

Eleonora Troja

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.

213
papers

19,976
citations

73
h-index

138
g-index

231
ext. papers

22,740
ext. citations

8.3
avg, IF

5.57
L-index

#	Paper	IF	Citations
213	The CGMGRB Study. II. Outflow-Galaxy Connection at $z \sim 2$. <i>Astrophysical Journal</i> , 2022 , 926, 63	4.7	1
212	The early afterglow of GRB 190829A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 2337-2349	4.3	1
211	Kilonova Detectability with Wide-field Instruments. <i>Astrophysical Journal</i> , 2022 , 927, 163	4.7	3
210	Identification of an X-Ray Pulsar in the BeXRB System IGR J18219-1347. <i>Astrophysical Journal</i> , 2022 , 927, 139	4.7	0
209	Limits on the Hard X-Ray Emission From the Periodic Fast Radio Burst FRB 180916.J0158+65. <i>Astrophysical Journal</i> , 2022 , 929, 173	4.7	1
208	Simultaneous View of FRB 180301 with FAST and NICER during a Bursting Phase. <i>Astrophysical Journal</i> , 2022 , 930, 172	4.7	1
207	Accurate flux calibration of GW170817: is the X-ray counterpart on the rise?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 510, 1902-1909	4.3	2
206	Gamma Rays from Fast Black-hole Winds. <i>Astrophysical Journal</i> , 2021 , 921, 144	4.7	3
205	Evidence of Extended Emission in GRB 181123B and Other High-redshift Short GRBs. <i>Astrophysical Journal Letters</i> , 2021 , 911, L28	7.9	3
204	Late-time radio observations of the short GRB 200522A: constraints on the magnetar model. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021 , 505, L41-L45	4.3	3
203	Discovery and confirmation of the shortest gamma-ray burst from a collapsar. <i>Nature Astronomy</i> , 2021 , 5, 917-927	12.1	11
202	DDOTI observations of gravitational-wave sources discovered in O3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 1401-1420	4.3	9
201	Swift Multiwavelength Follow-up of LVC S200224ca and the Implications for Binary Black Hole Mergers. <i>Astrophysical Journal</i> , 2021 , 907, 97	4.7	4
200	FRB131104 Swift/BAT Data Revisited: No Evidence of a Gamma-Ray Counterpart. <i>Astrophysical Journal</i> , 2021 , 908, 137	4.7	1
199	Modeling the Prompt Optical Emission of GRB 180325A: The Evolution of a Spike from the Optical to Gamma Rays. <i>Astrophysical Journal</i> , 2021 , 908, 39	4.7	1
198	Swift/UVOT follow-up of gravitational wave alerts in the O3 era. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 1296-1317	4.3	6
197	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

196	First Fermi-LAT Solar Flare Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 252, 13	8	11
195	Constraints on the Electromagnetic Counterpart of the Neutron-starBlack-hole Merger GW200115. <i>Astrophysical Journal Letters</i> , 2021 , 923, L32	7.9	4
194	Short gamma-ray bursts within 200 Mpc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 5011-5022	4.3	16
193	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
192	Kilonova Luminosity Function Constraints Based on Zwicky Transient Facility Searches for 13 Neutron Star Merger Triggers during O3. <i>Astrophysical Journal</i> , 2020 , 905, 145	4.7	29
191	Swift-XRT follow-up of gravitational wave triggers during the third aLIGO/Virgo observing run. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 3459-3480	4.3	16
190	A thousand days after the merger: Continued X-ray emission from GW170817. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 5643-5651	4.3	39
189	Gamma-Ray Burst Afterglows in the Multimessenger Era: Numerical Models and Closure Relations. <i>Astrophysical Journal</i> , 2020 , 896, 166	4.7	48
188	Searching for the radio remnants of short-duration gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 500, 1708-1720	4.3	13
187	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2020 , 892, 105	4.7	93
186	The afterglow and kilonova of the short GRB 160821B. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 ,	4.3	39
185	A year in the life of GW170817: the rise and fall of a structured jet from a binary neutron star merger. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 ,	4.3	61
184	MAGIC andFermi-LAT gamma-ray results on unassociated HAWC sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 356-366	4.3	4
183	Evidence for a Bright-edged Jet in the Optical/Near-infrared Afterglow of GRB 160625B. <i>Astrophysical Journal Letters</i> , 2019 , 873, L6	7.9	2
182	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. <i>Astrophysical Journal</i> , 2019 , 878, 52	4.7	85
181	The fast, luminous ultraviolet transient AT2018cow: extreme supernova, or disruption of a star by an intermediate-mass black hole?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 1031-1049	4.3	78
180	A multiwavelength analysis of a collection of short-duration GRBs observed between 2012 and 2015. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 5294-5318	4.3	12
179	Late Central-engine Activity in GRB 180205A. <i>Astrophysical Journal</i> , 2019 , 872, 118	4.7	7

178	Reverse Shock Emission Revealed in Early Photometry in the Candidate Short GRB 180418A. <i>Astrophysical Journal</i> , 2019 , 881, 12	4.7	10
177	Swift spectra of AT2018cow: a white dwarf tidal disruption event?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 2505-2521	4.3	39
176	A Search for Cosmic-Ray Proton Anisotropy with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2019 , 883, 33	4.7	2
175	Swift-XRT Follow-up of Gravitational-wave Triggers in the Second Advanced LIGO/Virgo Observing Run. <i>Astrophysical Journal, Supplement Series</i> , 2019 , 245, 15	8	10
174	GRB 180620A: Evidence for Late-time Energy Injection. <i>Astrophysical Journal</i> , 2019 , 887, 254	4.7	1
173	GROWTH on S190425z: Searching Thousands of Square Degrees to Identify an Optical or Infrared Counterpart to a Binary Neutron Star Merger with the Zwicky Transient Facility and Palomar Gattini-IR. <i>Astrophysical Journal Letters</i> , 2019 , 885, L19	7.9	54
172	Observation of inverse Compton emission from a long γ burst. <i>Nature</i> , 2019 , 575, 459-463	50.4	80
171	A long-lived neutron star merger remnant in GW170817: constraints and clues from X-ray observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 483, 1912-1921	4.3	81
170	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. <i>Science Advances</i> , 2018 , 4, eaao72283	22.3	13
169	RATIR Follow-up of LIGO/Virgo Gravitational Wave Events. <i>Astrophysical Journal</i> , 2018 , 857, 81	4.7	6
168	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018 , 361,	33.3	407
167	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
166	A gamma-ray determination of the Universe's star formation history. <i>Science</i> , 2018 , 362, 1031-1034	33.3	71
165	Unresolved Gamma-Ray Sky through its Angular Power Spectrum. <i>Physical Review Letters</i> , 2018 , 121, 241101	7.4	11
164	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
163	Discovery of a jet-like structure with overionized plasma in the SNR IC 443. <i>Astronomy and Astrophysics</i> , 2018 , 615, A157	5.1	11
162	A luminous blue kilonova and an off-axis jet from a compact binary merger at $z = 0.1341$. <i>Nature Communications</i> , 2018 , 9, 4089	17.4	56
161	Fermi-LAT Observations of LIGO/Virgo Event GW170817. <i>Astrophysical Journal</i> , 2018 , 861, 85	4.7	21

160	The outflow structure of GW170817 from late-time broad-band observations. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018 , 478, L18-L23	4.3	142
159	The THESEUS space mission concept: science case, design and expected performances. <i>Advances in Space Research</i> , 2018 , 62, 191-244	2.4	90
158	Fermi-LAT Observations of High-energy Behind-the-limb Solar Flares. <i>Astrophysical Journal</i> , 2017 , 835, 219	4.7	44
157	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
156	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
155	Photometric Observations of Supernova 2013cq Associated with GRB 130427A. <i>Astrophysical Journal</i> , 2017 , 837, 116	4.7	10
154	Gamma-Ray Blazars within the First 2 Billion Years. <i>Astrophysical Journal Letters</i> , 2017 , 837, L5	7.9	33
153	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
152	TheFermiGalactic Center GeV Excess and Implications for Dark Matter. <i>Astrophysical Journal</i> , 2017 , 840, 43	4.7	157
151	3FHL: The Third Catalog of Hard Fermi -LAT Sources. <i>Astrophysical Journal, Supplement Series</i> , 2017 , 232, 18	8	170
150	The X-ray counterpart to the gravitational-wave event GW170817. <i>Nature</i> , 2017 , 551, 71-74	50.4	417
149	Spectroscopic identification of r-process nucleosynthesis in a double neutron-star merger. <i>Nature</i> , 2017 , 551, 67-70	50.4	444
148	The unpolarized macronova associated with the gravitational wave event GW 170817. <i>Nature Astronomy</i> , 2017 , 1, 791-794	12.1	56
147	and observations of GW170817: Detection of a blue kilonova. <i>Science</i> , 2017 , 358, 1565-1570	33.3	286
146	The Environment of the Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017 , 848, L28	7.9	89
145	Challenging the Forward Shock Model with the 80 Ms Follow up of the X-ray Afterglow of Gamma-Ray Burst 130427A. <i>Galaxies</i> , 2017 , 5, 6	2	3
144	Fermi Observations of the LIGO Event GW170104. <i>Astrophysical Journal Letters</i> , 2017 , 846, L5	7.9	11
143	The Second Catalog of Flaring Gamma-Ray Sources from theFermi All-sky Variability Analysis. <i>Astrophysical Journal</i> , 2017 , 846, 34	4.7	42

142	Search for Extended Sources in the Galactic Plane Using Six Years of Fermi-Large Area Telescope Pass 8 Data above 10 GeV. <i>Astrophysical Journal</i> , 2017 , 843, 139	4.7	46
141	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
140	Distance and Properties of NGC 4993 as the Host Galaxy of the Gravitational-wave Source GW170817. <i>Astrophysical Journal Letters</i> , 2017 , 849, L16	7.9	45
139	ALMA and RATIR observations of GRB 131030A. <i>Publication of the Astronomical Society of Japan</i> , 2017 , psw124	3.2	2
138	A Tale of Two Transients: GW 170104 and GRB 170105A. <i>Astrophysical Journal</i> , 2017 , 845, 152	4.7	24
137	iPTF17cw: An Engine-driven Supernova Candidate Discovered Independent of a Gamma-Ray Trigger. <i>Astrophysical Journal</i> , 2017 , 847, 54	4.7	20
136	Significant and variable linear polarization during the prompt optical flash of GRB 160625B. <i>Nature</i> , 2017 , 547, 425-427	50.4	67
135	Swift follow-up of gravitational wave triggers: results from the first aLIGO run and optimization for the future. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 1591-1602	4.3	29
134	The 80 Ms follow-up of the X-ray afterglow of GRB 130427A challenges the standard forward shock model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 1111-1122	4.3	18
133	DO THE FERMI GAMMA-RAY BURST MONITOR AND SWIFT BURST ALERT TELESCOPE SEE THE SAME SHORT GAMMA-RAY BURSTS?. <i>Astrophysical Journal</i> , 2016 , 818, 110	4.7	17
132	Deep view of the Large Magellanic Cloud with six years of Fermi-LAT observations. <i>Astronomy and Astrophysics</i> , 2016 , 586, A71	5.1	50
131	THE THIRD SWIFT BURST ALERT TELESCOPE GAMMA-RAY BURST CATALOG. <i>Astrophysical Journal</i> , 2016 , 829, 7	4.7	133
130	XMM-NEWTON SLEW SURVEY OBSERVATIONS OF THE GRAVITATIONAL WAVE EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 822, L8	7.9	16
129	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
128	FERMI LARGE AREA TELESCOPE DETECTION OF EXTENDED GAMMA-RAY EMISSION FROM THE RADIO GALAXY FORNAX A. <i>Astrophysical Journal</i> , 2016 , 826, 1	4.7	48
127	SUPPLEMENT: LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914 (2016, ApJL, 826, L13). <i>Astrophysical Journal, Supplement Series</i> , 2016 , 225, 8	8	38
126	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
125	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

124	AN ACHROMATIC BREAK IN THE AFTERGLOW OF THE SHORT GRB 140903A: EVIDENCE FOR A NARROW JET. <i>Astrophysical Journal</i> , 2016 , 827, 102	4-7	64
123	OPTICAL AND NEAR-INFRARED OBSERVATIONS OF SN 2013DX ASSOCIATED WITH GRB 130702A. <i>Astrophysical Journal</i> , 2016 , 818, 79	4-7	34
122	MINUTE-TIMESCALE >100 MeV γ -RAY VARIABILITY DURING THE GIANT OUTBURST OF QUASAR 3C 279 OBSERVED BY FERMI -LAT IN 2015 JUNE. <i>Astrophysical Journal Letters</i> , 2016 , 824, L20	7-9	129
121	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
120	DEEP MORPHOLOGICAL AND SPECTRAL STUDY OF THE SNR RCW 86 WITHFERMI-LAT. <i>Astrophysical Journal</i> , 2016 , 819, 98	4-7	22
119	CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. <i>Astrophysical Journal</i> , 2016 , 820, 72	4-7	2
118	2FHL: THE SECOND CATALOG OF HARD FERMI -LAT SOURCES. <i>Astrophysical Journal, Supplement Series</i> , 2016 , 222, 5	8	189
117	FERMI-LAT OBSERVATIONS OF HIGH-ENERGY γ -RAY EMISSION TOWARD THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2016 , 819, 44	4-7	230
116	The central engine of GRB 130831A and the energy breakdown of a relativistic explosion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 455, 1027-1042	4-3	18
115	DDOTI: the deca-degree optical transient imager 2016 ,		2
114	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2016 , 224, 8	8	148
113	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
112	FERMI -LAT OBSERVATIONS OF THE LIGO EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 823, L2	7-9	42
111	FERMILAT STACKING ANALYSIS OFSWIFTLOCALIZED GRBs. <i>Astrophysical Journal</i> , 2016 , 822, 68	4-7	4
110	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100 MeV AND 820 GeV. <i>Astrophysical Journal</i> , 2015 , 799, 86	4-7	421
109	FERMI LARGE AREA TELESCOPE THIRD SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2015 , 218, 23	8	1100
108	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
107	SWIFTANDFERMIOBSERVATIONS OF X-RAY FLARES: THE CASE OF LATE INTERNAL SHOCK. <i>Astrophysical Journal</i> , 2015 , 803, 10	4-7	19

106	SPATIAL DISTRIBUTION OF X-RAY EMITTING EJECTA IN TYCHO'S SNR: INDICATIONS OF SHOCKED TITANIUM. <i>Astrophysical Journal</i> , 2015 , 805, 120	4.7	15
105	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
104	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
103	PSR J1906+0722: AN ELUSIVE GAMMA-RAY PULSAR. <i>Astrophysical Journal Letters</i> , 2015 , 809, L2	7.9	14
102	HAPPY BIRTHDAY SWIFT: ULTRA-LONG GRB 141121A AND ITS BROADBAND AFTERGLOW. <i>Astrophysical Journal</i> , 2015 , 812, 122	4.7	13
101	A detailed study of the optical attenuation of gamma-ray bursts in the Swift era. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 449, 2919-2936	4.3	20
100	AN ANALYSIS OF CHANDRA DEEP FOLLOW-UP GAMMA-RAY BURSTS: IMPLICATIONS FOR OFF-AXIS JETS. <i>Astrophysical Journal</i> , 2015 , 806, 15	4.7	53
99	THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMI LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2015 , 810, 14	4.7	391
98	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
97	SEARCH FOR EXTENDED GAMMA-RAY EMISSION FROM THE VIRGO GALAXY CLUSTER WITH FERMI-LAT. <i>Astrophysical Journal</i> , 2015 , 812, 159	4.7	38
96	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
95	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
94	Fermi-LAT observations of the gamma-ray burst GRB 130427A. <i>Science</i> , 2014 , 343, 42-7	33.3	172
93	LARGE AREA TELESCOPE OBSERVATIONS OF BLAZAR 3C 279 OCCULTATIONS BY THE SUN. <i>Astrophysical Journal</i> , 2014 , 784,	4.7	9
92	THE SPECTRUM AND MORPHOLOGY OF THE FERMI BUBBLES. <i>Astrophysical Journal</i> , 2014 , 793, 64	4.7	197
91	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
90	A HOT COCOON IN THE ULTRALONG GRB 130925A: HINTS OF A POP III-LIKE PROGENITOR IN A LOW-DENSITY WIND ENVIRONMENT. <i>Astrophysical Journal Letters</i> , 2014 , 790, L15	7.9	46
89	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

88	SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014 , 787, 18	4.7	96
87	IDENTIFYING HIGH-REDSHIFT GAMMA-RAY BURSTS WITH RATIR. <i>Astronomical Journal</i> , 2014 , 148, 2	4.9	7
86	SWIFT /BAT DETECTION OF HARD X-RAYS FROM TYCHO'S SUPERNOVA REMNANT: EVIDENCE FOR TITANIUM-44. <i>Astrophysical Journal Letters</i> , 2014 , 797, L6	7.9	16
85	MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4C +21.35 DURING THE 2010 FLARING ACTIVITY. <i>Astrophysical Journal</i> , 2014 , 786, 157	4.7	29
84	Inferred cosmic-ray spectrum from Fermi large area telescope γ observations of Earth's limb. <i>Physical Review Letters</i> , 2014 , 112, 151103	7.4	25
83	HIGH-ENERGY GAMMA-RAY EMISSION FROM SOLAR FLARES: SUMMARY OFFERMILARGE AREA TELESCOPE DETECTIONS AND ANALYSIS OF TWO M-CLASS FLARES. <i>Astrophysical Journal</i> , 2014 , 787, 15	4.7	81
82	DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. <i>Astrophysical Journal Letters</i> , 2014 , 785, L16	7.9	32
81	Novae. Fermi establishes classical novae as a distinct class of gamma-ray sources. <i>Science</i> , 2014 , 345, 554-8	33.3	106
80	A TIDAL DISRUPTION EVENT IN A NEARBY GALAXY HOSTING AN INTERMEDIATE MASS BLACK HOLE. <i>Astrophysical Journal</i> , 2014 , 781, 59	4.7	33
79	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
78	CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USINGFERMILARGE AREA TELESCOPE OBSERVATIONS. <i>Astrophysical Journal</i> , 2013 , 773, 77	4.7	70
77	Detection of the characteristic pion-decay signature in supernova remnants. <i>Science</i> , 2013 , 339, 807-11	33.3	475
76	DETERMINATION OF THE POINT-SPREAD FUNCTION FOR THEFERMILARGE 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
75	THE SECOND FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 208, 17	8	583
74	THE FIRST FERMI -LAT GAMMA-RAY BURST CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 209, 11	8	203
73	ASSOCIATING LONG-TERM γ VARIABILITY WITH THE SUPERORBITAL PERIOD OF LS I +61 β 03. <i>Astrophysical Journal Letters</i> , 2013 , 773, L35	7.9	34
72	THE FIRST FERMI -LAT CATALOG OF SOURCES ABOVE 10 GeV. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 209, 34	8	160
71	COMPACT BINARY PROGENITORS OF SHORT GAMMA-RAY BURSTS. <i>Astrophysical Journal Letters</i> , 2013 , 762, L18	7.9	65

70	Fermi and Swift Observations of Short GRBs. <i>EAS Publications Series</i> , 2013 , 61, 39-43	0.2	
69	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
68	Fermi GBM Capabilities for Multi-Messenger Time-Domain Astronomy. <i>EAS Publications Series</i> , 2013 , 61, 657-662	0.2	3
67	IDENTIFYING THE LOCATION IN THE HOST GALAXY OF THE SHORT GRB 111117A WITH THE CHANDRA SUBARCSECOND POSITION. <i>Astrophysical Journal</i> , 2013 , 766, 41	4.7	17
66	MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW. <i>Astrophysical Journal</i> , 2013 , 763, 71	4.7	64
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