescope. <i>Physical Review Letters</i> , 2012 , 108, 011103	7.4	378
83	The imprint of the extragalactic background light in the gamma-ray spectra of blazars. <i>Science</i> , 2012 , 338, 1190-2	33.3	182
82	Periodic emission from the gamma-ray binary 1FGL J1018.6-5856. <i>Science</i> , 2012 , 335, 189-93	33.3	66
81	THE FERMI LARGE AREA TELESCOPE ON ORBIT: EVENT CLASSIFICATION, INSTRUMENT RESPONSE FUNCTIONS, AND CALIBRATION. <i>Astrophysical Journal, Supplement Series</i> , 2012 , 203, 4	8	356
80	FERMI LARGE AREA TELESCOPE DETECTION OF THE YOUNG SUPERNOVA REMNANT TYCHO. <i>Astrophysical Journal Letters</i> , 2012 , 744, L2	7.9	119
79	Limits on large extra dimensions based on observations of neutron stars with the Fermi-LAT. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012 , 2012, 012-012	6.4	2
78	GeV OBSERVATIONS OF STAR-FORMING GALAXIES WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012 , 755, 164	4.7	245
77	FERMI OBSERVATIONS OF BRAY EMISSION FROM THE MOON. <i>Astrophysical Journal</i> , 2012 , 758, 140	4.7	17
76	GAMMA-RAY OBSERVATIONS OF THE ORION MOLECULAR CLOUDS WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2012 , 756, 4	4.7	34

75	GRB110721A: AN EXTREME PEAK ENERGY AND SIGNATURES OF THE PHOTOSPHERE. <i>Astrophysical Journal Letters</i> , 2012 , 757, L31	7.9	129
74	Simultaneous Planck, Swift, and Fermi observations of X-ray and γ -ray selected blazars. <i>Astronomy and Astrophysics</i> , 2012 , 541, A160	5.1	145
73	SEARCH FOR GAMMA-RAY EMISSION FROM X-RAY-SELECTED SEYFERT GALAXIES WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2012 , 747, 104	4.7	41
72	FERMI DETECTION OF γ -RAY EMISSION FROM THE M2 SOFT X-RAY FLARE ON 2010 JUNE 12. <i>Astrophysical Journal</i> , 2012 , 745, 144	4.7	52
71	A STATISTICAL APPROACH TO RECOGNIZING SOURCE CLASSES FOR UNASSOCIATED SOURCES IN THE FIRST FERMI-LAT CATALOG. <i>Astrophysical Journal</i> , 2012 , 753, 83	4.7	85
70	The cosmic-ray and gas content of the Cygnus region as measured in γ -rays by the Fermi Large Area Telescope. <i>Astronomy and Astrophysics</i> , 2012 , 538, A71	5.1	38
69	FERMI-LAT OBSERVATIONS OF THE DIFFUSE γ -RAY EMISSION: IMPLICATIONS FOR COSMIC RAYS AND THE INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2012 , 750, 3	4.7	405
68	MULTI-WAVELENGTH OBSERVATIONS OF BLAZAR AO 0235+164 IN THE 2008-2009 FLARING STATE. <i>Astrophysical Journal</i> , 2012 , 751, 159	4.7	40
67	DETECTION OF HIGH-ENERGY GAMMA-RAY EMISSION DURING THE X-RAY FLARING ACTIVITY IN GRB 100728A. <i>Astrophysical Journal Letters</i> , 2011 , 734, L27	7.9	32
66	Planck early results. XV. Spectral energy distributions and radio continuum spectra of northern extragalactic radio sources. <i>Astronomy and Astrophysics</i> , 2011 , 536, A15	5.1	86
65	RADIO AND γ -RAY CONSTRAINTS ON THE EMISSION GEOMETRY AND BIRTHPLACE OF PSR J2043+2740. <i>Astrophysical Journal</i> , 2011 , 728, 77	4.7	9
64	OBSERVATIONS OF THE YOUNG SUPERNOVA REMNANT RX J1713.7B946 WITH THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011 , 734, 28	4.7	193
63	γ -RAY AND PARSEC-SCALE JET PROPERTIES OF A COMPLETE SAMPLE OF BLAZARS FROM THE MOJAVE PROGRAM. <i>Astrophysical Journal</i> , 2011 , 742, 27	4.7	85
62	DISCOVERY OF HIGH-ENERGY GAMMA-RAY EMISSION FROM THE BINARY SYSTEM PSR B1259B3/LS 2883 AROUND PERIASTRON WITH FERMI. <i>Astrophysical Journal Letters</i> , 2011 , 736, L11	7.9	117
61	FERMI-LAT SEARCH FOR PULSAR WIND NEBULAE AROUND GAMMA-RAY PULSARS. <i>Astrophysical Journal</i> , 2011 , 726, 35	4.7	55
60	THE RADIO/GAMMA-RAY CONNECTION IN ACTIVE GALACTIC NUCLEI IN THE ERA OF THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011 , 741, 30	4.7	102
59	CONSTRAINTS ON THE COSMIC-RAY DENSITY GRADIENT BEYOND THE SOLAR CIRCLE FROM FERMI γ -RAY OBSERVATIONS OF THE THIRD GALACTIC QUADRANT. <i>Astrophysical Journal</i> , 2011 , 726, 81	4.7	88
58	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF TWO GAMMA-RAY EMISSION COMPONENTS FROM THE QUIESCENT SUN. <i>Astrophysical Journal</i> , 2011 , 734, 116	4.7	68

57	DETECTION OF A SPECTRAL BREAK IN THE EXTRA HARD COMPONENT OF GRB 090926A. <i>Astrophysical Journal</i> , 2011 , 729, 114	4-7	152
56	THE FIRST FERMI MULTIFREQUENCY CAMPAIGN ON BL LACERTAE: CHARACTERIZING THE LOW-ACTIVITY STATE OF THE EPONYMOUS BLAZAR. <i>Astrophysical Journal</i> , 2011 , 730, 101	4-7	46
55	FERMI GAMMA-RAY SPACE TELESCOPE OBSERVATIONS OF THE GAMMA-RAY OUTBURST FROM 3C454.3 IN NOVEMBER 2010. <i>Astrophysical Journal Letters</i> , 2011 , 733, L26	7-9	153
54	A cocoon of freshly accelerated cosmic rays detected by Fermi in the Cygnus superbubble. <i>Science</i> , 2011 , 334, 1103-7	33-3	168
53	Constraints on dark matter models from a Fermi LAT search for high-energy cosmic-ray electrons from the Sun. <i>Physical Review D</i> , 2011 , 84,	4-9	26
52	Broad band spectral energy distribution studies of Fermi bright blazars. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 630, 261-264	1-2	
51	FERMI LARGE AREA TELESCOPE OBSERVATIONS OF MARKARIAN 421: THE MISSING PIECE OF ITS SPECTRAL ENERGY DISTRIBUTION. <i>Astrophysical Journal</i> , 2011 , 736, 131	4-7	212
50	Constraining dark matter models from a combined analysis of Milky Way satellites with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2011 , 107, 241302	7-4	414
49	Gamma-ray flares from the Crab Nebula. <i>Science</i> , 2011 , 331, 739-42	33-3	263
48	Fermi detection of a luminous γ -ray pulsar in a globular cluster. <i>Science</i> , 2011 , 334, 1107-10	33-3	51
47	THE SECOND CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2011 , 743, 171	4-7	473
46	Fermi gamma-ray imaging of a radio galaxy. <i>Science</i> , 2010 , 328, 725-9	33-3	168
45	Gamma-ray emission from the shell of supernova remnant W44 revealed by the Fermi LAT. <i>Science</i> , 2010 , 327, 1103-6	33-3	201
44	THE SPECTRAL ENERGY DISTRIBUTION OF FERMI BRIGHT BLAZARS. <i>Astrophysical Journal</i> , 2010 , 716, 30-70	4-7	580
43	Gamma-ray emission concurrent with the nova in the symbiotic binary V407 Cygni. <i>Science</i> , 2010 , 329, 817-21	33-3	138
42	FERMI LARGE AREA TELESCOPE FIRST SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2010 , 188, 405-436	8	754
41	Spectrum of the isotropic diffuse gamma-ray emission derived from first-year Fermi Large Area Telescope data. <i>Physical Review Letters</i> , 2010 , 104, 101101	7-4	396
40	FERMI LARGE AREA TELESCOPE CONSTRAINTS ON THE GAMMA-RAY OPACITY OF THE UNIVERSE. <i>Astrophysical Journal</i> , 2010 , 723, 1082-1096	4-7	101

39	FERMIOBSERVATIONS OF GRB 090510: A SHORT-HARD GAMMA-RAY BURST WITH AN ADDITIONAL, HARD POWER-LAW COMPONENT FROM 10 keV TO GeV ENERGIES. <i>Astrophysical Journal</i> , 2010 , 716, 1178-1190	4.7	269
38	THE DISCOVERY OF γ RAY EMISSION FROM THE BLAZAR RGB J0710+591. <i>Astrophysical Journal Letters</i> , 2010 , 715, L49-L55	7.9	59
37	Detection of the Small Magellanic Cloud in gamma-rays with Fermi/LAT. <i>Astronomy and Astrophysics</i> , 2010 , 523, A46	5.1	65
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22	FERMIOBSERVATIONS OF CASSIOPEIA AND CEPHEUS: DIFFUSE GAMMA-RAY EMISSION IN THE OUTER GALAXY. <i>Astrophysical Journal</i> , 2010 , 710, 133-149	4.7	156

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19	FERMILARGE AREA TELESCOPE OBSERVATIONS OF MISALIGNED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2010 , 720, 912-922	4.7	133
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