

Diego F Torres

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.

589
papers

44,967
citations

111
h-index

191
g-index

616
ext. papers

49,068
ext. citations

6.3
avg, IF

6.29
L-index

#	Paper	IF	Citations
589	A gamma-ray pulsar timing array constrains the nanohertz gravitational wave background.. <i>Science</i> , 2022 , 376, eabm3231	33.3	1
588	The High-Energy Emission of Millisecond Pulsars. <i>Astrophysics and Space Science Library</i> , 2022 , 33-55	0.3	1
587	Gamma Rays from Fast Black-hole Winds. <i>Astrophysical Journal</i> , 2021 , 921, 144	4.7	3
586	Simultaneous X-ray and radio observations of the transitional millisecond pulsar candidate CXOU J110926.4B50224. <i>Astronomy and Astrophysics</i> , 2021 , 655, A52	5.1	1
585	Search for Very High-energy Emission from the Millisecond Pulsar PSR J0218+4232. <i>Astrophysical Journal</i> , 2021 , 922, 251	4.7	1
584	Probing the hadronic nature of the gamma-ray emission associated with Westerland 2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 2731-2740	4.3	0
583	Investigating the Nature of MGRO J1908+06 with Multiwavelength Observations. <i>Astrophysical Journal Letters</i> , 2021 , 913, L33	7.9	5
582	Optical and ultraviolet pulsed emission from an accreting millisecond pulsar. <i>Nature Astronomy</i> , 2021 , 5, 552-559	12.1	4
581	Back to Quiescence: Postoutburst Evolution of the Pulsar J1119B127 and Its Wind Nebula. <i>Astrophysical Journal</i> , 2021 , 917, 56	4.7	0
580	Fermi Large Area Telescope Performance after 10 Years of Operation. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 256, 12	8	5
579	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
578	Reverberation of pulsar wind nebulae (I): impact of the medium properties and other parameters upon the extent of the compression. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 2051-2062	4.3	6
577	Introducing the HD+B model for pulsar wind nebulae: a hybrid hydrodynamics/radiative approach. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 4357-4370	4.3	2
576	Spectral characterization of the non-thermal X-ray emission of gamma-ray pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 1025-1043	4.3	8
575	NuSTAR and Parkes observations of the transitional millisecond pulsar binary XSS J12270B859 in the rotation-powered state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 5607-5619	4.3	6
574	Fermi Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2020 , 247, 33	8	406
573	Hints of $\dot{\gamma}$ orbital variability from $\dot{\gamma}$ Velorum. <i>Astronomy and Astrophysics</i> , 2020 , 635, A141	5.1	2

572	Prospects for the characterization of the VHE emission from the Crab nebula and pulsar with the Cherenkov Telescope Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 708-718	4.3	4
571	The Crab nebula variability at short time-scales with the Cherenkov telescope array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 501, 337-346	4.3	
570	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
569	The X-Ray Outburst of the Galactic Center Magnetar over Six Years of Chandra Observations. <i>Astrophysical Journal</i> , 2020 , 894, 159	4.7	4
568	Exploring the superwind mechanism for generating ultrahigh-energy cosmic rays using large-scale modeling of starbursts. <i>Physical Review D</i> , 2020 , 102,	4.9	2
567	Gamma-ray heartbeat powered by the microquasar SS 433. <i>Nature Astronomy</i> , 2020 , 4, 1177-1184	12.1	5
566	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2020 , 892, 105	4.7	93
565	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
564	Towards observing reverberating and superefficient pulsar wind nebulae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 486, 1019-1033	4.3	4
563	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. <i>Astrophysical Journal</i> , 2019 , 878, 52	4.7	85
562	Prolonged sub-luminous state of the new transitional pulsar candidate CXOU J110926.4-50224. <i>Astronomy and Astrophysics</i> , 2019 , 622, A211	5.1	18
561	Discovery of TeV π -ray emission from the neighbourhood of the supernova remnant G24.7+0.6 by MAGIC. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 483, 4578-4585	4.3	4
560	Synchrocurvature modelling of the multifrequency non-thermal emission of pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 5494-5512	4.3	13
559	A novel approach for the analysis of the geometry involved in determining light curves of pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 1437-1450	4.3	2
558	A Search for Cosmic-Ray Proton Anisotropy with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2019 , 883, 33	4.7	2
557	Advances in Understanding High-Mass X-ray Binaries with INTEGRAL and Future Directions. <i>New Astronomy Reviews</i> , 2019 , 86, 101546	7.9	12
556	Probing X-ray emission in different modes of PSR J1023+0038 with a radio pulsar scenario. <i>Astronomy and Astrophysics</i> , 2019 , 629, L8	5.1	7
555	Bright Gamma-Ray Flares Observed in GRB 131108A. <i>Astrophysical Journal Letters</i> , 2019 , 886, L33	7.9	3

554	Observatory science with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019 , 62, 1	3.6	31
553	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. <i>Science Advances</i> , 2018 , 4, eaao72283	13	13
552	Order parameters for the high-energy spectra of pulsars. <i>Nature Astronomy</i> , 2018 , 2, 247-256	12.1	25
551	Constraints on particle acceleration in SS433/W50 from MAGIC and H.E.S.S. observations. <i>Astronomy and Astrophysics</i> , 2018 , 612, A14	5.1	14
550	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
549	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018 , 361,	33.3	407
548	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
547	The First Continuous Optical Monitoring of the Transitional Millisecond Pulsar PSR J1023+0038 with Kepler. <i>Astrophysical Journal Letters</i> , 2018 , 858, L12	7.9	12
546	Observing and Modeling the Gamma-Ray Emission from Pulsar/Pulsar Wind Nebula Complex PSR J0205+6449/3C 58. <i>Astrophysical Journal</i> , 2018 , 858, 84	4.7	11
545	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
544	Theoretically Motivated Search and Detection of Non-thermal Pulsations from PSRs J1747-2958, J2021+3651, and J1826-1256. <i>Astrophysical Journal Letters</i> , 2018 , 868, L29	7.9	7
543	Ultrahigh-energy cosmic ray composition from the distribution of arrival directions. <i>Physical Review D</i> , 2018 , 98,	4.9	4
542	Unresolved Gamma-Ray Sky through its Angular Power Spectrum. <i>Physical Review Letters</i> , 2018 , 121, 241101	7.4	11
541	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
540	Photo-disintegration of He4 on the cosmic microwave background is less severe than earlier thought. <i>Physical Review D</i> , 2018 , 98,	4.9	8
539	Simultaneous broadband observations and high-resolution X-ray spectroscopy of the transitional millisecond pulsar PSR J1023+0038. <i>Astronomy and Astrophysics</i> , 2018 , 611, A14	5.1	12
538	Observations of one young and three middle-aged γ pulsars with the Gran Telescopio Canarias. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 332-341	4.3	3
537	VHE observations of binary systems performed with the MAGIC telescopes. <i>International Journal of Modern Physics D</i> , 2018 , 27, 1844010	2.2	1

536	Fermi-LAT Observations of LIGO/Virgo Event GW170817. <i>Astrophysical Journal</i> , 2018 , 861, 85	4.7	21
535	Investigating the Nature of Late-Time High-Energy GRB Emission Through Joint Observations.. <i>Astrophysical Journal</i> , 2018 , 863,	4.7	11
534	Discovery and Characterization of Superefficiency in Pulsar Wind Nebulae. <i>Astrophysical Journal Letters</i> , 2018 , 864, L2	7.9	8
533	Fermi-LAT Observations of High-energy Behind-the-limb Solar Flares. <i>Astrophysical Journal</i> , 2017 , 835, 219	4.7	44
532	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
531	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
530	Dust Radiative Transfer Modeling of the Infrared Ring around the Magnetar SGR 1900+14. <i>Astrophysical Journal</i> , 2017 , 837, 9	4.7	1
529	Gamma-Ray Blazars within the First 2 Billion Years. <i>Astrophysical Journal Letters</i> , 2017 , 837, L5	7.9	33
528	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
527	TheFermiGalactic Center GeV Excess and Implications for Dark Matter. <i>Astrophysical Journal</i> , 2017 , 840, 43	4.7	157
526	Prospects for Cherenkov Telescope Array Observations of the Young Supernova Remnant RX J1713.7B946. <i>Astrophysical Journal</i> , 2017 , 840, 74	4.7	12
525	GAMMA-RAY UPPER LIMITS ON MAGNETARS WITH SIX YEARS OF FERMI-LAT OBSERVATIONS. <i>Astrophysical Journal</i> , 2017 , 835, 30	4.7	19
524	Observations of Sagittarius A* during the pericenter passage of the G2 object with MAGIC. <i>Astronomy and Astrophysics</i> , 2017 , 601, A33	5.1	12
523	A ROTATIONALLY POWERED MAGNETAR NEBULA AROUND SWIFT J1834.90846. <i>Astrophysical Journal</i> , 2017 , 835, 54	4.7	15
522	A SEARCH FOR SPECTRAL HYSTERESIS AND ENERGY-DEPENDENT TIME LAGS FROM X-RAY AND TeV GAMMA-RAY OBSERVATIONS OF Mrk 421. <i>Astrophysical Journal</i> , 2017 , 834, 2	4.7	16
521	The puzzling case of the accreting millisecond X-ray pulsar IGR J00291+5934: flaring optical emission during quiescence. <i>Astronomy and Astrophysics</i> , 2017 , 600, A109	5.1	2
520	3FHL: The Third Catalog of Hard Fermi -LAT Sources. <i>Astrophysical Journal, Supplement Series</i> , 2017 , 232, 18	8	170
519	Magnetar nebulae can be rotationally powered. <i>Proceedings of the International Astronomical Union</i> , 2017 , 13, 255-258	0.1	

518	Fermi Observations of the LIGO Event GW170104. <i>Astrophysical Journal Letters</i> , 2017 , 846, L5	7.9	11
517	Observation of the black widow B1957+20 millisecond pulsar binary system with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 470, 4608-4617	4.3	3
516	MAGIC observations of the microquasar V404 Cygni during the 2015 outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 471, 1688-1693	4.3	4
515	The Second Catalog of Flaring Gamma-Ray Sources from the Fermi All-sky Variability Analysis. <i>Astrophysical Journal</i> , 2017 , 846, 34	4.7	42
514	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
513	First multi-wavelength campaign on the gamma-ray-loud active galaxy IC 310. <i>Astronomy and Astrophysics</i> , 2017 , 603, A25	5.1	17
512	GeV Detection of HESS J0632+057. <i>Astrophysical Journal</i> , 2017 , 846, 169	4.7	19
511	Constraining Lorentz Invariance Violation Using the Crab Pulsar Emission Observed up to TeV Energies by MAGIC. <i>Astrophysical Journal, Supplement Series</i> , 2017 , 232, 9	8	18
510	XMM-Newton and INTEGRAL view of the hard state of EXO 1745-048 during its 2015 outburst. <i>Astronomy and Astrophysics</i> , 2017 , 603, A39	5.1	8
509	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
508	Performance of the MAGIC telescopes under moonlight. <i>Astroparticle Physics</i> , 2017 , 94, 29-41	2.4	29
507	Very-high-energy gamma-ray observations of the Type Ia Supernova SN 2014J with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2017 , 602, A98	5.1	1
506	MAGIC detection of very high energy γ -ray emission from the low-luminosity blazar 1ES 1741+196. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 1534-1541	4.3	6
505	Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009. <i>Astronomy and Astrophysics</i> , 2017 , 603, A31	5.1	36
504	Gamma-ray blazar spectra with H.E.S.S. II mono analysis: The case of PKS 2155-004 and PG 1553+113. <i>Astronomy and Astrophysics</i> , 2017 , 600, A89	5.1	22
503	Multiwavelength observations of a VHE gamma-ray flare from PKS 1510-089 in 2015. <i>Astronomy and Astrophysics</i> , 2017 , 603, A29	5.1	25
502	A Search for Transitions between States in Redbacks and Black Widows Using Seven Years of Fermi-LAT Observations. <i>Astrophysical Journal</i> , 2017 , 836, 68	4.7	26
501	Chandra monitoring of the Galactic Centre magnetar SGR 1745-0900 during the initial 3.5 years of outburst decay. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 471, 1819-1829	4.3	23

500	A cut-off in the TeV gamma-ray spectrum of the SNR Cassiopeia A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 472, 2956-2962	4.3	40
499	Multiband study of RX J0838.8-2759 and XMM J083850.4-2759: a new asynchronous magnetic cataclysmic variable and a candidate transitional millisecond pulsar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 471, 2902-2916	4.3	15
498	The major upgrade of the MAGIC telescopes, Part II: A performance study using observations of the Crab Nebula. <i>Astroparticle Physics</i> , 2016 , 72, 76-94	2.4	199
497	The major upgrade of the MAGIC telescopes, Part I: The hardware improvements and the commissioning of the system. <i>Astroparticle Physics</i> , 2016 , 72, 61-75	2.4	101
496	GAMMA-RAY EMISSION FROM PSR J0007+7303 USING SEVEN YEARS OF FERMI LARGE AREA TELESCOPE OBSERVATIONS. <i>Astrophysical Journal</i> , 2016 , 831, 19	4.7	7
495	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 826, L13	7.9	183
494	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
493	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
492	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
491	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
490	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
489	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
488	Observations of three young γ -ray pulsars with the Gran Telescopio Canarias. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 461, 4317-4328	4.3	12
487	The LOFT mission concept: a status update 2016 ,		7
486	MULTIWAVELENGTH STUDY OF QUIESCENT STATES OF Mrk 421 WITH UNPRECEDENTED HARD X-RAY COVERAGE PROVIDED BY NuSTAR IN 2013. <i>Astrophysical Journal</i> , 2016 , 819, 156	4.7	63
485	SAX J1808.4-6558, an accreting millisecond pulsar shining in gamma rays?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 456, 2647-2653	4.3	11
484	Multiwavelength study of RX J2015.6+3711: a magnetic cataclysmic variable with a 2-h spin period. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 456, 1913-1923	4.3	6
483	Molecular environment, reverberation, and radiation from the pulsar wind nebula in CTA 1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 459, 3868-3879	4.3	21

482	Investigating the peculiar emission from the new VHE gamma-ray source H1722+119. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 459, 3271-3281	4.3	20
481	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
480	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
479	DEEP MORPHOLOGICAL AND SPECTRAL STUDY OF THE SNR RCW 86 WITHFERMI-LAT. <i>Astrophysical Journal</i> , 2016 , 819, 98	4.7	22
478	CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. <i>Astrophysical Journal</i> , 2016 , 820, 72	4.7	2
477	Limits to dark matter annihilation cross-section from a combined analysis of MAGIC and Fermi-LAT observations of dwarf satellite galaxies. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016 , 2016, 039-049	6.4	145
476	2FHL: THE SECOND CATALOG OF HARD FERMI -LAT SOURCES. <i>Astrophysical Journal, Supplement Series</i> , 2016 , 222, 5	8	189
475	FERMI-LAT OBSERVATIONS OF HIGH-ENERGY γ -RAY EMISSION TOWARD THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2016 , 819, 44	4.7	230
474	A physical scenario for the high and low X-ray luminosity states in the transitional pulsar PSR J1023+0038. <i>Astronomy and Astrophysics</i> , 2016 , 594, A31	5.1	27
473	Teraelectronvolt pulsed emission from the Crab Pulsar detected by MAGIC. <i>Astronomy and Astrophysics</i> , 2016 , 585, A133	5.1	64
472	The 2015 outburst of the accreting millisecond pulsar IGR J17511B057 as seen by INTEGRAL,Swift, andXMM-Newton. <i>Astronomy and Astrophysics</i> , 2016 , 596, A71	5.1	5
471	Very high-energy gamma-ray follow-up program using neutrino triggers from IceCube. <i>Journal of Instrumentation</i> , 2016 , 11, P11009-P11009	1	15
470	SEARCH FOR GAMMA-RAY EMISSION FROM AE AQUARIII WITH SEVEN YEARS OF FERMI LAT OBSERVATIONS. <i>Astrophysical Journal</i> , 2016 , 832, 35	4.7	2
469	Deep observation of the NGC 1275 region with MAGIC: search of diffuse γ ay emission from cosmic rays in the Perseus cluster. <i>Astronomy and Astrophysics</i> , 2016 , 589, A33	5.1	29
468	Super-orbital variability of LS I +61B03 at TeV energies. <i>Astronomy and Astrophysics</i> , 2016 , 591, A76	5.1	15
467	Search for VHE gamma-ray emission from Geminga pulsar and nebula with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2016 , 591, A138	5.1	18
466	MAGIC observations of the February 2014 flare of 1ES 1011+496 and ensuing constraint of the EBL density. <i>Astronomy and Astrophysics</i> , 2016 , 590, A24	5.1	34
465	Long-term multi-wavelength variability and correlation study of Markarian 421 from 2007 to 2009. <i>Astronomy and Astrophysics</i> , 2016 , 593, A91	5.1	27

464	Detection of very high energy gamma-ray emission from the gravitationally lensed blazar QSO B0218+357 with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2016 , 595, A98	5.1	38
463	Insights into the emission of the blazar 1ES 1011+496 through unprecedented broadband observations during 2011 and 2012. <i>Astronomy and Astrophysics</i> , 2016 , 591, A10	5.1	8
462	THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2016 , 224, 8	8	148
461	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
460	FERMI -LAT OBSERVATIONS OF THE LIGO EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 823, L2	7.9	42
459	FERMILAT STACKING ANALYSIS OF SWIFT LOCALIZED GRBs. <i>Astrophysical Journal</i> , 2016 , 822, 68	4.7	4
458	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100 MeV AND 820 GeV. <i>Astrophysical Journal</i> , 2015 , 799, 86	4.7	421
457	FERMI LARGE AREA TELESCOPE THIRD SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2015 , 218, 23	8	1100
456	Discovery of very high energy γ ray emission from the blazar 1ES 0033+595 by the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 446, 217-225	4.3	9
455	X-ray coherent pulsations during a sub-luminous accretion disc state of the transitional millisecond pulsar XSS J12270-859. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015 , 449, L26-L30	4.3	75
454	Evidence for the charge-excess contribution in air shower radio emission observed by the CODALEMA experiment. <i>Astroparticle Physics</i> , 2015 , 69, 50-60	2.4	24
453	Modelling of the γ ray pulsed spectra of Geminga, Crab, and Vela with synchro-curvature radiation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 449, 3755-3765	4.3	16
452	Compact formulae, dynamics and radiation of charged particles under synchro-curvature losses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 447, 1164-1172	4.3	20
451	An assessment of the pulsar outer gap model I. Assumptions, uncertainties, and implications on the gap size and the accelerating field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 447, 2631-2648 ¹⁴	4.3	14
450	An assessment of the pulsar outer gap model II. Implications for the predicted γ ray spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 447, 2649-2657	4.3	12
449	DIAGNOSING THE BURST INFLUENCE ON ACCRETION IN THE CLOCKED BURSTER GS 1826-238. <i>Astrophysical Journal</i> , 2015 , 806, 89	4.7	15
448	A PROPELLER MODEL FOR THE SUB-LUMINOUS STATE OF THE TRANSITIONAL MILLISECOND PULSAR PSR J1023+0038. <i>Astrophysical Journal</i> , 2015 , 807, 33	4.7	60
447	SEARCH FOR EARLY GAMMA-RAY PRODUCTION IN SUPERNOVAE LOCATED IN A DENSE CIRCUMSTELLAR MEDIUM WITH THE FERMI LAT. <i>Astrophysical Journal</i> , 2015 , 807, 169	4.7	23

446	Measurement of the Crab Nebula spectrum over three decades in energy with the MAGIC telescopes. <i>Journal of High Energy Astrophysics</i> , 2015 , 5-6, 30-38	2.5	45
445	Probing the very high energy γ spectral curvature in the blazar PG 1553+113 with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 450, 4399-4410	4.3	18
444	MAGIC detection of short-term variability of the high-peaked BL Lac object 1ES 0806+524. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 451, 739-750	4.3	14
443	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
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