

Giancarlo Ghirlanda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/419713/publications.pdf>

Version: 2024-02-01

186
papers

10,403
citations

28190

55
h-index

38300

95
g-index

188
all docs

188
docs citations

188
times ranked

5824
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic identification of r-process nucleosynthesis in a double neutron-star merger. <i>Nature</i> , 2017, 551, 67-70.	13.7	715
2	The Collimation-corrected Gamma-Ray Burst Energies Correlate with the Peak Energy of Their $\hat{\Gamma}$ -Spectrum. <i>Astrophysical Journal</i> , 2004, 616, 331-338.	1.6	509
3	General physical properties of bright Fermi blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 497-518.	1.6	448
4	SN 2003lw and GRB 031203: A Bright Supernova for a Faint Gamma-Ray Burst. <i>Astrophysical Journal</i> , 2004, 609, L5-L8.	1.6	320
5	Compact radio emission indicates a structured jet was produced by a binary neutron star merger. <i>Science</i> , 2019, 363, 968-971.	6.0	272
6	The transition between BL Lac objects and flat spectrum radio quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 2674-2689.	1.6	262
7	GeV emission from gamma-ray bursts: a radiative fireball?. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 403, 926-937.	1.6	203
8	A COMPLETE SAMPLE OF BRIGHT SWIFT LONG GAMMA-RAY BURSTS. I. SAMPLE PRESENTATION, LUMINOSITY FUNCTION AND EVOLUTION. <i>Astrophysical Journal</i> , 2012, 749, 68.	1.6	198
9	The intergalactic magnetic field constrained by Fermi/Large Area Telescope observations of the TeV blazar 1ES 0229+200. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 406, L70-L74.	1.2	197
10	Gamma-Ray Bursts: New Rulers to Measure the Universe. <i>Astrophysical Journal</i> , 2004, 613, L13-L16.	1.6	181
11	Science with e-ASTROGAM. <i>Journal of High Energy Astrophysics</i> , 2018, 19, 1-106.	2.4	177
12	TeV BL Lac objects at the dawn of the Fermi era. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 1570-1586.	1.6	174
13	Constraining the location of the emitting region in Fermi blazars through rapid $\hat{\Gamma}$ -ray variability. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 405, L94-L98.	1.2	158
14	The evolution of the X-ray afterglow emission of GW 170817/ GRB 170817A in XMM-Newton observations. <i>Astronomy and Astrophysics</i> , 2018, 613, L1.	2.1	150
15	Spectral properties of 438 GRBs detected by Fermi/GBM. <i>Astronomy and Astrophysics</i> , 2011, 530, A21.	2.1	140
16	Gamma-ray bursts as standard candles to constrain the cosmological parameters. <i>New Journal of Physics</i> , 2006, 8, 123-123.	1.2	134
17	Extremely hard GRB spectra prune down the forest of emission models. <i>Astronomy and Astrophysics</i> , 2003, 406, 879-892.	2.1	133
18	The THESEUS space mission concept: science case, design and expected performances. <i>Advances in Space Research</i> , 2018, 62, 191-244.	1.2	133

#	ARTICLE	IF	CITATIONS
19	Gamma-ray bursts in the comoving frame. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 483-494.	1.6	131
20	Short versus long gamma-ray bursts: spectra, energetics, and luminosities. <i>Astronomy and Astrophysics</i> , 2009, 496, 585-595.	2.1	126
21	A complete sample of bright <i>Swift</i> long gamma-ray bursts: testing the spectral-energy correlations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 1256-1264.	1.6	123
22	Jet and accretion power in the most powerful <i>Fermi</i> blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 2041-2054.	1.6	112
23	The $\hat{\gamma}$ -ray brightest days of the blazar 3C 454.3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 368-380.	1.6	112
24	"Late Prompt" Emission in Gamma-Ray Bursts?. <i>Astrophysical Journal</i> , 2007, 658, L75-L78.	1.6	108
25	Spectral-luminosity relation within individual <i>Fermi</i> gamma rays bursts. <i>Astronomy and Astrophysics</i> , 2010, 511, A43.	2.1	105
26	GRB 130427A: A Nearby Ordinary Monster. <i>Science</i> , 2014, 343, 48-51.	6.0	105
27	Discovery of a tight correlation among the prompt emission properties of long gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 370, 185-197.	1.6	103
28	The $E_{\text{peak}}-E_{\text{iso}}$ plane of long gamma-ray bursts and selection effects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 387, 319-330.	1.6	98
29	A complete sample of bright <i>Swift</i> short gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 2342-2356.	1.6	98
30	Short gamma-ray bursts at the dawn of the gravitational wave era. <i>Astronomy and Astrophysics</i> , 2016, 594, A84.	2.1	96
31	A unifying view of gamma-ray burst afterglows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 393, 253-271.	1.6	92
32	Confirming the $\hat{\gamma}$ -ray burst spectral-energy correlations in the era of multiple time breaks. <i>Astronomy and Astrophysics</i> , 2007, 466, 127-136.	2.1	87
33	Dust extinctions for an unbiased sample of gamma-ray burst afterglows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 1231-1244.	1.6	86
34	The spectra of short gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2004, 422, L55-L58.	2.1	84
35	The onset of the $\hat{\gamma}$ -ray afterglow of GRB 090510. <i>Astronomy and Astrophysics</i> , 2010, 510, L7.	2.1	80
36	Bulk Lorentz factors of gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2018, 609, A112.	2.1	76

#	ARTICLE	IF	CITATIONS
37	Afterglow emission in gamma-ray bursts in a pair-enriched ambient medium and radiative blast waves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 2107-2121.	1.6	71
38	Observational constraints on the optical and near-infrared emission from the neutron star-black hole binary merger candidate S190814bv. <i>Astronomy and Astrophysics</i> , 2020, 643, A113.	2.1	70
39	Peak energy of the prompt emission of long gamma-ray bursts versus their fluence and peak flux. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 391, 639-652.	1.6	67
40	Precursors in <i>Swift</i> Gamma Ray Bursts with Redshift. <i>Astrophysical Journal</i> , 2008, 685, L19-L22.	1.6	66
41	A new method optimized to use gamma-ray bursts as cosmic rulers. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2005, 360, L1-L5.	1.2	65
42	Probing the existence of the Epeak-Eiso correlation in long gamma ray bursts. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2005, 361, L10-L14.	1.2	64
43	Clustering of the optical-afterglow luminosities of long gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2006, 451, 821-833.	2.1	64
44	Detection of Low-energy Breaks in Gamma-Ray Burst Prompt Emission Spectra. <i>Astrophysical Journal</i> , 2017, 846, 137.	1.6	63
45	Prompt optical emission as a signature of synchrotron radiation in gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2019, 628, A59.	2.1	63
46	The hard TeV spectrum of 1ES 0229+200: new clues from <i>Swift</i> . <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 399, L59-L63.	1.2	62
47	The peak luminosity-peak energy correlation in gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2005, 360, L45-L49.	1.2	61
48	Chasing the heaviest black holes of jetted active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , .	1.6	61
49	The rate and luminosity function of long gamma ray bursts. <i>Astronomy and Astrophysics</i> , 2016, 587, A40.	2.1	61
50	Time resolved spectral analysis of bright gamma ray bursts. <i>Astronomy and Astrophysics</i> , 2002, 393, 409-423.	2.1	61
51	Light-curve models of black hole-neutron star mergers: steps towards a multi-messenger parameter estimation. <i>Astronomy and Astrophysics</i> , 2019, 625, A152.	2.1	60
52	Are GRB 980425 and GRB 031203 real outliers or twins of GRB 060218?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 372, 1699-1709.	1.6	59
53	The radio- γ -ray connection in Fermi blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 852-862.	1.6	59
54	Structure of gamma-ray burst jets: intrinsic versus apparent properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 3549-3558.	1.6	57

#	ARTICLE	IF	CITATIONS
55	Are long gamma-ray bursts biased tracers of star formation? Clues from the host galaxies of the <i>Swift</i> /BAT6 complete sample of bright LGRBs. <i>Astronomy and Astrophysics</i> , 2016, 590, A129.	2.1	57
56	The faster the narrower: characteristic bulk velocities and jet opening angles of gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 1410-1423.	1.6	56
57	THESEUS: A key space mission concept for Multi-Messenger Astrophysics. <i>Advances in Space Research</i> , 2018, 62, 662-682.	1.2	56
58	Correlation of Fermi Large Area Telescope sources with the 20-GHz Australia Telescope Compact Array radio survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 407, 791-803.	1.6	55
59	A complete sample of bright <i>Swift</i> Gamma-ray bursts: X-ray afterglow luminosity and its correlation with the prompt emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 506-513.	1.6	55
60	Luminosity function and jet structure of Gamma-Ray Burst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 1911-1921.	1.6	55
61	The dark bursts population in a complete sample of bright <i>Swift</i> long gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 1265-1272.	1.6	53
62	Diversity of gamma-ray burst energetics vs. supernova homogeneity: SN 2013cq associated with GRB 130427A. <i>Astronomy and Astrophysics</i> , 2014, 567, A29.	2.1	53
63	Comparing the spectral lag of short and long gamma-ray bursts and its relation with the luminosity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 1129-1138.	1.6	53
64	On the interpretation of spectral-energy correlations in long gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2006, 450, 471-481.	2.1	53
65	High-redshift Fermi blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 901-914.	1.6	51
66	The unusual gamma-ray burst GRB 101225A explained as a minor body falling onto a neutron star. <i>Nature</i> , 2011, 480, 69-71.	13.7	51
67	Consistency with synchrotron emission in the bright GRB 160625B observed by <i>Fermi</i> . <i>Astronomy and Astrophysics</i> , 2018, 613, A16.	2.1	51
68	Evidence of two spectral breaks in the prompt emission of gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2019, 625, A60.	2.1	51
69	Soft gamma-ray repeater giant flares in the BATSE short gamma-ray burst catalogue: constraints from spectroscopy. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2005, 362, L8-L12.	1.2	49
70	Structured Jets and X-Ray Plateaus in Gamma-Ray Burst Phenomena. <i>Astrophysical Journal</i> , 2020, 893, 88.	1.6	48
71	Characterization of gamma-ray burst prompt emission spectra down to soft X-rays. <i>Astronomy and Astrophysics</i> , 2018, 616, A138.	2.1	47
72	On-axis view of GRB 170817A. <i>Astronomy and Astrophysics</i> , 2019, 628, A18.	2.1	47

#	ARTICLE	IF	CITATIONS
73	The Hubble diagram extended to $z \gg 1$: the gamma-ray properties of gamma-ray bursts confirm the Λ cold dark matter model. Monthly Notices of the Royal Astronomical Society: Letters, 2006, 372, L28-L32.	1.2	45
74	Ultra-high energy cosmic rays, spiral galaxies and magnetars. Monthly Notices of the Royal Astronomical Society: Letters, 2008, 390, L88-L92.	1.2	45
75	The optical SN α 2012bz associated with the long GRB α 120422A. Astronomy and Astrophysics, 2012, 547, A82.	1.2	45
76	Photospheric emission throughout GRB 100507 detected by Fermi. Monthly Notices of the Royal Astronomical Society, 2013, 432, 3237-3244.	1.6	45
77	Clustering of LAT light curves: a clue to the origin of high-energy emission in gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2014, 443, 3578-3585.	1.6	45
78	Time resolved spectral behavior of bright BATSE precursors. Astronomy and Astrophysics, 2009, 505, 569-575.	2.1	44
79	Light curves and spectra from off-axis gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3607-3619.	1.6	44
80	Did we observe the supernova shock breakout in GRB 060218?. Monthly Notices of the Royal Astronomical Society: Letters, 2007, 382, L77-L81.	1.2	43
81	The X-ray afterglow of GRB 030329. Astronomy and Astrophysics, 2003, 409, 983-987.	2.1	43
82	Evidence for anisotropy in the distribution of short-lived gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2003, 343, 255-258.	1.6	42
83	Fermi/GBM and BATSE gamma-ray bursts: comparison of the spectral properties. Monthly Notices of the Royal Astronomical Society, 2011, 415, 3153-3162.	1.6	41
84	GRB α 091127/SN α 2009nz and the VLT/X-shooter spectroscopy of its host galaxy: probing the faint end of the mass-metallicity relation. Astronomy and Astrophysics, 2011, 535, A127.	2.1	40
85	Blue Fermi flat spectrum radio quasars. Monthly Notices of the Royal Astronomical Society, 2012, 425, 1371-1379.	1.6	40
86	Blackbody components in gamma-ray bursts spectra?. Monthly Notices of the Royal Astronomical Society, 2007, 379, 73-85.	1.6	38
87	HOW TO SWITCH A GAMMA-RAY BURST ON AND OFF THROUGH A MAGNETAR. Astrophysical Journal, 2013, 775, 67.	1.6	38
88	Spectral analysis of Swift long gamma-ray bursts with known redshift. Monthly Notices of the Royal Astronomical Society, 2007, 382, 342-355.	1.6	37
89	Puzzled by GRB 060218. Monthly Notices of the Royal Astronomical Society: Letters, 2007, 375, L36-L40.	1.2	36
90	The blazar S5 0014+813: a real or apparent monster?. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 399, L24-L28.	1.2	35

#	ARTICLE	IF	CITATIONS
91	Unveiling the population of orphan γ -ray bursts. <i>Astronomy and Astrophysics</i> , 2015, 578, A71.	2.1	35
92	Protonâ€‘synchrotron as the radiation mechanism of the prompt emission of gamma-ray bursts?. <i>Astronomy and Astrophysics</i> , 2020, 636, A82.	2.1	35
93	Short and long gamma-ray bursts: same emission mechanism?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011, 418, L109-L113.	1.2	34
94	SDSS J102623.61+254259.5: the second most distant blazar at $z = 5.3$. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 426, L91-L95.	1.2	34
95	Electromagnetic counterparts of black holeâ€‘neutron star mergers: dependence on the neutron star properties. <i>European Physical Journal A</i> , 2020, 56, 1.	1.0	34
96	Spectral evolution of Fermi/GBM short gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011, 410, L47-L51.	1.2	33
97	Cosmological constraints with GRBs: homogeneous medium vs. wind density profile. <i>Astronomy and Astrophysics</i> , 2006, 452, 839-844.	2.1	32
98	The THESEUS space mission: science goals, requirements and mission concept. <i>Experimental Astronomy</i> , 2021, 52, 183-218.	1.6	32
99	Time-resolved spectral correlations of long-duration γ -ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 393, 1209-1218.	1.6	30
100	SDSS J114657.79+403708.6: the third most distant blazar at $z = 5.0$. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 440, L111-L115.	1.2	30
101	GRB Orphan Afterglows in Present and Future Radio Transient Surveys. <i>Publications of the Astronomical Society of Australia</i> , 2014, 31, .	1.3	30
102	GRB 190114C: from prompt to afterglow?. <i>Astronomy and Astrophysics</i> , 2019, 626, A12.	2.1	30
103	Radio afterglows of a complete sample of bright Swift GRBs: predictions from present days to the SKA era. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 2543-2551.	1.6	29
104	Accessing the population of high-redshift Gamma Ray Bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 2514-2524.	1.6	29
105	Late evolution of the X-ray afterglow of GRB 030329. <i>Astronomy and Astrophysics</i> , 2004, 423, 861-865.	2.1	28
106	Where and When: Optimal Scheduling of the Electromagnetic Follow-up of Gravitational-wave Events Based on Counterpart Light-curve Models. <i>Astrophysical Journal</i> , 2017, 846, 62.	1.6	28
107	High-latitude emission from the structured jet of γ -ray bursts observed off-axis. <i>Astronomy and Astrophysics</i> , 2020, 641, A61.	2.1	27
108	There is a short gamma-ray burst prompt phase at the beginning of each long one. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 403-416.	1.6	26

#	ARTICLE	IF	CITATIONS
109	The impact of selection biases on the correlation of gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 2553-2559.	1.6	25
110	Optical and X-ray rest-frame light curves of the BAT6 sample. <i>Astronomy and Astrophysics</i> , 2014, 565, A72.	2.1	25
111	Perspectives on Gamma-Ray Burst Physics and Cosmology with Next Generation Facilities. <i>Space Science Reviews</i> , 2016, 202, 235-277.	3.7	23
112	The high-redshift gamma-ray burst GRB 140515A. <i>Astronomy and Astrophysics</i> , 2015, 581, A86.	2.1	23
113	Does the gamma-ray flux of the blazar 3C 454.3 vary on subhour time-scales?. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 408, 448-451.	1.6	21
114	Target-of-opportunity Observations of Gravitational-wave Events with Vera C. Rubin Observatory. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 18.	3.0	21
115	Optical afterglow luminosities in the <i>Swift</i> epoch: confirming clustering and bimodality. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008, 386, L87-L91.	1.2	20
116	Testing a new view of gamma-ray burst afterglows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 403, 1131-1142.	1.6	20
117	The 999th <i>Swift</i> gamma-ray burst: Some like it thermal. <i>Astronomy and Astrophysics</i> , 2017, 598, A23.	2.1	20
118	Re-born fireballs in gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2007, 382, L72-L76.	1.2	19
119	EDGE: Explorer of diffuse emission and gamma-ray burst explosions. <i>Experimental Astronomy</i> , 2009, 23, 67-89.	1.6	19
120	Rise and fall of the high-energy afterglow emission of GRB 180720B. <i>Astronomy and Astrophysics</i> , 2020, 636, A55.	2.1	19
121	Multiwavelength View of the Close-by GRB 190829A Sheds Light on Gamma-Ray Burst Physics. <i>Astrophysical Journal Letters</i> , 2022, 931, L19.	3.0	19
122	The role of afterglow break-times as gamma-ray burst jet angle indicators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1464-1472.	1.6	18
123	Filling the Mass Gap: How Kilonova Observations Can Unveil the Nature of the Compact Object Merging with the Neutron Star. <i>Astrophysical Journal Letters</i> , 2019, 887, L35.	3.0	18
124	Limits on quantum gravity effects from <i>Swift</i> short gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2017, 607, A121.	2.1	17
125	Interpreting GRB170817A as a giant flare from a jet-less double neutron star merger. <i>Astronomy and Astrophysics</i> , 2018, 619, A18.	2.1	17
126	Gamma-ray bursts associated with supernovae: a systematic analysis of BATSE GRB candidates. <i>Astronomy and Astrophysics</i> , 2006, 447, 121-132.	2.1	17

#	ARTICLE	IF	CITATIONS
127	Jet-driven and jet-less fireballs from compact binary mergers. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 474, L7-L11.	1.2	16
128	Afterglows from precursors in gamma-ray bursts. Application to the optical afterglow of GRB 091024. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1625-1635.	1.6	15
129	Are short Gamma Ray Bursts similar to long ones?. Journal of High Energy Astrophysics, 2015, 7, 81-89.	2.4	14
130	A magnetar powering the ordinary monster GRB 130427A?. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 439, L80-L84.	1.2	13
131	High-redshift Fermi blazars observed by GROND and Swift. Monthly Notices of the Royal Astronomical Society, 2013, 428, 1449-1459.	1.6	12
132	Exploration of the high-redshift universe enabled by THESEUS. Experimental Astronomy, 2021, 52, 219-244.	1.6	12
133	Exploring the nature of ambiguous merging systems: GW190425 in low latency. Astronomy and Astrophysics, 2021, 654, A12.	2.1	12
134	Multi-messenger astrophysics with THESEUS in the 2030s. Experimental Astronomy, 2021, 52, 245-275.	1.6	12
135	On the correlation of short gamma-ray bursts and clusters of galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2006, 368, L20-L24.	1.2	11
136	The AT20G view of Swift/BAT selected AGN: high-frequency radio waves meet hard X-rays. Monthly Notices of the Royal Astronomical Society, 2013, 431, 2471-2480.	1.6	11
137	GRB 990413: insight into the thermal phase evolution. Monthly Notices of the Royal Astronomical Society: Letters, 2006, 370, L33-L37.	1.2	10
138	The best place and time to live in the Milky Way. Astronomy and Astrophysics, 2021, 647, A41.	2.1	10
139	The slope of the low-energy spectrum of prompt gamma-ray burst emission. Astronomy and Astrophysics, 2021, 652, A123.	2.1	10
140	The Cosmic History of Long Gamma-Ray Bursts. Astrophysical Journal, 2022, 932, 10.	1.6	10
141	Effective absorbing column density in the gamma-ray burst afterglow X-ray spectra. Monthly Notices of the Royal Astronomical Society, 2014, 441, 3634-3639.	1.6	9
142	A <i>NuSTAR</i> view of powerful γ -ray loud blazars. Astronomy and Astrophysics, 2019, 627, A72.	2.1	9
143	Gamma ray burst studies with THESEUS. Experimental Astronomy, 2021, 52, 277-308.	1.6	9
144	The Gamow Explorer: a Gamma-Ray Burst Observatory to study the high redshift universe and enable multi-messenger astrophysics. , 2021, , .		9

#	ARTICLE	IF	CITATIONS
145	The obscured hyper-energetic GRB α %120624B hosted by a luminous compact galaxy at $z = 2.20$. <i>Astronomy and Astrophysics</i> , 2013, 557, L18.	2.1	9
146	Properties of High-redshift Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2022, 929, 111.	1.6	9
147	Optical afterglows of gamma-ray bursts: a bimodal distribution?. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 383, 1049-1057.	1.6	8
148	Advances on GRB as cosmological tools. , 2009, , .		8
149	A search for radio afterglows from gamma-ray bursts with the Australian Square Kilometre Array Pathfinder. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 1847-1863.	1.6	8
150	Synergies of THESEUS with the large facilities of the 2030s and guest observer opportunities. <i>Experimental Astronomy</i> , 2021, 52, 407-437.	1.6	8
151	Gamma-ray bursts spectral correlations and their cosmological use. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2007, 365, 1385-1394.	1.6	7
152	Gamma-ray bursts from massive Population-III stars: clues from the radio band. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3356-3362.	1.6	7
153	ORIGIN: metal creation and evolution from the cosmic dawn. <i>Experimental Astronomy</i> , 2012, 34, 519-549.	1.6	6
154	Searching for narrow absorption and emission lines in <i>XMM-Newton</i> spectra of gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2016, 592, A85.	2.1	6
155	East Asia VLBI Network observations of the TeV Gamma-Ray Burst 190114C. <i>Science Bulletin</i> , 2020, 65, 267-271.	4.3	6
156	Spectral index-flux relation for investigating the origins of steep decay in $\hat{\Gamma}^3$ -ray bursts. <i>Nature Communications</i> , 2021, 12, 4040.	5.8	6
157	EDGE: explorer of diffuse emission and gamma-ray burst explosions. , 2007, , .		5
158	A deep study of the high-energy transient sky. <i>Experimental Astronomy</i> , 2021, 51, 1203-1223.	1.6	5
159	Compton tails in long-duration gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 350, L5-L8.	1.6	4
160	X-ray absorbing column densities of a complete sample of short gamma ray bursts. <i>Astronomy and Astrophysics</i> , 2019, 625, A6.	2.1	4
161	Colour variations in the GRB α %120327A afterglow. <i>Astronomy and Astrophysics</i> , 2017, 607, A29.	2.1	4
162	SuperAGILE: The Hard X-ray Imager of AGILE. <i>AIP Conference Proceedings</i> , 2004, , .	0.3	3

#	ARTICLE	IF	CITATIONS
163	AGILE Sensitivity and GRB Spectral Properties. AIP Conference Proceedings, 2004, , .	0.3	3
164	From the earliest pulses to the latest flares in long gamma-ray bursts. Astronomy and Astrophysics, 2018, 615, A80.	2.1	3
165	Time resolved GRB spectroscopy. AIP Conference Proceedings, 2000, , .	0.3	2
166	Selection effects on GRB spectral-energy correlations. , 2009, , .		2
167	Gamma ray bursts: Short vs. long. Advances in Space Research, 2011, 47, 1332-1336.	1.2	2
168	Scientific simulations and optimization of the XGIS instrument on board THESEUS. , 2020, , .		2
169	The X-ray Afterglow of GRB030329 at Early and Late Times. AIP Conference Proceedings, 2004, , .	0.3	1
170	Gamma Ray Bursts as Cosmological Tools. AIP Conference Proceedings, 2005, , .	0.3	1
171	Long Gamma-Ray Bursts as standard candles. AIP Conference Proceedings, 2006, , .	0.3	1
172	XIAO: a soft x-ray telescope for the SVOM mission. , 2008, , .		1
173	A complete sample of long bright Swift gamma ray bursts. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20120235.	1.6	1
174	Perspectives on Gamma-Ray Burst Physics and Cosmology with Next Generation Facilities. Space Sciences Series of ISSI, 2016, , 237-279.	0.0	1
175	Spectral Analysis of Bright Gamma-Ray Bursts. AIP Conference Proceedings, 2003, , .	0.3	0
176	Short-Bright GRBs: Spectral Properties. AIP Conference Proceedings, 2004, , .	0.3	0
177	Firework Model: Time Dependent Spectral Evolution of GRB. AIP Conference Proceedings, 2004, , .	0.3	0
178	On the selection effects of the $E_{\text{peak}} \propto E_{\text{iso}}$ correlation. AIP Conference Proceedings, 2008, , .	0.3	0
179	GRB spectral-energy correlations: perspectives and issues. , 2008, , .		0
180	Relativistic jets in Narrow-Line Seyfert 1. Proceedings of the International Astronomical Union, 2010, 6, 176-177.	0.0	0

#	ARTICLE	IF	CITATIONS
181	Gamma Ray Bursts Spectral Energy correlations: recent results. Proceedings of the International Astronomical Union, 2010, 6, 344-348.	0.0	0
182	Hard X-ray properties of Gamma Ray Bursts in the cosmological context. , 2010, , .		0
183	Testing an unifying view of Gamma Ray Burst afterglows. Advances in Space Research, 2011, 47, 1407-1412.	1.2	0
184	A Complete Sample of Long Bright <i>Swift</i> GRBs. EAS Publications Series, 2013, 61, 229-233.	0.3	0
185	GRB: A LUMINOUS CANDLE?. , 2005, , .		0
186	GRB 060218 and the outliers with respect to the $E_p \propto E_{iso}$ correlation. , 2007, , .		0