Zsolt Bagoly

List of Publications by Year
in descending order

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45 papers	833 citations	430874 18 h-index	477307 29 g-index
45 all docs	45 docs citations	45 times ranked	1137 citing authors

#	Article	IF	Citations
1	A new definition of the intermediate group of gamma-ray bursts. Astronomy and Astrophysics, 2006, 447, 23-30.	5.1	75
2	DETAILED CLASSIFICATION OFSWIFT'S GAMMA-RAY BURSTS. Astrophysical Journal, 2010, 713, 552-557.	4.5	68
3	Classification of Swift's gamma-ray bursts. Astronomy and Astrophysics, 2008, 489, L1-L4.	5.1	60
4	A Remarkable Angular Distribution of the Intermediate Subclass of Gammaâ€Ray Bursts. Astrophysical Journal, 2000, 539, 98-101.	4.5	49
5	A DISTINCT PEAK-FLUX DISTRIBUTION OF THE THIRD CLASS OF GAMMA-RAY BURSTS: A POSSIBLE SIGNATURE OF X-RAY FLASHES?. Astrophysical Journal, 2010, 725, 1955-1964.	4.5	44
6	A giant ring-like structure at 0.78Â<Â<i>z</i>Â<Â0.86 displayed by GRBs. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2236-2246.	4.4	44
7	On the difference between the short and long gamma-ray bursts. Astronomy and Astrophysics, 2003, 401, 129-140.	5.1	44
8	Possible structure in the GRB sky distribution at redshift two. Astronomy and Astrophysics, 2014, 561, L12.	5.1	42
9	New data support the existence of the Hercules-Corona Borealis Great Wall. Astronomy and Astrophysics, 2015, 584, A48.	5.1	40
10	SRC-dependent outside-in signalling is a key step in the process of autoregulation of beta2 integrins in polymorphonuclear cells. Biochemical Journal, 2004, 380, 57-65.	3.7	38
11	Testing the randomness in the sky-distribution of gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1741-1748.	4.4	38
12	Gamma-ray burst investigation via polarimetry and spectroscopy (GRIPS). Experimental Astronomy, 2009, 23, 91-120.	3.7	32
13	Searching for differences inSwiftâ€™s intermediate GRBs. Astronomy and Astrophysics, 2011, 525, A109.	5.1	31
14	The Swift satellite and redshifts of long gamma-ray bursts. Astronomy and Astrophysics, 2006, 453, 797-800.	5.1	29
15	A Principal Component Analysis of the 3B Gammaâ€Ray Burst Data. Astrophysical Journal, 1998, 498, 342-348.	4.5	27
16	Down-regulation of activated factor XIII by polymorphonuclear granulocyte proteases within fibrin clot. Thrombosis and Haemostasis, 2007, 98, 359-367.	3.4	26
17	Classifying GRB 170817A/GW170817 in a Fermi durationâ€“hardness plane. Astrophysics and Space Science, 2018, 363, 1.	1.4	19
18	Gamma photometric redshifts for long gamma-ray bursts. Astronomy and Astrophysics, 2003, 398, 919-925.	5.1	19

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19	Interpretations of gamma-ray burst spectroscopy. Astronomy and Astrophysics, 2005, 432, 105-116.	5.1	16
20	Searching for electromagnetic counterpart of LIGO gravitational waves in theFermiGBM data with ADWO. Astronomy and Astrophysics, 2016, 593, L10.	5.1	15
21	Redshift distribution of gamma-ray bursts and star formation rate. Astronomy and Astrophysics, 2006, 455, 785-790.	5.1	12
22	Direction dependent background fitting for theFermiGBM data. Astronomy and Astrophysics, 2013, 557, A8.	5.1	9
23	A possible interrelation between the estimated luminosity distances and internal extinctions of type Ia supernovae. Astronomische Nachrichten, 2006, 327, 917-924.	1.2	8
24	Energy resolution and the linearity of the CMS forward quartz fibre calorimeter pre-production-prototype (PPP-I). Journal of Physics G: Nuclear and Particle Physics, 2004, 30, N33-N44.	3.6	7
25	Cosmological constraints on the clustering of X-ray background sources. Astrophysical Journal, 1988, 333, 54.	4.5	7
26	Factor analysis of the long gamma-ray bursts. Astronomy and Astrophysics, 2009, 493, 51-54.	5.1	6
27	Statistical properties of Fermi GBM GRBsâ€™ spectra. Monthly Notices of the Royal Astronomical Society, 2018, 475, 306-320.	4.4	6
28	6A.1 Fibrin formation disorders and pregnancy loss. Thrombosis Research, 2007, 119, S69-S70.	1.7	4
29	Searching for Galactic sources in theSwiftGRB catalog. Astronomy and Astrophysics, 2012, 548, L7.	5.1	3
30	Does the GRB Duration Depend on Redshift?. Universe, 2022, 8, 221.	2.5	3
31	Transient detection capabilities of small satellite gammaâ€ray detectors. Astronomische Nachrichten, 2019, 340, 681-689.	1.2	2
32	Kilonova rates from spherical and axisymmetrical models. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4343-4348.	4.4	2
33	High-energy gamma-ray absorption in relativistic magnetospheres. Astrophysical Journal, 1989, 340, 443.	4.5	2
34	Magnetized neutron stars as gamma-ray bursters - Detection rates at high energies. Astrophysical Journal, 1989, 337, L23.	4.5	2
35	The Spatial Distribution of Gamma-Ray Bursts with Measured Redshifts from 24 Years of Observation. Universe, 2022, 8, 342.	2.5	2
36	Is sky distribution of gamma-ray bursts random?. Astrophysical Bulletin, 2010, 65, 277-285.	1.3	1

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37	Investigation of the connection between the intermediate gamma-ray bursts and X-ray flashes. Astronomische Nachrichten, 2013, 334, 1028-1031.	1.2	1
38	Monopole abundance from firstâ€order GUT phase transition of the early Universe. Astronomische Nachrichten, 1987, 308, 143-148.	1.2	0
39	Astronomical Aspects of Multifractal Point-Pattern Analysis: Application to the DENIS/2MASS Near-Infrared and BATSE Gamma-Ray Data. , 2003, , 499-500.		0
40	Cosmology and the subclasses of the gamma-ray bursts. Proceedings of the International Astronomical Union, 2010, 6, 363-364.	0.0	0
41	Connection between the Star Formation Rate and the Gamma-Ray Bursts. Proceedings of the International Astronomical Union, 2012, 8, 334-334.	0.0	0
42	Connection between the Star Formation Rate and the Gamma-Ray Bursts. Proceedings of the International Astronomical Union, 2012, 8, 93-93.	0.0	0
43	Methods for identifying highâ€redshift galaxy cluster candidates. Astronomische Nachrichten, 2019, 340, 618-621.	1.2	0
44	Galactic foreground of gamma-ray bursts from AKARI Far-Infrared Surveyor. Publication of the Astronomical Society of Japan, 2019, 71, .	2.5	0
45	Magnetic field distribution in polar CAP models of gamma-ray bursters. Astrophysical Journal, 1990, 359, 438.	4.5	0