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	Magnetorotational core collapse of possible gamma-ray burst progenitors â€“ IV. A wider range of progenitors. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2489-2507.	4.4	22
2	Magnetorotational core collapse of possible GRB progenitors â€“ III. Three-dimensional models. Monthly Notices of the Royal Astronomical Society, 2021, 503, 4942-4963.	4.4	53
3	Computational general relativistic force-free electrodynamics. Astronomy and Astrophysics, 2021, 647, A57.	5.1	8
4	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. Astrophysical Journal, 2021, 909, 218.	4.5	144
5	Computational general relativistic force-free electrodynamics. Astronomy and Astrophysics, 2021, 647, A58.	5.1	11
6	Diffusivity in force-free simulations of global magnetospheres. Monthly Notices of the Royal Astronomical Society, 2021, 509, 1504-1520.	4.4	6
7	The advanced Virgo longitudinal control system for the O2 observing run. Astroparticle Physics, 2020, 116, 102386.	4.3	9
8	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2020, 23, 3.	26.7	447
9	Numerical viscosity in simulations of the two-dimensional Kelvin-Helmholtz instability. Journal of Physics: Conference Series, 2020, 1623, 012018.	0.4	3
10	GW190425: Observation of a Compact Binary Coalescence with Total MassÂâˆ¼Â3.4 M_{âŠ™}. Astrophysical Journal Letters, 2020, 892, L3.	8.3	1,049
11	Striped Blandford/Znajek jets from advection of small-scale magnetic field. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4203-4225.	4.4	22
12	Model comparison from LIGOâ€“Virgo data on GW170817â€™s binary components and consequences for the merger remnant. Classical and Quantum Gravity, 2020, 37, 045006.	4.0	109
13	A guide to LIGOâ€“Virgo detector noise and extraction of transient gravitational-wave signals. Classical and Quantum Gravity, 2020, 37, 055002.	4.0	188
14	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
15	Magnetorotational core collapse of possible GRB progenitors â€“ I. Explosion mechanisms. Monthly Notices of the Royal Astronomical Society, 2020, 492, 4613-4634.	4.4	72
16	Optically targeted search for gravitational waves emitted by core-collapse supernovae during the first and second observing runs of advanced LIGO and advanced Virgo. Physical Review D, 2020, 101, .	4.7	69
17	Magnetorotational core collapse of possible GRB progenitors â€“ II. Formation of protomagnetars and collapsars. Monthly Notices of the Royal Astronomical Society, 2020, 500, 4365-4397.	4.4	47
18	Narrow-band search for gravitational waves from known pulsars using the second LIGO observing run. Physical Review D, 2019, 99, .	4.7	60

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19	Searches for Gravitational Waves from Known Pulsars at Two Harmonics in 2015â€“2017 LIGO Data. Astrophysical Journal, 2019, 879, 10.	4.5	88
20	All-sky search for continuous gravitational waves from isolated neutron stars using Advanced LIGO O2 data. Physical Review D, 2019, 100, .	4.7	102
21	All-sky search for short gravitational-wave bursts in the second Advanced LIGO and Advanced Virgo run. Physical Review D, 2019, 100, .	4.7	54
22	Tests of General Relativity with GW170817. Physical Review Letters, 2019, 123, 011102.	7.8	370
23	Search for Eccentric Binary Black Hole Mergers with Advanced LIGO and Advanced Virgo during Their First and Second Observing Runs. Astrophysical Journal, 2019, 883, 149.	4.5	72
24	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
25	Search for Subsolar Mass Ultracompact Binaries in Advanced LIGOâ€™s Second Observing Run. Physical Review Letters, 2019, 123, 161102.	7.8	119
26	Binary Black Hole Population Properties Inferred from the First and Second Observing Runs of Advanced LIGO and Advanced Virgo. Astrophysical Journal Letters, 2019, 882, L24.	8.3	566
27	Directional limits on persistent gravitational waves using data from Advanced LIGOâ€™s first two observing runs. Physical Review D, 2019, 100, .	4.7	52
28	GWTC-1: A Gravitational-Wave Transient Catalog of Compact Binary Mergers Observed by LIGO and Virgo during the First and Second Observing Runs. Physical Review X, 2019, 9, .	8.9	2,022
29	Search for the isotropic stochastic background using data from Advanced LIGOâ€™s second observing run. Physical Review D, 2019, 100, .	4.7	200
30	Instability of twisted magnetar magnetospheres. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4858-4876.	4.4	14
31	A Standard Siren Measurement of the Hubble Constant from GW170817 without the Electromagnetic Counterpart. Astrophysical Journal Letters, 2019, 871, L13.	8.3	145
32	Black holes, gravitational waves and fundamental physics: a roadmap. Classical and Quantum Gravity, 2019, 36, 143001.	4.0	451
33	All-sky search for long-duration gravitational-wave transients in the second Advanced LIGO observing run. Physical Review D, 2019, 99, .	4.7	22
34	Effect of contact lenses on ocular biometric measurements based on swept-source optical coherence tomography. Arquivos Brasileiros De Oftalmologia, 2019, 82, 129-135.	0.5	6
35	Neutron star collapse and gravitational waves with a non-convex equation of state. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4980-5008.	4.4	28
36	Search for Multimessenger Sources of Gravitational Waves and High-energy Neutrinos with Advanced LIGO during Its First Observing Run, ANTARES, and IceCube. Astrophysical Journal, 2019, 870, 134.	4.5	32

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37	A Fermi Gamma-Ray Burst Monitor Search for Electromagnetic Signals Coincident with Gravitational-wave Candidates in Advanced LIGO's First Observing Run. Astrophysical Journal, 2019, 871, 90.	4.5	30
38	Searches for Continuous Gravitational Waves from 15 Supernova Remnants and Fomalhaut b with Advanced LIGO[*]. Astrophysical Journal, 2019, 875, 122.	4.5	61
39	Search for Gravitational Waves from a Long-lived Remnant of the Binary Neutron Star Merger GW170817. Astrophysical Journal, 2019, 875, 160.	4.5	97
40	First Measurement of the Hubble Constant from a Dark Standard Siren using the Dark Energy Survey Galaxies and the LIGO/Virgo Binaryâ€“Black-hole Merger GW170814. Astrophysical Journal Letters, 2019, 876, L7.	8.3	179
41	Low-latency Gravitational-wave Alerts for Multimessenger Astronomy during the Second Advanced LIGO and Virgo Observing Run. Astrophysical Journal, 2019, 875, 161.	4.5	71
42	Search for Transient Gravitational-wave Signals Associated with Magnetar Bursts during Advanced LIGOâ€™s Second Observing Run. Astrophysical Journal, 2019, 874, 163.	4.5	26
43	3D MHD modeling of the expanding remnant of SN 1987A. Astronomy and Astrophysics, 2019, 622, A73.	5.1	36
44	Constraining the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi></mml:math> -Modeâ€“ <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>g</mml:mi></mml:math> -Mode Tidal Instability with GW170817. Physical Review Letters, 2019, 122, 061104.	7.8	36
45	Tests of general relativity with the binary black hole signals from the LIGO-Virgo catalog GWTC-1. Physical Review D, 2019, 100, .	4.7	470
46	Search for Gravitational-wave Signals Associated with Gamma-Ray Bursts during the Second Observing Run of Advanced LIGO and Advanced Virgo. Astrophysical Journal, 2019, 886, 75.	4.5	29
47	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
48	Properties of the Binary Neutron Star Merger GW170817. Physical Review X, 2019, 9, .	8.9	728
49	Ocular biometric changes with different accommodative stimuli using swept-source optical coherence tomography. International Ophthalmology, 2019, 39, 303-310.	1.4	9
50	An HLLC Riemann solver for resistive relativistic magnetohydrodynamics. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3837-3860.	4.4	17
51	Heavy sterile neutrinos in stellar core-collapse. Physical Review D, 2018, 98, .	4.7	23
52	Search for Subsolar-Mass Ultracompact Binaries in Advanced LIGOâ€™s First Observing Run. Physical Review Letters, 2018, 121, 231103.	7.8	77
53	Numerically solving the relativistic Gradâ€“Shafranov equation in Kerr spacetimes: numerical techniques. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3927-3944.	4.4	19
54	GW170817: Measurements of Neutron Star Radii and Equation of State. Physical Review Letters, 2018, 121, 161101.	7.8	1,473

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55	Calibration of advanced Virgo and reconstruction of the gravitational wave signal h (t) Tj ETQq1 1 0.784314 rgBT /Ove	4.0	41
56	Anomalous dynamics triggered by a non-convex equation of state in relativistic flows. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1100-1110.	4.4	7
57	On the existence of a luminosity threshold of GRB jets in massive stars. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3576-3589.	4.4	13
58	Core collapse with magnetic fields and rotation. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 084001.	3.6	38
59	A dust-enshrouded tidal disruption event with a resolved radio jet in a galaxy merger. Science, 2018, 361, 482-485.	12.6	113
60	On the equivalence between the Scheduled Relaxation Jacobi method and Richardson's non-stationary method. Journal of Computational Physics, 2017, 332, 446-460.	3.8	13
61	On the Measurements of Numerical Viscosity and Resistivity in Eulerian MHD Codes. Astrophysical Journal, Supplement Series, 2017, 230, 18.	7.7	25
62	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
63	Ocular anatomic changes for different accommodative demands using swept-source optical coherence tomography: a pilot study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 2399-2406.	1.9	9
64	Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. Astrophysical Journal Letters, 2017, 848, L13.	8.3	2,314
65	Linear theory of the Rayleighâ€“Taylor instability at a discontinuous surface of a relativistic flow. Monthly Notices of the Royal Astronomical Society, 2017, 472, 1421-1431.	4.4	21
66	On the influence of a hybrid thermalâ€“non-thermal distribution in the internal shocks model for blazars. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1169-1182.	4.4	4
67	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
68	Protomagnetar and black hole formation in high-mass stars. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 469, L43-L47.	3.3	68
69	Estimation of the mechanical properties of the eye through the study of its vibrational modes. PLoS ONE, 2017, 12, e0183892.	2.5	21
70	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
71	Evolution of the surface magnetic field of rotating proto-neutron stars. Journal of Physics: Conference Series, 2017, 932, 012043.	0.4	8
72	Magnetorotational Instability in Core-Collapse Supernovae. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 361.	0.1	2

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73	Termination of the MRI via parasitic instabilities in core-collapse supernovae: influence of numerical methods. Journal of Physics: Conference Series, 2016, 719, 012009.	0.4	4
74	Minimally implicit Runge-Kutta methods for Resistive Relativistic MHD. Journal of Physics: Conference Series, 2016, 719, 012015.	0.4	2
75	Numerical simulations of the jetted tidal disruption event Swift J1644+57. Journal of Physics: Conference Series, 2016, 719, 012008.	0.4	3
76	Termination of the magnetorotational instability via parasitic instabilities in core-collapse supernovae. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3782-3802.	4.4	37
77	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
78	Scheduled Relaxation Jacobi method: Improvements and applications. Journal of Computational Physics, 2016, 321, 369-413.	3.8	33
79	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
80	Numerical models of blackbody-dominated gamma-ray bursts â€“ I. Hydrodynamics and the origin of the thermal emission. Monthly Notices of the Royal Astronomical Society, 2015, 446, 1716-1736.	4.4	16
81	On the convexity of relativistic ideal magnetohydrodynamics. Classical and Quantum Gravity, 2015, 32, 095007.	4.0	8
82	Numerical models of blackbody-dominated gamma-ray bursts â€“ II. Emission properties. Monthly Notices of the Royal Astronomical Society, 2015, 446, 1737-1749.	4.4	21
83	A method for computing synchrotron and inverse-Compton emission from hydrodynamic simulations of supernova remnants. High Energy Density Physics, 2015, 17, 92-97.	1.5	4
84	The influence of the magnetic field on the spectral properties of blazars. Monthly Notices of the Royal Astronomical Society, 2014, 438, 1856-1869.	4.4	10
85	Magnetic field amplification and magnetically supported explosions of collapsing, non-rotating stellar cores. Monthly Notices of the Royal Astronomical Society, 2014, 445, 3169-3199.	4.4	76
86	GRAVITATIONAL WAVE SIGNATURES IN BLACK HOLE FORMING CORE COLLAPSE. Astrophysical Journal Letters, 2013, 779, L18.	8.3	72
87	Building a numerical relativistic non-ideal magnetohydrodynamics code for astrophysical applications. Proceedings of the International Astronomical Union, 2013, 9, 64-65.	0.0	1
88	Numerical simulations of dynamics and emission from relativistic astrophysical jets. Journal of Physics: Conference Series, 2013, 454, 012001.	0.4	2
89	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
90	Characteristic structure of the resistive relativistic magnetohydrodynamic equations. , 2012, , .		1

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91	EFFICIENCY OF INTERNAL SHOCKS IN MAGNETIZED RELATIVISTIC JETS. International Journal of Modern Physics Conference Series, 2012, 08, 360-363.	0.7	1
92	Numerical study of emission and dynamics from a TDE-powered jet. EPJ Web of Conferences, 2012, 39, 04003.	0.3	2
93	Radiative signature of magnetic fields in internal shocks. Monthly Notices of the Royal Astronomical Society, 2012, 421, 2635-2647.	4.4	31
94	Searching for differences inSwiftâ€™s intermediate GRBs. Astronomy and Astrophysics, 2011, 525, A109.	5.1	31
95	GRB 101225A - a new class of GRBs?. Proceedings of the International Astronomical Union, 2011, 7, 91-94.	0.0	0
96	Hydromagnetic instabilities and magnetic field amplification in core collapse supernovae. Journal of Physics: Conference Series, 2011, 314, 012079.	0.4	2
97	THE MISSING LINK: MERGING NEUTRON STARS NATURALLY PRODUCE JET-LIKE STRUCTURES AND CAN POWER SHORT GAMMA-RAY BURSTS. Astrophysical Journal Letters, 2011, 732, L6.	8.3	383
98	Properties of Swiftâ€˜s intermediate bursts. , 2011, , .		0
99	Variable LyÎ± sheds light on the environment surrounding GRB 090426. Monthly Notices of the Royal Astronomical Society, 2011, 414, 479-488.	4.4	53
100	The unusual Î³-ray burst GRB 101225A from a helium star/neutron star merger at redshift 0.33. Nature, 2011, 480, 72-74.	27.8	100
101	Dynamical efficiency of collisionless magnetized shocks in relativistic jets. , 2011, , .		0
102	Afterglow light curves from magnetized GRB flows. Proceedings of the International Astronomical Union, 2010, 6, 358-362.	0.0	0
103	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
104	Detection of the high ${sf z}$ GRB 080913 and its implications on progenitors and energy extraction mechanisms. Astronomy and Astrophysics, 2010, 510, A105.	5.1	13
105	Local simulations of the magnetized Kelvin-Helmholtz instability in neutron-star mergers. Astronomy and Astrophysics, 2010, 515, A30.	5.1	63
106	Properties of Swiftâ€™s intermediate bursts. , 2010, , .		0
107	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
108	RELATIVISTIC MAGNETOHYDRODYNAMICS: RENORMALIZED EIGENVECTORS AND FULL WAVE DECOMPOSITION RIEMANN SOLVER. Astrophysical Journal, Supplement Series, 2010, 188, 1-31.	7.7	50

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109	SIMULATIONS OF DYNAMICS AND EMISSION FROM MAGNETIZED GRB AFTERGLOWS. International Journal of Modern Physics D, 2010, 19, 985-990.	2.1	1
110	SPECTRAL EVOLUTION OF SUPERLUMINAL COMPONENTS IN PARSEC-SCALE JETS. Astrophysical Journal, 2009, 696, 1142-1163.	4.5	103
111	ANGULAR ENERGY DISTRIBUTION OF COLLAPSAR-JETS. Astrophysical Journal, 2009, 699, 1261-1273.	4.5	88
112	Angular Energy Distribution of Jets from Collapsas. , 2009, , .		0
113	Semi-global simulations of the magneto-rotational instability in core collapse supernovae. Astronomy and Astrophysics, 2009, 498, 241-271.	5.1	132
114	Deceleration of arbitrarily magnetized GRB ejecta: the complete evolution. Astronomy and Astrophysics, 2009, 494, 879-890.	5.1	96
115	Energy Distribution of Relativistic GRB Jets. AIP Conference Proceedings, 2008, , .	0.4	0
116	MAKING UP A SHORT GRB: THE BRIGHT FATE OF MERGERS OF COMPACT OBJECTS. , 2008, , .		0
117	Observational Effects of Anomalous Boundary Layers in Relativistic Jets. Astrophysical Journal, 2008, 681, 84-95.	4.5	27
118	On the existence of a reverse shock in magnetized gamma-ray burst ejecta. Astronomy and Astrophysics, 2008, 478, 747-753.	5.1	52
119	Neutrino pair annihilation near accreting, stellar-mass black holes. Astronomy and Astrophysics, 2007, 463, 51-67.	5.1	92
120	Internal shocks in relativistic outflows: collisions of magnetized shells. Astronomy and Astrophysics, 2007, 466, 93-106.	5.1	41
121	GRB 060121: Implications of a Short-/Intermediate-Duration Î³-Ray Burst at High Redshift. Astrophysical Journal, 2006, 648, L83-L87.	4.5	50
122	A Powerful Hydrodynamic Booster for Relativistic Jets. Astrophysical Journal, 2006, 640, L115-L118.	4.5	73
123	Offâ€Axis Properties of Short Gammaâ€Ray Bursts. Astrophysical Journal, 2006, 645, 1305-1314.	4.5	27
124	Axisymmetric simulations of magneto-rotational core collapse: dynamics and gravitational wave signal. Astronomy and Astrophysics, 2006, 450, 1107-1134.	5.1	113
125	Axisymmetric simulations of magnetorotational core collapse: approximate inclusion of general relativistic effects. Astronomy and Astrophysics, 2006, 457, 209-222.	5.1	81
126	Relativistic MHD simulations of extragalactic jets. Astronomy and Astrophysics, 2005, 436, 503-526.	5.1	101

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127	The First Steps in the Life of a GRB. International Astronomical Union Colloquium, 2005, 192, 483-489.	0.1	0
128	Relativistic outflows from remnants of compact object mergers and their viability for short gamma-ray bursts. Astronomy and Astrophysics, 2005, 436, 273-311.	5.1	206
129	Which physical parameters can be inferred from the emission variability of relativistic jets?. Astronomy and Astrophysics, 2005, 441, 103-115.	5.1	29
130	The First Steps in the Life of a GRB. , 2005, , 483-489.		0
131	Synthetic X-ray light curves of BL Lacs from relativistic hydrodynamic simulations. Astronomy and Astrophysics, 2004, 418, 947-958.	5.1	39
132	MHD Simulations of Relativistic Jets. Astrophysics and Space Science, 2004, 293, 157-163.	1.4	3
133	Computation of X-Ray Blazar Light Curves Using RHD Simulations. Astrophysics and Space Science, 2004, 293, 165-172.	1.4	1
134	Computation of X-ray Blazar Light Curves Using RHD Simulations. , 2004, , 165-172.		0
135	MHD Simulations of Relativistic Jets. , 2004, , 157-163.		0
136	Three-dimensional Simulations of Relativistic Precessing Jets Probing the Structure of Superluminal Sources. Astrophysical Journal, 2003, 585, L109-L112.	4.5	81
137	Simulations of Precessing Jets. , 2003, , 23-26.		0
138	3D Relativistic Hydrodynamics. , 2002, , 197-226.		1
139	Does the plasma composition affect the long-term evolution of relativistic jets?. Monthly Notices of the Royal Astronomical Society, 2002, 331, 615-634.	4.4	89
140	Stability analysis of relativistic jets from collapsars and its implications on the short-term variability of gamma-ray bursts. Astronomy and Astrophysics, 2002, 396, 693-703.	5.1	35
141	Simulations of Relativistic Jets with Genesis. , 2001, , 45-52.		0
142	Relativistic Jets from Collapsars. , 2001, , 53-59.		0
143	Riemann Solvers in General Relativistic Hydrodynamics. , 2001, , 485-496.		6
144	Title is missing!. Astrophysics and Space Science, 2001, 276, 293-294.	1.4	0

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145	Jet Stability and the Generation of Superluminal and Stationary Components. Astrophysical Journal, 2001, 549, L183-L186.	4.5	116
146	Hydrodynamical and Emission Simulations of Relativistic Jets: Stability and Generation of Superluminal and Stationary Components. , 2001, , 293-294.		0
147	Cataclysmic Progenitors of Gamma-Ray Bursts. , 2001, , 33-36.		1
148	Relativistic Jets from Collapsars. Astrophysical Journal, 2000, 531, L119-L122.	4.5	252
149	Radio Emission from Three-dimensional Relativistic Hydrodynamic Jets: Observational Evidence of Jet Stratification. Astrophysical Journal, 2000, 528, L85-L88.	4.5	69
150	2D hydrodynamic simulations of relativistic jets from collapsars. AIP Conference Proceedings, 2000, , .	0.4	1
151	An efficient implementation of flux formulae in multidimensional relativistic hydrodynamical codes. Computer Physics Communications, 1999, 120, 115-121.	7.5	17
152	GENESIS: A Highâ€Resolution Code for Threeâ€dimensional Relativistic Hydrodynamics. Astrophysical Journal, Supplement Series, 1999, 122, 151-166.	7.7	157
153	High-Resolution Three-dimensional Simulations of Relativistic Jets. Astrophysical Journal, 1999, 523, L125-L128.	4.5	93
154	Multiwavelength afterglow light curves from magnetized gamma-ray burst flows. Monthly Notices of the Royal Astronomical Society, 0, 407, 2501-2510.	4.4	36
155	Nucleosynthesis in magneto-rotational supernovae. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	39