Raffaella Margutti

List of Publications by Year
in descending order

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182 papers	14,963 citations	17440 63 h-index	19190 118 g-index
183 all docs	183 docs citations	183 times ranked	7416 citing authors

#	Article	IF	Citations
1	Progenitor and close-in circumstellar medium of type II supernova 2020fqv from high-cadence photometry and ultra-rapid UV spectroscopy. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2777-2797.	4.4	17
2	Final Moments. I. Precursor Emission, Envelope Inflation, and Enhanced Mass Loss Preceding the Luminous Type II Supernova 2020tlf. Astrophysical Journal, 2022, 924, 15.	4.5	59
3	The Early Phases of Supernova 2020pni: Shock Ionization of the Nitrogen-enriched Circumstellar Material. Astrophysical Journal, 2022, 926, 20.	4.5	27
4	Hubble Space Telescope Observations of GW170817: Complete Light Curves and the Properties of the Galaxy Merger of NGC 4993. Astrophysical Journal, 2022, 926, 49.	4.5	16
5	An Early-time Optical and Ultraviolet Excess in the Type-Ic SN 2020oi. Astrophysical Journal, 2022, 924, 55.	4.5	22
6	Radio and X-Ray Observations of the Luminous Fast Blue Optical Transient AT 2020xnd. Astrophysical Journal, 2022, 926, 112.	4.5	29
7	Evidence for X-Ray Emission in Excess to the Jet-afterglow Decay 3.5 yr after the Binary Neutron Star Merger GW 170817: A New Emission Component. Astrophysical Journal Letters, 2022, 927, L17.	8.3	41
8	Physical Properties of the Host Galaxies of Ca-rich Transients. Astrophysical Journal, 2022, 927, 199.	4.5	7
9	Shocked jets in CCSNe can power the zoo of fast blue optical transients. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3810-3817.	4.4	31
10	Target-of-opportunity Observations of Gravitational-wave Events with Vera C. Rubin Observatory. Astrophysical Journal, Supplement Series, 2022, 260, 18.	7.7	21
11	Survival of the Fittest: Numerical Modeling of SN 2014C. Astrophysical Journal, 2022, 930, 150.	4.5	3
12	The Circumstellar Environments of Double-peaked, Calcium-strong Transients 2021gno and 2021inl. Astrophysical Journal, 2022, 932, 58.	4.5	15
13	Late-time Observations of Calcium-rich Transient SN 2019ehk Reveal a Pure Radioactive Decay Power Source. Astrophysical Journal Letters, 2021, 908, L32.	8.3	14
14	The Young Supernova Experiment: Survey Goals, Overview, and Operations. Astrophysical Journal, 2021, 908, 143.	4.5	52
15	A cool and inflated progenitor candidate for the Type Ib supernova 2019yvr at 2.6Âyr before explosion. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2073-2093.	4.4	48
16	A deep study of the highâ€“energy transient sky. Experimental Astronomy, 2021, 51, 1203-1223.	3.7	5
17	Late-time Radio and Millimeter Observations of Superluminous Supernovae and Long Gamma-Ray Bursts: Implications for Central Engines, Fast Radio Bursts, and Obscured Star Formation. Astrophysical Journal, 2021, 912, 21.	4.5	18
18	The Center of Expansion and Age of the Oxygen-rich Supernova Remnant 1E 0102.2-7219. Astrophysical Journal, 2021, 912, 33.	4.5	10

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19	GRB 180418A: A Possibly Short Gamma-Ray Burst with a Wide-angle Outflow in a Faint Host Galaxy. Astrophysical Journal, 2021, 912, 95.	4.5	8
20	Constraints on the sub-pc environment of the nearby Type Iax SNâ€‰2014dt from deep X-ray and radio observations. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1153-1161.	4.4	3
21	ALMA and NOEMA constraints on synchrotron nebular emission from embryonic superluminous supernova remnants and radioâ€“gamma-ray connection. Monthly Notices of the Royal Astronomical Society, 2021, 508, 44-51.	4.4	11
22	First Multimessenger Observations of a Neutron Star Merger. Annual Review of Astronomy and Astrophysics, 2021, 59, 155-202.	24.3	66
23	SN 2014C: VLBI image shows a shell structure and decelerated expansion. Monthly Notices of the Royal Astronomical Society, 2021, 502, 1694-1701.	4.4	7
24	The Broadband Counterpart of the Short GRB 200522A at zÂ=Â0.5536: A Luminous Kilonova or a Collimated Outflow with a Reverse Shock?. Astrophysical Journal, 2021, 906, 127.	4.5	48
25	A Late-time Galaxy-targeted Search for the Radio Counterpart of GW190814. Astrophysical Journal, 2021, 923, 66.	4.5	16
26	Luminous Late-time Radio Emission from Supernovae Detected by the Karl G. Jansky Very Large Array Sky Survey (VLASS). Astrophysical Journal Letters, 2021, 923, L24.	8.3	13
27	ATâ€‰2018cow VLBI: no long-lived relativistic outflow. Monthly Notices of the Royal Astronomical Society, 2020, 491, 4735-4741.	4.4	25
28	The Tidal Disruption Event ATâ€‰2018hyz II: Light-curve modelling of a partially disrupted star. Monthly Notices of the Royal Astronomical Society, 2020, 497, 1925-1934.	4.4	25
29	A Mildly Relativistic Outflow from the Energetic, Fast-rising Blue Optical Transient CSS161010 in a Dwarf Galaxy. Astrophysical Journal Letters, 2020, 895, L23.	8.3	70
30	Variability in Short Gamma-Ray Bursts: Gravitationally Unstable Tidal Tails. Astrophysical Journal Letters, 2020, 896, L38.	8.3	10
31	An extremely energetic supernova from a very massive star in a dense medium. Nature Astronomy, 2020, 4, 893-899.	10.1	31
32	Ca hnk: The Calcium-rich Transient Supernova 2016hnk from a Helium Shell Detonation of a Sub-Chandrasekhar White Dwarf. Astrophysical Journal, 2020, 896, 165.	4.5	19
33	SN 2019ehk: A Double-peaked Ca-rich Transient with Luminous X-Ray Emission and Shock-ionized Spectral Features. Astrophysical Journal, 2020, 898, 166.	4.5	48
34	Star Formation and Morphological Properties of Galaxies in the Pan-STARRS 3Ï€ Survey. I. A Machine-learning Approach to Galaxy and Supernova Classification. Astrophysical Journal, 2020, 902, 60.	4.5	10
35	Progenitors of Type IIb Supernovae. II. Observable Properties. Astrophysical Journal, 2020, 903, 70.	4.5	11
36	Photometric Classification of 2315 Pan-STARRS1 Supernovae with Superphot. Astrophysical Journal, 2020, 905, 93.	4.5	15

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37	SuperRAENN: A Semisupervised Supernova Photometric Classification Pipeline Trained on Pan-STARRS1 Medium-Deep Survey Supernovae. Astrophysical Journal, 2020, 905, 94.	4.5	43
38	X-Ray Emission from GW170817 â^¼2.5 years After the Merger. Research Notes of the AAS, 2020, 4, 68.	0.7	10
39	Six Years of Luminous X-Ray Emission from the Strongly Interacting Type-Ib SN2014C Captured by Chandra and NuSTAR. Research Notes of the AAS, 2020, 4, 235.	0.7	5
40	Impact of Rubin Observatory LSST Template Acquisition Strategies on Early Science from the Transients and Variable Stars Science Collaboration: Time-critical Science Cases. Research Notes of the AAS, 2020, 4, 41.	0.7	2
41	Constraints on the Environment and Energetics of the Broad-line Ic SN2014ad from Deep Radio and X-Ray Observations. Astrophysical Journal, 2019, 879, 89.	4.5	3
42	The tidal disruption event AT2017eqx: spectroscopic evolution from hydrogen rich to poor suggests an atmosphere and outflow. Monthly Notices of the Royal Astronomical Society, 2019, 488, 1878-1893.	4.4	49
43	The Optical Afterglow of GW170817: An Off-axis Structured Jet and Deep Constraints on a Globular Cluster Origin. Astrophysical Journal Letters, 2019, 883, L1.	8.3	69
44	Follow-up of the Neutron Star Bearing Gravitational-wave Candidate Events S190425z and S190426c with MMT and SOAR. Astrophysical Journal Letters, 2019, 880, L4.	8.3	63
45	SN 2016coi (ASASSN-16fp): An Energetic H-stripped Core-collapse Supernova from a Massive Stellar Progenitor with Large Mass Loss. Astrophysical Journal, 2019, 883, 147.	4.5	22
46	ALMA Detection of a Linearly Polarized Reverse Shock in GRB 190114C. Astrophysical Journal Letters, 2019, 878, L26.	8.3	45
47	PS1-13cbe: the rapid transition of a Seyfert 2 to a Seyfert 1. Monthly Notices of the Royal Astronomical Society, 2019, 487, 4057-4070.	4.4	7
48	An Unexpectedly Small Emission Region Size Inferred from Strong High-frequency Diffractive Scintillation in GRB 161219B. Astrophysical Journal, 2019, 870, 67.	4.5	12
49	A Hydrogen-poor Superluminous Supernova with Enhanced Iron-group Absorption: A New Link between SLSNe and Broad-lined Type Ic SNe. Astrophysical Journal, 2019, 872, 90.	4.5	23
50	An Embedded X-Ray Source Shines through the Aspherical ATÂ2018cow: Revealing the Inner Workings of the Most Luminous Fast-evolving Optical Transients. Astrophysical Journal, 2019, 872, 18.	4.5	160
51	High-energy Emission from Interacting Supernovae: New Constraints on Cosmic-Ray Acceleration in Dense Circumstellar Environments. Astrophysical Journal, 2019, 874, 80.	4.5	38
52	A Search for Optical Emission from Binary Black Hole Merger GW170814 with the Dark Energy Camera. Astrophysical Journal Letters, 2019, 873, L24.	8.3	14
53	A cumulative search for hard X/Î³-ray emission associated with fast radio bursts in Fermi/GBM data. Astronomy and Astrophysics, 2019, 631, A62.	5.1	16
54	Two Years of Nonthermal Emission from the Binary Neutron Star Merger GW170817: Rapid Fading of the Jet Afterglow and First Constraints on the Kilonova Fastest Ejecta. Astrophysical Journal Letters, 2019, 886, L17.	8.3	117

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55	A Search for Gamma-Ray Prompt Emission Associated with the Lorimer Burst FRB 010724. Astrophysical Journal, 2019, 882, 100.	4.5	13
56	A Galaxy-targeted Search for the Optical Counterpart of the Candidate NSâ€“BH Merger S190814bv with Magellan. Astrophysical Journal Letters, 2019, 884, L55.	8.3	50
57	A Reverse Shock in GRB 181201A. Astrophysical Journal, 2019, 884, 121.	4.5	37
58	Peculiar Supernovae. Space Sciences Series of ISSI, 2019, , 147-171.	0.0	0
59	Is an LSST ToO Mode Necessary for Kilonova Discovery?. Research Notes of the AAS, 2019, 3, 11.	0.7	0
60	The Binary Neutron Star Event LIGO/Virgo GW170817 160 Days after Merger: Synchrotron Emission across the Electromagnetic Spectrum. Astrophysical Journal Letters, 2018, 856, L18.	8.3	258
61	Constraints on the Progenitor System of SN 2016gkg from a Comprehensive Statistical Analysis. Astrophysical Journal Letters, 2018, 852, L17.	8.3	13
62	An Empirical Study of Contamination in Deep, Rapid, and Wide-field Optical Follow-up of Gravitational Wave Events. Astrophysical Journal, 2018, 858, 18.	4.5	10
63	Radio Monitoring of the Tidal Disruption Event Swift J164449.3+573451. III. Late-time Jet Energetics and a Deviation from Equipartition. Astrophysical Journal, 2018, 854, 86.	4.5	54
64	Strong Evidence against a Non-degenerate Companion in SN 2012cg. Astrophysical Journal, 2018, 855, 6.	4.5	56
65	A Precise Distance to the Host Galaxy of the Binary Neutron Star Merger GW170817 Using Surface Brightness Fluctuations^{âˆ—}. Astrophysical Journal Letters, 2018, 854, L31.	8.3	99
66	The Type I Superluminous Supernova PS16aqv: Lightcurve Complexity and Deep Limits on Radioactive Ejecta in a Fast Event. Astrophysical Journal, 2018, 865, 9.	4.5	25
67	Unveiling the engines of fast radio bursts, superluminous supernovae, and gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2407-2426.	4.4	68
68	Results from a Systematic Survey of X-Ray Emission from Hydrogen-poor Superluminous SNe. Astrophysical Journal, 2018, 864, 45.	4.5	47
69	A Decline in the X-Ray through Radio Emission from GW170817 Continues to Support an Off-axis Structured Jet. Astrophysical Journal Letters, 2018, 863, L18.	8.3	138
70	A Search For Pulsations in the Optical Light Curve of the Nova ASASSN-17hx. Astrophysical Journal, 2018, 869, 7.	4.5	3
71	Where is the Engine Hiding Its Missing Energy? Constraints from a Deep X-Ray Non-detection of the Superluminous SN 2015bn*. Astrophysical Journal Letters, 2018, 868, L32.	8.3	13
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73	One Thousand Days of SN2015bn: HST Imaging Shows a Light Curve Flattening Consistent with Magnetar Predictions. Astrophysical Journal Letters, 2018, 866, L24.	8.3	34
74	Jets in Hydrogen-poor Superluminous Supernovae: Constraints from a Comprehensive Analysis of Radio Observations. Astrophysical Journal, 2018, 856, 56.	4.5	30
75	Evidence for a Pulsar Wind Nebula in the Type Ib Peculiar Supernova SN 2012au. Astrophysical Journal Letters, 2018, 864, L36.	8.3	22
76	SN 2014C: VLBI images of a supernova interacting with a circumstellar shell. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1756-1764.	4.4	17
77	The THESEUS space mission concept: science case, design and expected performances. Advances in Space Research, 2018, 62, 191-244.	2.6	133
78	Hydrogen-poor Superluminous Supernovae from the Pan-STARRS1 Medium Deep Survey. Astrophysical Journal, 2018, 852, 81.	4.5	88
79	Spitzer Space Telescope Infrared Observations of the Binary Neutron Star Merger GW170817. Astrophysical Journal Letters, 2018, 862, L11.	8.3	30
80	First ALMA Light Curve Constrains Refreshed Reverse Shocks and Jet Magnetization in GRB 161219B. Astrophysical Journal, 2018, 862, 94.	4.5	32
81	Peculiar Supernovae. Space Science Reviews, 2018, 214, 1.	8.1	7
82	A VLA Study of High-redshift GRBs. I. Multiwavelength Observations and Modeling of GRB 140311A. Astrophysical Journal, 2018, 858, 65.	4.5	20
83	A VLA Study of High-redshift GRBs. II. The Complex Radio Afterglow of GRB 140304A: Shell Collisions and Two Reverse Shocks. Astrophysical Journal, 2018, 859, 134.	4.5	24
84	An Open Catalog for Supernova Data. Astrophysical Journal, 2017, 835, 64.	4.5	334
85	Ejection of the Massive Hydrogen-rich Envelope Timed with the Collapse of the Stripped SN 2014C. Astrophysical Journal, 2017, 835, 140.	4.5	129
86	X-Rays from the Location of the Double-humped Transient ASASSN-15lh. Astrophysical Journal, 2017, 836, 25.	4.5	51
87	Flares in gamma-ray bursts: disc fragmentation and evolution. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4399-4407.	4.4	17
88	iPTF15eqv: Multiwavelength ExposÃ© of a Peculiar Calcium-rich Transient. Astrophysical Journal, 2017, 846, 50.	4.5	30
89	The Transition of a Type IIL Supernova into a Supernova Remnant: Late-time Observations of SN 2013by. Astrophysical Journal, 2017, 848, 5.	4.5	10
90	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. II. UV, Optical, and Near-infrared Light Curves and Comparison to Kilonova Models. Astrophysical Journal Letters, 2017, 848, L17.	8.3	656

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91	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. III. Optical and UV Spectra of a Blue Kilonova from Fast Polar Ejecta. Astrophysical Journal Letters, 2017, 848, L18.	8.3	327
92	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. IV. Detection of Near-infrared Signatures of r-process Nucleosynthesis with Gemini-South. Astrophysical Journal Letters, 2017, 848, L19.	8.3	390
93	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. V. Rising X-Ray Emission from an Off-axis Jet. Astrophysical Journal Letters, 2017, 848, L20.	8.3	313
94	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. VIII. A Comparison to Cosmological Short-duration Gamma-Ray Bursts. Astrophysical Journal Letters, 2017, 848, L23.	8.3	103
95	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. VII. Properties of the Host Galaxy and Constraints on the Merger Timescale. Astrophysical Journal Letters, 2017, 848, L22.	8.3	107
96	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. I. Discovery of the Optical Counterpart Using the Dark Energy Camera. Astrophysical Journal Letters, 2017, 848, L16.	8.3	392
97	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. VI. Radio Constraints on a Relativistic Jet and Predictions for Late-time Emission from the Kilonova Ejecta. Astrophysical Journal Letters, 2017, 848, L21.	8.3	266
98	Endurance of SN 2005ip after a decade: X-rays, radio and HÎ± like SN 1988Z require long-lived pre-supernova mass-loss. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3021-3034.	4.4	52
99	TRES survey of variable diffuse interstellar bands. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2835-2844.	4.4	5
100	PS16dtm: A Tidal Disruption Event in a Narrow-line Seyfert 1 Galaxy. Astrophysical Journal, 2017, 843, 106.	4.5	125
101	An Ultraviolet Excess in the Superluminous Supernova Gaia16apd Reveals a Powerful Central Engine. Astrophysical Journal Letters, 2017, 835, L8.	8.3	63
102	The Superluminous Supernova SN 2017egm in the Nearby Galaxy NGC 3191: A Metal-rich Environment Can Support a Typical SLSN Evolution. Astrophysical Journal Letters, 2017, 845, L8.	8.3	51
103	The Combined Ultraviolet, Optical, and Near-infrared Light Curves of the Kilonova Associated with the Binary Neutron Star Merger GW170817: Unified Data Set, Analytic Models, and Physical Implications. Astrophysical Journal Letters, 2017, 851, L21.	8.3	369
104	Improved Constraints on H₀ from a Combined Analysis of Gravitational-wave and Electromagnetic Emission from GW170817. Astrophysical Journal Letters, 2017, 851, L36.	8.3	85
105	The nearby Type Ibn supernova 2015G: signatures of asymmetry and progenitor constraints. Monthly Notices of the Royal Astronomical Society, 2017, 471, 4381-4397.	4.4	24
106	PS1-14bj: A HYDROGEN-POOR SUPERLUMINOUS SUPERNOVA WITH A LONG RISE AND SLOW DECAY. Astrophysical Journal, 2016, 831, 144.	4.5	68
107	A REVERSE SHOCK IN GRB 160509A. Astrophysical Journal, 2016, 833, 88.	4.5	63
108	Dead or Alive? Long-term evolution of SN 2015bh (SNhunt275). Monthly Notices of the Royal Astronomical Society, 2016, 463, 3894-3920.	4.4	57

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109	THE DOUBLE-PEAKED SN 2013ge: A TYPE Ib/c SN WITH AN ASYMMETRIC MASS EJECTION OR AN EXTENDED PROGENITOR ENVELOPE. Astrophysical Journal, 2016, 821, 57.	4.5	64
110	MULTI-MESSENGER TESTS FOR FAST-SPINNING NEWBORN PULSARS EMBEDDED IN STRIPPED-ENVELOPE SUPERNOVAE. Astrophysical Journal, 2016, 818, 94.	4.5	53
111	A DARK ENERGY CAMERA SEARCH FOR AN OPTICAL COUNTERPART TO THE FIRST ADVANCED LIGO GRAVITATIONAL WAVE EVENT GW150914. Astrophysical Journal Letters, 2016, 823, L33.	8.3	55
112	A DECAM SEARCH FOR AN OPTICAL COUNTERPART TO THE LIGO GRAVITATIONAL-WAVE EVENT GW151226. Astrophysical Journal Letters, 2016, 826, L29.	8.3	38
113	PROGENITORS OF TYPE IIb SUPERNOVAE IN THE LIGHT OF RADIO AND X-RAYS FROM SN 2013df. Astrophysical Journal, 2016, 818, 111.	4.5	47
114	THE AFTERGLOW AND EARLY-TYPE HOST GALAXY OF THE SHORT GRB 150101B AT zÂ=Â0.1343. Astrophysical Journal, 2016, 833, 151.	4.5	62
115	THE INTERMEDIATE LUMINOSITY OPTICAL TRANSIENT SN 2010DA: THE PROGENITOR, ERUPTION, AND AFTERMATH OF A PECULIAR SUPERGIANT HIGH-MASS X-RAY BINARY. Astrophysical Journal, 2016, 830, 11.	4.5	30
116	OPTICAL AND NEAR-INFRARED OBSERVATIONS OF SN 2013DX ASSOCIATED WITH GRB 130702A. Astrophysical Journal, 2016, 818, 79.	4.5	40
117	A DEEP SEARCH FOR PROMPT RADIO EMISSION FROM THERMONUCLEAR SUPERNOVAE WITH THE VERY LARGE ARRAY. Astrophysical Journal, 2016, 821, 119.	4.5	95
118	SN 2015bn: A DETAILED MULTI-WAVELENGTH VIEW OF A NEARBY SUPERLUMINOUS SUPERNOVA. Astrophysical Journal, 2016, 826, 39.	4.5	133
119	SUPERLUMINOUS SUPERNOVA SN 2015bn IN THE NEBULAR PHASE: EVIDENCE FOR THE ENGINE-POWERED EXPLOSION OF A STRIPPED MASSIVE STAR. Astrophysical Journal Letters, 2016, 828, L18.	8.3	88
120	HYDRODYNAMIC PROPERTIES OF GAMMA-RAY BURST OUTFLOWS DEDUCED FROM THE THERMAL COMPONENT. Astrophysical Journal, 2015, 813, 127.	4.5	30
121	ENERGY INJECTION IN GAMMA-RAY BURST AFTERGLOWS. Astrophysical Journal, 2015, 814, 1.	4.5	63
122	METAMORPHOSIS OF SN 2014C: DELAYED INTERACTION BETWEEN A HYDROGEN POOR CORE-COLLAPSE SUPERNOVA AND A NEARBY CIRCUMSTELLAR SHELL. Astrophysical Journal, 2015, 815, 120.	4.5	105
123	Ten years of Swift: A universal scaling for short and long gamma-ray bursts (EX,iso - EÎ³,iso - Epk). AIP Conference Proceedings, 2015, , .	0.4	0
124	GRB 140606B/iPTF14bfu: detection of shock-breakout emission from a cosmological Î³-ray burst?. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1535-1552.	4.4	28
125	A DECADE OF SHORT-DURATION GAMMA-RAY BURST BROADBAND AFTERGLOWS: ENERGETICS, CIRCUMBURST DENSITIES, AND JET OPENING ANGLES. Astrophysical Journal, 2015, 815, 102.	4.5	384
126	THE BROAD-LINED Type Ic SN 2012ap AND THE NATURE OF RELATIVISTIC SUPERNOVAE LACKING A GAMMA-RAY BURST DETECTION. Astrophysical Journal, 2015, 799, 51.	4.5	68

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127	A CLOSER LOOK AT THE FLUCTUATIONS IN THE BRIGHTNESS OF SN 2009IP DURING ITS LATE 2012 ERUPTION. Astronomical Journal, 2015, 149, 9.	4.7	25
128	TOWARD CHARACTERIZATION OF THE TYPE IIP SUPERNOVA PROGENITOR POPULATION: A STATISTICAL SAMPLE OF LIGHT CURVES FROM Pan-STARRS1. Astrophysical Journal, 2015, 799, 208.	4.5	149
129	DUST IN THE WIND: THE ROLE OF RECENT MASS LOSS IN LONG GAMMA-RAY BURSTS. Astrophysical Journal, 2015, 805, 159.	4.5	33
130	TYPE IIb SUPERNOVA 2013df ENTERING INTO AN INTERACTION PHASE: A LINK BETWEEN THE PROGENITOR AND THE MASS LOSS. Astrophysical Journal, 2015, 807, 35.	4.5	58
131	A COMMON STOCHASTIC PROCESS RULES GAMMA-RAY BURST PROMPT EMISSION AND X-RAY FLARES. Astrophysical Journal, 2015, 801, 57.	4.5	28
132	A MISSING-LINK IN THE SUPERNOVAâ€“GRB CONNECTION: THE CASE OF SN 2012ap. Astrophysical Journal, 2015, 805, 187.	4.5	43
133	RADIO OBSERVATIONS REVEAL A SMOOTH CIRCUMSTELLAR ENVIRONMENT AROUND THE EXTRAORDINARY TYPE Ib SUPERNOVA 2012au. Astrophysical Journal, 2014, 797, 2.	4.5	29
134	RAPIDLY EVOLVING AND LUMINOUS TRANSIENTS FROM PAN-STARRS1. Astrophysical Journal, 2014, 794, 23.	4.5	254
135	New constraints on gamma-ray burst jet geometry and relativistic shock physics. Monthly Notices of the Royal Astronomical Society, 2014, 438, 752-767.	4.4	25
136	SNÂ2011hs: a fast and faint Type IIb supernova from a supergiant progenitor. Monthly Notices of the Royal Astronomical Society, 2014, 439, 1807-1828.	4.4	54
137	GRB 120521C ATzâ^¼ 6 AND THE PROPERTIES OF HIGH-REDSHIFT Î³-RAY BURSTS. Astrophysical Journal, 2014, 781, 1.	4.5	71
138	A PANCHROMATIC VIEW OF THE RESTLESS SN 2009ip REVEALS THE EXPLOSIVE EJECTION OF A MASSIVE STAR ENVELOPE. Astrophysical Journal, 2014, 780, 21.	4.5	182
139	SHORT GRB 130603B: DISCOVERY OF A JET BREAK IN THE OPTICAL AND RADIO AFTERGLOWS, AND A MYSTERIOUS LATE-TIME X-RAY EXCESS. Astrophysical Journal, 2014, 780, 118.	4.5	142
140	INTERACTION BETWEEN THE BROAD-LINED TYPE Ic SUPERNOVA 2012ap AND CARRIERS OF DIFFUSE INTERSTELLAR BANDS. Astrophysical Journal Letters, 2014, 782, L5.	8.3	21
141	RELATIVISTIC SUPERNOVAE HAVE SHORTER-LIVED CENTRAL ENGINES OR MORE EXTENDED PROGENITORS: THE CASE OF SN 2012ap. Astrophysical Journal, 2014, 797, 107.	4.5	103
142	NO X-RAYS FROM THE VERY NEARBY TYPE Ia SN 2014J: CONSTRAINTS ON ITS ENVIRONMENT. Astrophysical Journal, 2014, 790, 52.	4.5	101
143	SN 2012au: A GOLDEN LINK BETWEEN SUPERLUMINOUS SUPERNOVAE AND THEIR LOWER-LUMINOSITY COUNTERPARTS. Astrophysical Journal Letters, 2013, 770, L38.	8.3	71
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146	DEMOGRAPHICS OF THE GALAXIES HOSTING SHORT-DURATION GAMMA-RAY BURSTS. Astrophysical Journal, 2013, 769, 56.	4.5	152
147	A REVERSE SHOCK IN GRB 130427A. Astrophysical Journal, 2013, 776, 119.	4.5	108
148	ILLUMINATING THE DARKEST GAMMA-RAY BURSTS WITH RADIO OBSERVATIONS. Astrophysical Journal, 2013, 767, 161.	4.5	27
149	GRB 091024A AND THE NATURE OF ULTRA-LONG GAMMA-RAY BURSTS. Astrophysical Journal, 2013, 778, 54.	4.5	69
150	THE SIGNATURE OF THE CENTRAL ENGINE IN THE WEAKEST RELATIVISTIC EXPLOSIONS: GRB 100316D. Astrophysical Journal, 2013, 778, 18.	4.5	71
151	RADIO MONITORING OF THE TIDAL DISRUPTION EVENT SWIFT J164449.3+573451. II. THE RELATIVISTIC JET SHUTS OFF AND A TRANSITION TO FORWARD SHOCK X-RAY/RADIO EMISSION. Astrophysical Journal, 2013, 767, 152.	4.5	115
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