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	Methods and results of an automatic analysis of a complete sample ofSwift-XRT observations of GRBs. Monthly Notices of the Royal Astronomical Society, 2009, 397, 1177-1201.	4.4	1,280
2	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
3	Broadband observations of the naked-eye Î³-ray burst GRBâ€‰080319B. Nature, 2008, 455, 183-188.	27.8	449
4	GRBâ€‰090423 at a redshift of zâ€‰â‰ˆâ€‰8.1. Nature, 2009, 461, 1258-1260.	27.8	397
5	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
6	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
7	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
8	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
9	An Open Catalog for Supernova Data. Astrophysical Journal, 2017, 835, 64.	4.5	334
10	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
11	Birth of a relativistic outflow in the unusual Î³-ray transient Swift J164449.3+573451. Nature, 2011, 476, 425-428.	27.8	326
12	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
13	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
14	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
15	RAPIDLY EVOLVING AND LUMINOUS TRANSIENTS FROM PAN-STARRS1. Astrophysical Journal, 2014, 794, 23.	4.5	254
16	Slowly fading super-luminous supernovae that are not pair-instability explosions. Nature, 2013, 502, 346-349.	27.8	226
17	The Metamorphosis of Supernova SN 2008D/XRF 080109: A Link Between Supernovae and GRBs/Hypernovae. Science, 2008, 321, 1185-1188.	12.6	191
18	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

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19	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
20	EVLA OBSERVATIONS CONSTRAIN THE ENVIRONMENT AND PROGENITOR SYSTEM OF Type Ia SUPERNOVA 2011fe. Astrophysical Journal, 2012, 750, 164.	4.5	154
21	DEMOGRAPHICS OF THE GALAXIES HOSTING SHORT-DURATION GAMMA-RAY BURSTS. Astrophysical Journal, 2013, 769, 56.	4.5	152
22	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
23	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
24	Unveiling the origin of X-ray flares in gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2010, 406, 2113-2148.	4.4	141
25	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
26	The THESEUS space mission concept: science case, design and expected performances. Advances in Space Research, 2018, 62, 191-244.	2.6	133
27	SN 2015bn: A DETAILED MULTI-WAVELENGTH VIEW OF A NEARBY SUPERLUMINOUS SUPERNOVA. Astrophysical Journal, 2016, 826, 39.	4.5	133
28	Ejection of the Massive Hydrogen-rich Envelope Timed with the Collapse of the Stripped SN 2014C. Astrophysical Journal, 2017, 835, 140.	4.5	129
29	PS16dtm: A Tidal Disruption Event in a Narrow-line Seyfert 1 Galaxy. Astrophysical Journal, 2017, 843, 106.	4.5	125
30	The prompt-afterglow connection in gamma-ray bursts: a comprehensive statistical analysis of Swift X-ray light curves. Monthly Notices of the Royal Astronomical Society, 2013, 428, 729-742.	4.4	123
31	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
32	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
33	A REVERSE SHOCK IN GRB 130427A. Astrophysical Journal, 2013, 776, 119.	4.5	108
34	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
35	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
36	Lag-luminosity relation in Î³-ray burst X-ray flares: a direct link to the prompt emission. Monthly Notices of the Royal Astronomical Society, 2010, 406, 2149-2167.	4.4	104

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37	THE FAST AND FURIOUS DECAY OF THE PECULIAR TYPE Ic SUPERNOVA 2005ek. Astrophysical Journal, 2013, 774, 58.	4.5	104
38	RELATIVISTIC SUPERNOVAE HAVE SHORTER-LIVED CENTRAL ENGINES OR MORE EXTENDED PROGENITORS: THE CASE OF SN 2012ap. Astrophysical Journal, 2014, 797, 107.	4.5	103
39	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
40	A JET BREAK IN THE X-RAY LIGHT CURVE OF SHORT GRB 111020A: IMPLICATIONS FOR ENERGETICS AND RATES. Astrophysical Journal, 2012, 756, 189.	4.5	101
41	NO X-RAYS FROM THE VERY NEARBY TYPE Ia SN 2014J: CONSTRAINTS ON ITS ENVIRONMENT. Astrophysical Journal, 2014, 790, 52.	4.5	101
42	INVERSE COMPTON X-RAY EMISSION FROM SUPERNOVAE WITH COMPACT PROGENITORS: APPLICATION TO SN2011fe. Astrophysical Journal, 2012, 751, 134.	4.5	99
43	A Precise Distance to the Host Galaxy of the Binary Neutron Star Merger GW170817 Using Surface Brightness Fluctuations^{â^—}. Astrophysical Journal Letters, 2018, 854, L31.	8.3	99
44	A DEEP SEARCH FOR PROMPT RADIO EMISSION FROM THERMONUCLEAR SUPERNOVAE WITH THE VERY LARGE ARRAY. Astrophysical Journal, 2016, 821, 119.	4.5	95
45	PANCHROMATIC OBSERVATIONS OF SN 2011dh POINT TO A COMPACT PROGENITOR STAR. Astrophysical Journal, 2012, 752, 78.	4.5	94
46	A SPECTROSCOPIC STUDY OF TYPE Ibc SUPERNOVA HOST GALAXIES FROM UNTARGETED SURVEYS. Astrophysical Journal, 2012, 758, 132.	4.5	94
47	PHOTOSPHERIC EMISSION AS THE DOMINANT RADIATION MECHANISM IN LONG-DURATION GAMMA-RAY BURSTS. Astrophysical Journal, 2013, 765, 103.	4.5	91
48	Hydrogen-poor Superluminous Supernovae from the Pan-STARRS1 Medium Deep Survey. Astrophysical Journal, 2018, 852, 81.	4.5	88
49	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
50	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
51	The optical afterglows and host galaxies of three short/hard gamma-ray bursts. Astronomy and Astrophysics, 2009, 498, 711-721.	5.1	73
52	SN 2012au: A GOLDEN LINK BETWEEN SUPERLUMINOUS SUPERNOVAE AND THEIR LOWER-LUMINOSITY COUNTERPARTS. Astrophysical Journal Letters, 2013, 770, L38.	8.3	71
53	THE SIGNATURE OF THE CENTRAL ENGINE IN THE WEAKEST RELATIVISTIC EXPLOSIONS: GRB 100316D. Astrophysical Journal, 2013, 778, 18.	4.5	71
54	GRB 120521C ATzâ^¼ 6 AND THE PROPERTIES OF HIGH-REDSHIFT Î³-RAY BURSTS. Astrophysical Journal, 2014, 781, 1.	4.5	71

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55	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
56	GRB 091024A AND THE NATURE OF ULTRA-LONG GAMMA-RAY BURSTS. Astrophysical Journal, 2013, 778, 54.	4.5	69
57	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
58	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
59	PS1-14bj: A HYDROGEN-POOR SUPERLUMINOUS SUPERNOVA WITH A LONG RISE AND SLOW DECAY. Astrophysical Journal, 2016, 831, 144.	4.5	68
60	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
61	First Multimessenger Observations of a Neutron Star Merger. Annual Review of Astronomy and Astrophysics, 2021, 59, 155-202.	24.3	66
62	On the average gamma-ray burst X-ray flaring activity. Monthly Notices of the Royal Astronomical Society, 2011, 410, 1064-1075.	4.4	65
63	MULTI-WAVELENGTH OBSERVATIONS OF SUPERNOVA 2011ei: TIME-DEPENDENT CLASSIFICATION OF TYPE IIb AND Ib SUPERNOVAE AND IMPLICATIONS FOR THEIR PROGENITORS. Astrophysical Journal, 2013, 767, 71.	4.5	64
64	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
65	ENERGY INJECTION IN GAMMA-RAY BURST AFTERGLOWS. Astrophysical Journal, 2015, 814, 1.	4.5	63
66	A REVERSE SHOCK IN GRB 160509A. Astrophysical Journal, 2016, 833, 88.	4.5	63
67	An Ultraviolet Excess in the Superluminous Supernova Gaia16apd Reveals a Powerful Central Engine. Astrophysical Journal Letters, 2017, 835, L8.	8.3	63
68	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
69	THE AFTERGLOW AND EARLY-TYPE HOST GALAXY OF THE SHORT GRB 150101B AT zÂ=Â0.1343. Astrophysical Journal, 2016, 833, 151.	4.5	62
70	X-ray flare candidates in short gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2011, 417, 2144-2160.	4.4	60
71	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
72	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

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73	ULTRALUMINOUS SUPERNOVAE AS A NEW PROBE OF THE INTERSTELLAR MEDIUM IN DISTANT GALAXIES. Astrophysical Journal Letters, 2012, 755, L29.	8.3	57
74	Dead or Alive? Long-term evolution of SN 2015bh (SNhunt275). Monthly Notices of the Royal Astronomical Society, 2016, 463, 3894-3920.	4.4	57
75	Strong Evidence against a Non-degenerate Companion in SN 2012cg. Astrophysical Journal, 2018, 855, 6.	4.5	56
76	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
77	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
78	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
79	Gamma-ray burst long lasting X-ray flaring activity. Astronomy and Astrophysics, 2011, 526, A27.	5.1	53
80	MULTI-MESSENGER TESTS FOR FAST-SPINNING NEWBORN PULSARS EMBEDDED IN STRIPPED-ENVELOPE SUPERNOVAE. Astrophysical Journal, 2016, 818, 94.	4.5	53
81	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
82	The Young Supernova Experiment: Survey Goals, Overview, and Operations. Astrophysical Journal, 2021, 908, 143.	4.5	52
83	X-Rays from the Location of the Double-humped Transient ASASSN-15lh. Astrophysical Journal, 2017, 836, 25.	4.5	51
84	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
85	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
86	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
87	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
88	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
89	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
90	PS1-12sk IS A PECULIAR SUPERNOVA FROM A He-RICH PROGENITOR SYSTEM IN A BRIGHTEST CLUSTER GALAXY ENVIRONMENT. Astrophysical Journal, 2013, 769, 39.	4.5	47

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91	PROGENITORS OF TYPE IIb SUPERNOVAE IN THE LIGHT OF RADIO AND X-RAYS FROM SN 2013df. Astrophysical Journal, 2016, 818, 111.	4.5	47
92	Results from a Systematic Survey of X-Ray Emission from Hydrogen-poor Superluminous SNe. Astrophysical Journal, 2018, 864, 45.	4.5	47
93	Gamma-ray burst optical light-curve zoo: comparison with X-ray observations. Astronomy and Astrophysics, 2013, 557, A12.	5.1	45
94	ALMA Detection of a Linearly Polarized Reverse Shock in GRB 190114C. Astrophysical Journal Letters, 2019, 878, L26.	8.3	45
95	A MISSING-LINK IN THE SUPERNOVAâ€“GRB CONNECTION: THE CASE OF SN 2012ap. Astrophysical Journal, 2015, 805, 187.	4.5	43
96	SuperRAENN: A Semisupervised Supernova Photometric Classification Pipeline Trained on Pan-STARRS1 Medium-Deep Survey Supernovae. Astrophysical Journal, 2020, 905, 94.	4.5	43
97	THE AFTERGLOW AND ULIRG HOST GALAXY OF THE DARK SHORT GRB 120804A. Astrophysical Journal, 2013, 765, 121.	4.5	41
98	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
99	OPTICAL AND NEAR-INFRARED OBSERVATIONS OF SN 2013DX ASSOCIATED WITH GRB 130702A. Astrophysical Journal, 2016, 818, 79.	4.5	40
100	The X-ray light curve of gamma-ray bursts: clues to the central engine. Astronomy and Astrophysics, 2012, 539, A3.	5.1	39
101	A DECAM SEARCH FOR AN OPTICAL COUNTERPART TO THE LIGO GRAVITATIONAL-WAVE EVENT GW151226. Astrophysical Journal Letters, 2016, 826, L29.	8.3	38
102	High-energy Emission from Interacting Supernovae: New Constraints on Cosmic-Ray Acceleration in Dense Circumstellar Environments. Astrophysical Journal, 2019, 874, 80.	4.5	38
103	A Reverse Shock in GRB 181201A. Astrophysical Journal, 2019, 884, 121.	4.5	37
104	GRBâ€ƒ081028 and its late-time afterglow re-brightening. Monthly Notices of the Royal Astronomical Society, 2010, 402, 46-64.	4.4	36
105	The host galaxy of GRBâ€‰031203: a new spectroscopic study. Astronomy and Astrophysics, 2007, 474, 815-826.	5.1	35
106	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
107	DUST IN THE WIND: THE ROLE OF RECENT MASS LOSS IN LONG GAMMA-RAY BURSTS. Astrophysical Journal, 2015, 805, 159.	4.5	33
108	First ALMA Light Curve Constrains Refreshed Reverse Shocks and Jet Magnetization in GRB 161219B. Astrophysical Journal, 2018, 862, 94.	4.5	32

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109	An extremely energetic supernova from a very massive star in a dense medium. Nature Astronomy, 2020, 4, 893-899.	10.1	31
110	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
111	HYDRODYNAMIC PROPERTIES OF GAMMA-RAY BURST OUTFLOWS DEDUCED FROM THE THERMAL COMPONENT. Astrophysical Journal, 2015, 813, 127.	4.5	30
112	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
113	iPTF15eqv: Multiwavelength ExposÃ© of a Peculiar Calcium-rich Transient. Astrophysical Journal, 2017, 846, 50.	4.5	30
114	Jets in Hydrogen-poor Superluminous Supernovae: Constraints from a Comprehensive Analysis of Radio Observations. Astrophysical Journal, 2018, 856, 56.	4.5	30
115	Spitzer Space Telescope Infrared Observations of the Binary Neutron Star Merger GW170817. Astrophysical Journal Letters, 2018, 862, L11.	8.3	30
116	RADIO OBSERVATIONS REVEAL A SMOOTH CIRCUMSTELLAR ENVIRONMENT AROUND THE EXTRAORDINARY TYPE Ib SUPERNOVA 2012au. Astrophysical Journal, 2014, 797, 2.	4.5	29
117	Radio and X-Ray Observations of the Luminous Fast Blue Optical Transient AT 2020xnd. Astrophysical Journal, 2022, 926, 112.	4.5	29
118	THE AFTERGLOW AND ENVIRONMENT OF THE SHORT GRB 111117A. Astrophysical Journal, 2012, 756, 63.	4.5	28
119	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
120	A COMMON STOCHASTIC PROCESS RULES GAMMA-RAY BURST PROMPT EMISSION AND X-RAY FLARES. Astrophysical Journal, 2015, 801, 57.	4.5	28
121	ILLUMINATING THE DARKEST GAMMA-RAY BURSTS WITH RADIO OBSERVATIONS. Astrophysical Journal, 2013, 767, 161.	4.5	27
122	The Early Phases of Supernova 2020pni: Shock Ionization of the Nitrogen-enriched Circumstellar Material. Astrophysical Journal, 2022, 926, 20.	4.5	27
123	Average power density spectrum of Swift long gamma-ray bursts in the observer and in the source-rest frames. Monthly Notices of the Royal Astronomical Society, 2012, 422, 1785-1803.	4.4	26
124	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
125	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
126	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

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127	ATâ€‰2018cow VLBI: no long-lived relativistic outflow. Monthly Notices of the Royal Astronomical Society, 2020, 491, 4735-4741.	4.4	25
128	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
129	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
130	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
131	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
132	Evidence for a Pulsar Wind Nebula in the Type Ib Peculiar Supernova SN 2012au. Astrophysical Journal Letters, 2018, 864, L36.	8.3	22
133	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
134	An Early-time Optical and Ultraviolet Excess in the Type-Ic SN 2020oi. Astrophysical Journal, 2022, 924, 55.	4.5	22
135	INTERACTION BETWEEN THE BROAD-LINED TYPE Ic SUPERNOVA 2012ap AND CARRIERS OF DIFFUSE INTERSTELLAR BANDS. Astrophysical Journal Letters, 2014, 782, L5.	8.3	21
136	Target-of-opportunity Observations of Gravitational-wave Events with Vera C. Rubin Observatory. Astrophysical Journal, Supplement Series, 2022, 260, 18.	7.7	21
137	A VLA Study of High-redshift GRBs. I. Multiwavelength Observations and Modeling of GRB 140311A. Astrophysical Journal, 2018, 858, 65.	4.5	20
138	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
139	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
140	Flares in gamma-ray bursts: disc fragmentation and evolution. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4399-4407.	4.4	17
141	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
142	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
143	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
144	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

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145	A Late-time Galaxy-targeted Search for the Radio Counterpart of GW190814. Astrophysical Journal, 2021, 923, 66.	4.5	16
146	Photometric Classification of 2315 Pan-STARRS1 Supernovae with Superphot. Astrophysical Journal, 2020, 905, 93.	4.5	15
147	The Circumstellar Environments of Double-peaked, Calcium-strong Transients 2021gno and 2021inl. Astrophysical Journal, 2022, 932, 58.	4.5	15
148	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
149	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
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