

Miguel A Aloy

List of Publications by Year in descending order

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155
papers

16,493
citations

34105

52
h-index

14759

127
g-index

163
all docs

163
docs citations

163
times ranked

8266
citing authors

#	ARTICLE	IF	CITATIONS
1	Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. <i>Astrophysical Journal Letters</i> , 2017, 848, L13.	8.3	2,314
2	GWTC-1: A Gravitational-Wave Transient Catalog of Compact Binary Mergers Observed by LIGO and Virgo during the First and Second Observing Runs. <i>Physical Review X</i> , 2019, 9, .	8.9	2,022
3	GW170817: Measurements of Neutron Star Radii and Equation of State. <i>Physical Review Letters</i> , 2018, 121, 161101.	7.8	1,473
4	GW190425: Observation of a Compact Binary Coalescence with Total Mass $\hat{A}^{1/4} \hat{A}^3.4 M_{\text{sun}}$. <i>Astrophysical Journal Letters</i> , 2020, 892, L3.	8.3	1,049
5	Properties of the Binary Neutron Star Merger GW170817. <i>Physical Review X</i> , 2019, 9, .	8.9	728
6	Binary Black Hole Population Properties Inferred from the First and Second Observing Runs of Advanced LIGO and Advanced Virgo. <i>Astrophysical Journal Letters</i> , 2019, 882, L24.	8.3	566
7	Tests of general relativity with the binary black hole signals from the LIGO-Virgo catalog GWTC-1. <i>Physical Review D</i> , 2019, 100, .	4.7	470
8	Black holes, gravitational waves and fundamental physics: a roadmap. <i>Classical and Quantum Gravity</i> , 2019, 36, 143001.	4.0	451
9	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2020, 23, 3.	26.7	447
10	THE MISSING LINK: MERGING NEUTRON STARS NATURALLY PRODUCE JET-LIKE STRUCTURES AND CAN POWER SHORT GAMMA-RAY BURSTS. <i>Astrophysical Journal Letters</i> , 2011, 732, L6.	8.3	383
11	Tests of General Relativity with GW170817. <i>Physical Review Letters</i> , 2019, 123, 011102.	7.8	370
12	Relativistic Jets from Collapsars. <i>Astrophysical Journal</i> , 2000, 531, L119-L122.	4.5	252
13	Relativistic outflows from remnants of compact object mergers and their viability for short gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2005, 436, 273-311.	5.1	206
14	Search for the isotropic stochastic background using data from Advanced LIGO's second observing run. <i>Physical Review D</i> , 2019, 100, .	4.7	200
15	A guide to LIGO's Virgo detector noise and extraction of transient gravitational-wave signals. <i>Classical and Quantum Gravity</i> , 2020, 37, 055002.	4.0	188
16	First Measurement of the Hubble Constant from a Dark Standard Siren using the Dark Energy Survey Galaxies and the LIGO/Virgo Binary Black-hole Merger GW170814. <i>Astrophysical Journal Letters</i> , 2019, 876, L7.	8.3	179
17	GENESIS: A High-Resolution Code for Three-dimensional Relativistic Hydrodynamics. <i>Astrophysical Journal, Supplement Series</i> , 1999, 122, 151-166.	7.7	157
18	A Standard Siren Measurement of the Hubble Constant from GW170817 without the Electromagnetic Counterpart. <i>Astrophysical Journal Letters</i> , 2019, 871, L13.	8.3	145

#	ARTICLE	IF	CITATIONS
19	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. <i>Astrophysical Journal</i> , 2021, 909, 218.	4.5	144
20	Semi-global simulations of the magneto-rotational instability in core collapse supernovae. <i>Astronomy and Astrophysics</i> , 2009, 498, 241-271.	5.1	132
21	Search for Substellar Mass Ultracompact Binaries in Advanced LIGO's Second Observing Run. <i>Physical Review Letters</i> , 2019, 123, 161102.	7.8	119
22	Jet Stability and the Generation of Superluminal and Stationary Components. <i>Astrophysical Journal</i> , 2001, 549, L183-L186.	4.5	116
23	A dust-enshrouded tidal disruption event with a resolved radio jet in a galaxy merger. <i>Science</i> , 2018, 361, 482-485.	12.6	113
24	Axisymmetric simulations of magneto-rotational core collapse: dynamics and gravitational wave signal. <i>Astronomy and Astrophysics</i> , 2006, 450, 1107-1134.	5.1	113
25	Model comparison from LIGO's Virgo data on GW170817's binary components and consequences for the merger remnant. <i>Classical and Quantum Gravity</i> , 2020, 37, 045006.	4.0	109
26	SPECTRAL EVOLUTION OF SUPERLUMINAL COMPONENTS IN PARSEC-SCALE JETS. <i>Astrophysical Journal</i> , 2009, 696, 1142-1163.	4.5	103
27	All-sky search for continuous gravitational waves from isolated neutron stars using Advanced LIGO O2 data. <i>Physical Review D</i> , 2019, 100, .	4.7	102
28	Relativistic MHD simulations of extragalactic jets. <i>Astronomy and Astrophysics</i> , 2005, 436, 503-526.	5.1	101
29	The unusual γ -ray burst GRB 101225A from a helium star/neutron star merger at redshift 0.33. <i>Nature</i> , 2011, 480, 72-74.	27.8	100
30	Search for Gravitational Waves from a Long-lived Remnant of the Binary Neutron Star Merger GW170817. <i>Astrophysical Journal</i> , 2019, 875, 160.	4.5	97
31	Deceleration of arbitrarily magnetized GRB ejecta: the complete evolution. <i>Astronomy and Astrophysics</i> , 2009, 494, 879-890.	5.1	96
32	High-Resolution Three-dimensional Simulations of Relativistic Jets. <i>Astrophysical Journal</i> , 1999, 523, L125-L128.	4.5	93
33	Neutrino pair annihilation near accreting, stellar-mass black holes. <i>Astronomy and Astrophysics</i> , 2007, 463, 51-67.	5.1	92
34	Does the plasma composition affect the long-term evolution of relativistic jets?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 331, 615-634.	4.4	89
35	ANGULAR ENERGY DISTRIBUTION OF COLLAPSAR-JETS. <i>Astrophysical Journal</i> , 2009, 699, 1261-1273.	4.5	88
36	Searches for Gravitational Waves from Known Pulsars at Two Harmonics in 2015's 2017 LIGO Data. <i>Astrophysical Journal</i> , 2019, 879, 10.	4.5	88

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37	Axisymmetric simulations of magnetorotational core collapse: approximate inclusion of general relativistic effects. <i>Astronomy and Astrophysics</i> , 2006, 457, 209-222.	5.1	81
38	Three-dimensional Simulations of Relativistic Precessing Jets Probing the Structure of Superluminal Sources. <i>Astrophysical Journal</i> , 2003, 585, L109-L112.	4.5	81
39	Search for Substellar-Mass Ultracompact Binaries in Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2018, 121, 231103.	7.8	77
40	Magnetic field amplification and magnetically supported explosions of collapsing, non-rotating stellar cores. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 3169-3199.	4.4	76
41	A Powerful Hydrodynamic Booster for Relativistic Jets. <i>Astrophysical Journal</i> , 2006, 640, L115-L118.	4.5	73
42	GRAVITATIONAL WAVE SIGNATURES IN BLACK HOLE FORMING CORE COLLAPSE. <i>Astrophysical Journal Letters</i> , 2013, 779, L18.	8.3	72
43	Search for Eccentric Binary Black Hole Mergers with Advanced LIGO and Advanced Virgo during Their First and Second Observing Runs. <i>Astrophysical Journal</i> , 2019, 883, 149.	4.5	72
44	Magnetorotational core collapse of possible GRB progenitors â€“ I. Explosion mechanisms. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 4613-4634.	4.4	72
45	Low-latency Gravitational-wave Alerts for Multimessenger Astronomy during the Second Advanced LIGO and Virgo Observing Run. <i>Astrophysical Journal</i> , 2019, 875, 161.	4.5	71
46	Radio Emission from Three-dimensional Relativistic Hydrodynamic Jets: Observational Evidence of Jet Stratification. <i>Astrophysical Journal</i> , 2000, 528, L85-L88.	4.5	69
47	Optically targeted search for gravitational waves emitted by core-collapse supernovae during the first and second observing runs of advanced LIGO and advanced Virgo. <i>Physical Review D</i> , 2020, 101, .	4.7	69
48	Protomagnetar and black hole formation in high-mass stars. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 469, L43-L47.	3.3	68
49	Local simulations of the magnetized Kelvin-Helmholtz instability in neutron-star mergers. <i>Astronomy and Astrophysics</i> , 2010, 515, A30.	5.1	63
50	Searches for Continuous Gravitational Waves from 15 Supernova Remnants and Fomalhaut b with Advanced LIGO. <i>Astrophysical Journal</i> , 2019, 875, 122.	4.5	61
51	Narrow-band search for gravitational waves from known pulsars using the second LIGO observing run. <i>Physical Review D</i> , 2019, 99, .	4.7	60
52	All-sky search for short gravitational-wave bursts in the second Advanced LIGO and Advanced Virgo run. <i>Physical Review D</i> , 2019, 100, .	4.7	54
53	Variable Ly α sheds light on the environment surrounding GRB 090426. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 479-488.	4.4	53
54	Magnetorotational core collapse of possible GRB progenitors â€“ III. Three-dimensional models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 4942-4963.	4.4	53

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55	The radio afterglow of Swift J1644+57 reveals a powerful jet with fast core and slow sheath. Monthly Notices of the Royal Astronomical Society, 2015, 450, 2824-2841.	4.4	52
56	Search for intermediate mass black hole binaries in the first and second observing runs of the Advanced LIGO and Virgo network. Physical Review D, 2019, 100, .	4.7	52
57	Directional limits on persistent gravitational waves using data from Advanced LIGO's first two observing runs. Physical Review D, 2019, 100, .	4.7	52
58	On the existence of a reverse shock in magnetized gamma-ray burst ejecta. Astronomy and Astrophysics, 2008, 478, 747-753.	5.1	52
59	GRB 060121: Implications of a Short-/Intermediate-Duration $\hat{3}$ -Ray Burst at High Redshift. Astrophysical Journal, 2006, 648, L83-L87.	4.5	50
60	RELATIVISTIC MAGNETOHYDRODYNAMICS: RENORMALIZED EIGENVECTORS AND FULL WAVE DECOMPOSITION RIEMANN SOLVER. Astrophysical Journal, Supplement Series, 2010, 188, 1-31.	7.7	50
61	On the dynamic efficiency of internal shocks in magnetized relativistic outflows. Monthly Notices of the Royal Astronomical Society, 2010, 401, 525-532.	4.4	48
62	Magnetorotational core collapse of possible GRB progenitors " II. Formation of protomagnetars and collapsars. Monthly Notices of the Royal Astronomical Society, 2020, 500, 4365-4397.	4.4	47
63	On the maximum magnetic field amplification by the magnetorotational instability in core-collapse supernovae. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3316-3334.	4.4	46
64	Search for gravitational waves from Scorpius X-1 in the second Advanced LIGO observing run with an improved hidden Markov model. Physical Review D, 2019, 100, .	4.7	46
65	The influence of circumnuclear environment on the radio emission from TDE jets. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2481-2498.	4.4	42
66	Calibration of advanced Virgo and reconstruction of the gravitational wave signal $\langle i \rangle h \langle /i \rangle$ ($\langle i \rangle t \langle /i \rangle$) Tj ETQq0 0 0 rrgBT /Overlock 10 Tf	4.0	41
67	Internal shocks in relativistic outflows: collisions of magnetized shells. Astronomy and Astrophysics, 2007, 466, 93-106.	5.1	41
68	Synthetic X-ray light curves of BL Lacs from relativistic hydrodynamic simulations. Astronomy and Astrophysics, 2004, 418, 947-958.	5.1	39
69	The impact of non-dipolar magnetic fields in core-collapse supernovae. Monthly Notices of the Royal Astronomical Society, 2020, 492, 58-71.	4.4	39
70	Nucleosynthesis in magneto-rotational supernovae. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	39
71	Evaluation of the repeatability of a swept-source ocular biometer for measuring ocular biometric parameters. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 343-349.	1.9	38
72	Core collapse with magnetic fields and rotation. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 084001.	3.6	38

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73	Termination of the magnetorotational instability via parasitic instabilities in core-collapse supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 3782-3802.	4.4	37
74	Multiwavelength afterglow light curves from magnetized gamma-ray burst flows. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 407, 2501-2510.	4.4	36
75	3D MHD modeling of the expanding remnant of SN 1987A. <i>Astronomy and Astrophysics</i> , 2019, 622, A73.	5.1	36
76	Constraining the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Mode $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \text{g} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Mode Tidal Instability with GW170817. <i>Physical Review Letters</i> , 2019, 122, 061104.	7.8	36
77	Stability analysis of relativistic jets from collapsars and its implications on the short-term variability of gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2002, 396, 693-703.	5.1	35
78	Scheduled Relaxation Jacobi method: Improvements and applications. <i>Journal of Computational Physics</i> , 2016, 321, 369-413.	3.8	33
79	Search for Multimessenger Sources of Gravitational Waves and High-energy Neutrinos with Advanced LIGO during Its First Observing Run, ANTARES, and IceCube. <i>Astrophysical Journal</i> , 2019, 870, 134.	4.5	32
80	Searching for differences in <i>Swift</i> 's intermediate GRBs. <i>Astronomy and Astrophysics</i> , 2011, 525, A109.	5.1	31
81	Radiative signature of magnetic fields in internal shocks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 2635-2647.	4.4	31
82	A Fermi Gamma-Ray Burst Monitor Search for Electromagnetic Signals Coincident with Gravitational-wave Candidates in Advanced LIGO's First Observing Run. <i>Astrophysical Journal</i> , 2019, 871, 90.	4.5	30
83	Search for Gravitational-wave Signals Associated with Gamma-Ray Bursts during the Second Observing Run of Advanced LIGO and Advanced Virgo. <i>Astrophysical Journal</i> , 2019, 886, 75.	4.5	29
84	Which physical parameters can be inferred from the emission variability of relativistic jets?. <i>Astronomy and Astrophysics</i> , 2005, 441, 103-115.	5.1	29
85	Neutron star collapse and gravitational waves with a non-convex equation of state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4980-5008.	4.4	28
86	Off-axis Properties of Short Gamma-ray Bursts. <i>Astrophysical Journal</i> , 2006, 645, 1305-1314.	4.5	27
87	Observational Effects of Anomalous Boundary Layers in Relativistic Jets. <i>Astrophysical Journal</i> , 2008, 681, 84-95.	4.5	27
88	Search for Transient Gravitational-wave Signals Associated with Magnetar Bursts during Advanced LIGO's Second Observing Run. <i>Astrophysical Journal</i> , 2019, 874, 163.	4.5	26
89	On the Measurements of Numerical Viscosity and Resistivity in Eulerian MHD Codes. <i>Astrophysical Journal, Supplement Series</i> , 2017, 230, 18.	7.7	25
90	Heavy sterile neutrinos in stellar core-collapse. <i>Physical Review D</i> , 2018, 98, .	4.7	23

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91	All-sky search for long-duration gravitational-wave transients in the second Advanced LIGO observing run. <i>Physical Review D</i> , 2019, 99, .	4.7	22
92	Striped Blandford/Znajek jets from advection of small-scale magnetic field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 4203-4225.	4.4	22
93	Magnetorotational core collapse of possible gamma-ray burst progenitors â€“ IV. A wider range of progenitors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2489-2507.	4.4	22
94	Numerical models of blackbody-dominated gamma-ray bursts â€“ II. Emission properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 1737-1749.	4.4	21
95	Linear theory of the Rayleighâ€“Taylor instability at a discontinuous surface of a relativistic flow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1421-1431.	4.4	21
96	Estimation of the mechanical properties of the eye through the study of its vibrational modes. <i>PLoS ONE</i> , 2017, 12, e0183892.	2.5	21
97	Numerically solving the relativistic Gradâ€“Shafranov equation in Kerr spacetimes: numerical techniques. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 3927-3944.	4.4	19
98	An efficient implementation of flux formulae in multidimensional relativistic hydrodynamical codes. <i>Computer Physics Communications</i> , 1999, 120, 115-121.	7.5	17
99	An HLLC Riemann solver for resistive relativistic magnetohydrodynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 3837-3860.	4.4	17
100	Numerical models of blackbody-dominated gamma-ray bursts â€“ I. Hydrodynamics and the origin of the thermal emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 1716-1736.	4.4	16
101	Instability of twisted magnetar magnetospheres. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4858-4876.	4.4	14
102	Detection of the high z GRB 080913 and its implications on progenitors and energy extraction mechanisms. <i>Astronomy and Astrophysics</i> , 2010, 510, A105.	5.1	13
103	On the equivalence between the Scheduled Relaxation Jacobi method and Richardson's non-stationary method. <i>Journal of Computational Physics</i> , 2017, 332, 446-460.	3.8	13
104	On the existence of a luminosity threshold of GRB jets in massive stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 3576-3589.	4.4	13
105	Computational general relativistic force-free electrodynamics. <i>Astronomy and Astrophysics</i> , 2021, 647, A58.	5.1	11
106	The influence of the magnetic field on the spectral properties of blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 1856-1869.	4.4	10
107	Ocular anatomic changes for different accommodative demands using swept-source optical coherence tomography: a pilot study. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 2399-2406.	1.9	9
108	Ocular biometric changes with different accommodative stimuli using swept-source optical coherence tomography. <i>International Ophthalmology</i> , 2019, 39, 303-310.	1.4	9

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109	The advanced Virgo longitudinal control system for the O2 observing run. <i>Astroparticle Physics</i> , 2020, 116, 102386.	4.3	9
110	On the convexity of relativistic ideal magnetohydrodynamics. <i>Classical and Quantum Gravity</i> , 2015, 32, 095007.	4.0	8
111	Evolution of the surface magnetic field of rotating proto-neutron stars. <i>Journal of Physics: Conference Series</i> , 2017, 932, 012043.	0.4	8
112	Computational general relativistic force-free electrodynamics. <i>Astronomy and Astrophysics</i> , 2021, 647, A57.	5.1	8
113	Anomalous dynamics triggered by a non-convex equation of state in relativistic flows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 1100-1110.	4.4	7
114	Riemann Solvers in General Relativistic Hydrodynamics. , 2001, , 485-496.		6
115	Effect of contact lenses on ocular biometric measurements based on swept-source optical coherence tomography. <i>Arquivos Brasileiros De Oftalmologia</i> , 2019, 82, 129-135.	0.5	6
116	Diffusivity in force-free simulations of global magnetospheres. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 1504-1520.	4.4	6
117	A method for computing synchrotron and inverse-Compton emission from hydrodynamic simulations of supernova remnants. <i>High Energy Density Physics</i> , 2015, 17, 92-97.	1.5	4
118	Termination of the MRI via parasitic instabilities in core-collapse supernovae: influence of numerical methods. <i>Journal of Physics: Conference Series</i> , 2016, 719, 012009.	0.4	4
119	On the influence of a hybrid thermal–non-thermal distribution in the internal shocks model for blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 1169-1182.	4.4	4
120	MHD Simulations of Relativistic Jets. <i>Astrophysics and Space Science</i> , 2004, 293, 157-163.	1.4	3
121	Numerical simulations of the jetted tidal disruption event Swift J1644+57. <i>Journal of Physics: Conference Series</i> , 2016, 719, 012008.	0.4	3
122	Numerical viscosity in simulations of the two-dimensional Kelvin-Helmholtz instability. <i>Journal of Physics: Conference Series</i> , 2020, 1623, 012018.	0.4	3
123	Hydromagnetic instabilities and magnetic field amplification in core collapse supernovae. <i>Journal of Physics: Conference Series</i> , 2011, 314, 012079.	0.4	2
124	Numerical study of emission and dynamics from a TDE-powered jet. <i>EPJ Web of Conferences</i> , 2012, 39, 04003.	0.3	2
125	Numerical simulations of dynamics and emission from relativistic astrophysical jets. <i>Journal of Physics: Conference Series</i> , 2013, 454, 012001.	0.4	2
126	Minimally implicit Runge-Kutta methods for Resistive Relativistic MHD. <i>Journal of Physics: Conference Series</i> , 2016, 719, 012015.	0.4	2

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127	How to form a millisecond magnetar? Magnetic field amplification in protoneutron stars. Proceedings of the International Astronomical Union, 2017, 12, 119-124.	0.0	2
128	Magnetorotational Instability in Core-Collapse Supernovae. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 361.	0.1	2
129	2D hydrodynamic simulations of relativistic jets from collapsars. AIP Conference Proceedings, 2000, , .	0.4	1
130	3D Relativistic Hydrodynamics. , 2002, , 197-226.		1
131	Computation of X-Ray Blazar Light Curves Using RHD Simulations. Astrophysics and Space Science, 2004, 293, 165-172.	1.4	1
132	SIMULATIONS OF DYNAMICS AND EMISSION FROM MAGNETIZED GRB AFTERGLOWS. International Journal of Modern Physics D, 2010, 19, 985-990.	2.1	1
133	Characteristic structure of the resistive relativistic magnetohydrodynamic equations. , 2012, , .		1
134	EFFICIENCY OF INTERNAL SHOCKS IN MAGNETIZED RELATIVISTIC JETS. International Journal of Modern Physics Conference Series, 2012, 08, 360-363.	0.7	1
135	Building a numerical relativistic non-ideal magnetohydrodynamics code for astrophysical applications. Proceedings of the International Astronomical Union, 2013, 9, 64-65.	0.0	1
136	Numerical study of broadband spectra caused by internal shocks in magnetized relativistic jets of blazars. EPJ Web of Conferences, 2013, 61, 02007.	0.3	1
137	Cataclysmic Progenitors of Gamma-Ray Bursts. , 2001, , 33-36.		1
138	Simulations of Relativistic Jets with Genesis. , 2001, , 45-52.		0
139	Relativistic Jets from Collapsars. , 2001, , 53-59.		0
140	Title is missing!. Astrophysics and Space Science, 2001, 276, 293-294.	1.4	0
141	The First Steps in the Life of a GRB. International Astronomical Union Colloquium, 2005, 192, 483-489.	0.1	0
142	Energy Distribution of Relativistic GRB Jets. AIP Conference Proceedings, 2008, , .	0.4	0
143	MAKING UP A SHORT GRB: THE BRIGHT FATE OF MERGERS OF COMPACT OBJECTS. , 2008, , .		0
144	Angular Energy Distribution of Jets from Collapsas. , 2009, , .		0

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145	Afterglow light curves from magnetized GRB flows. Proceedings of the International Astronomical Union, 2010, 6, 358-362.	0.0	0
146	High-order methods for the simulation of hydromagnetic instabilities in core-collapse supernovae. Proceedings of the International Astronomical Union, 2010, 6, 479-481.	0.0	0
147	Properties of Swift's intermediate bursts. , 2010, , .		0
148	GRB 101225A - a new class of GRBs?. Proceedings of the International Astronomical Union, 2011, 7, 91-94.	0.0	0
149	Properties of Swift's intermediate bursts. , 2011, , .		0
150	Dynamical efficiency of collisionless magnetized shocks in relativistic jets. , 2011, , .		0
151	Hydrodynamical and Emission Simulations of Relativistic Jets: Stability and Generation of Superluminal and Stationary Components. , 2001, , 293-294.		0
152	Simulations of Precessing Jets. , 2003, , 23-26.		0
153	Computation of X-ray Blazar Light Curves Using RHD Simulations. , 2004, , 165-172.		0
154	MHD Simulations of Relativistic Jets. , 2004, , 157-163.		0
155	The First Steps in the Life of a GRB. , 2005, , 483-489.		0