

# Brian D Metzger

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4631605/publications.pdf>

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188  
papers

20,640  
citations

8181

76  
h-index

10158

140  
g-index

191  
all docs

191  
docs citations

191  
times ranked

7851  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electromagnetic counterparts of compact object mergers powered by the radioactive decay of r-process nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 406, 2650-2662.	4.4	881
2	Origin of the heavy elements in binary neutron-star mergers from a gravitational-wave event. <i>Nature</i> , 2017, 551, 80-84.	27.8	814
3	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. <i>Astrophysical Journal Letters</i> , 2017, 848, L17.	8.3	656
4	Constraining the Maximum Mass of Neutron Stars from Multi-messenger Observations of GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L19.	8.3	631
5	The protomagnetar model for gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 2031-2056.	4.4	493
6	WHAT IS THE MOST PROMISING ELECTROMAGNETIC COUNTERPART OF A NEUTRON STAR BINARY MERGER?. <i>Astrophysical Journal</i> , 2012, 746, 48.	4.5	461
7	A Possible Relativistic Jetted Outburst from a Massive Black Hole Fed by a Tidally Disrupted Star. <i>Science</i> , 2011, 333, 203-206.	12.6	448
8	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. I. Discovery of the Optical Counterpart Using the Dark Energy Camera. <i>Astrophysical Journal Letters</i> , 2017, 848, L16.	8.3	392
9	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. <i>Astrophysical Journal Letters</i> , 2017, 848, L19.	8.3	390
10	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. <i>Astrophysical Journal Letters</i> , 2017, 851, L21.	8.3	369
11	Signatures of magnetar central engines in short GRB light curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 1061-1087.	4.4	361
12	Assisted inspirals of stellar mass black holes embedded in AGN discs: solving the "final parsec problem". <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 946-954.	4.4	335
13	Kilonovae. <i>Living Reviews in Relativity</i> , 2017, 20, 3.	26.7	334
14	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. <i>Astrophysical Journal Letters</i> , 2017, 848, L18.	8.3	327
15	Red or blue? A potential kilonova imprint of the delay until black hole formation following a neutron star merger. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 3444-3453.	4.4	320
16	The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/Virgo GW170817. V. Rising X-Ray Emission from an Off-axis Jet. <i>Astrophysical Journal Letters</i> , 2017, 848, L20.	8.3	313
17	Short-duration gamma-ray bursts with extended emission from protomagnetar spin-down. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 1455-1460.	4.4	310
18	Delayed outflows from black hole accretion tori following neutron star binary coalescence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 502-517.	4.4	285

#	ARTICLE	IF	CITATIONS
19	A faint type of supernova from a white dwarf with a helium-rich companion. <i>Nature</i> , 2010, 465, 322-325.	27.8	273
20	Fast radio bursts as synchrotron maser emission from decelerating relativistic blast waves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 4091-4106.	4.4	271
21	Millisecond Magnetar Birth Connects FRB 121102 to Superluminous Supernovae and Long-duration Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2017, 841, 14.	4.5	269
22	Kilonovae. <i>Living Reviews in Relativity</i> , 2020, 23, 1.	26.7	268
23	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. <i>Astrophysical Journal Letters</i> , 2017, 848, L21.	8.3	266
24	Kilonova light curves from the disc wind outflows of compact object mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 1777-1786.	4.4	264
25	The Binary Neutron Star Event LIGO/Virgo GW170817 160 Days after Merger: Synchrotron Emission across the Electromagnetic Spectrum. <i>Astrophysical Journal Letters</i> , 2018, 856, L18.	8.3	258
26	Rates of stellar tidal disruption as probes of the supermassive black hole mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 859-883.	4.4	254
27	Collapsars as a major source of r-process elements. <i>Nature</i> , 2019, 569, 241-244.	27.8	234
28	Three-Dimensional General-Relativistic Magnetohydrodynamic Simulations of Remnant Accretion Disks from Neutron Star Mergers: Outflows and $r$ -Process Nucleosynthesis. <i>Physical Review Letters</i> , 2017, 119, 231102.	7.8	225
29	Optical and X-ray emission from stable millisecond magnetars formed from the merger of binary neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 3916-3930.	4.4	219
30	Short gamma-ray bursts with extended emission from magnetar birth: jet formation and collimation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 1537-1545.	4.4	212
31	The diversity of transients from magnetar birth in core collapse supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 3311-3316.	4.4	209
32	A bright year for tidal disruptions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 948-966.	4.4	184
33	Constraining Stellar-mass Black Hole Mergers in AGN Disks Detectable with LIGO. <i>Astrophysical Journal</i> , 2018, 866, 66.	4.5	184
34	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
35	A Magnetar Origin for the Kilonova Ejecta in GW170817. <i>Astrophysical Journal</i> , 2018, 856, 101.	4.5	168
36	GRB 080503: IMPLICATIONS OF A NAKED SHORT GAMMA-RAY BURST DOMINATED BY EXTENDED EMISSION. <i>Astrophysical Journal</i> , 2009, 696, 1871-1885.	4.5	167

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37	Three-dimensional GRMHD Simulations of Neutrino-cooled Accretion Disks from Neutron Star Mergers. <i>Astrophysical Journal</i> , 2018, 858, 52.	4.5	166
38	Multimessenger Bayesian parameter inference of a binary neutron star merger. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 489, L91-L96.	3.3	163
39	Electromagnetic Signatures of Neutron Star Mergers in the Advanced LIGO Era. <i>Annual Review of Nuclear and Particle Science</i> , 2016, 66, 23-45.	10.2	162
40	An Embedded X-Ray Source Shines through the Aspherical AT2018cow: Revealing the Inner Workings of the Most Luminous Fast-evolving Optical Transients. <i>Astrophysical Journal</i> , 2019, 872, 18.	4.5	160
41	Constraints on the neutron star equation of state from AT2017gfo using radiative transfer simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 3871-3878.	4.4	157
42	Signatures of hypermassive neutron star lifetimes on r-process nucleosynthesis in the disc ejecta from neutron star mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 904-918.	4.4	152
43	Magnetized relativistic jets and long-duration GRBs from magnetar spin-down during core-collapse supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 2038-2050.	4.4	148
44	Production of the entire range of $r$ -process nuclides by black hole accretion disc outflows from neutron star mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 2323-2334.	4.4	147
45	A radio jet from the optical and x-ray bright stellar tidal disruption flare ASASSN-14li. <i>Science</i> , 2016, 351, 62-65.	12.6	146
46	SHORT GRB 130603B: DISCOVERY OF A JET BREAK IN THE OPTICAL AND RADIO AFTERGLOWS, AND A MYSTERIOUS LATE-TIME X-RAY EXCESS. <i>Astrophysical Journal</i> , 2014, 780, 118.	4.5	142
47	A Concordance Picture of FRB 121102 as a Flaring Magnetar Embedded in a Magnetized Ionized Electron Wind Nebula. <i>Astrophysical Journal Letters</i> , 2018, 868, L4.	8.3	142
48	Swift J1644+57 gone MAD: the case for dynamically important magnetic flux threading the black hole in a jetted tidal disruption event. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 2744-2760.	4.4	141
49	Neutron-powered precursors of kilonovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 1115-1120.	4.4	141
50	A Decline in the X-Ray through Radio Emission from GW170817 Continues to Support an Off-axis Structured Jet. <i>Astrophysical Journal Letters</i> , 2018, 863, L18.	8.3	138
51	SN 2015bn: A DETAILED MULTI-WAVELENGTH VIEW OF A NEARBY SUPERLUMINOUS SUPERNOVA. <i>Astrophysical Journal</i> , 2016, 826, 39.	4.5	133
52	Proto-Neutron Star Winds with Magnetic Fields and Rotation. <i>Astrophysical Journal</i> , 2007, 659, 561-579.	4.5	131
53	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. <i>Astrophysical Journal Letters</i> , 2019, 886, L17.	8.3	117
54	Time-dependent models of accretion discs formed from compact object mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, , .	4.4	115

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55	Outflows from accretion discs formed in neutron star mergers: effect of black hole spin. Monthly Notices of the Royal Astronomical Society, 2015, 446, 750-758.	4.4	115
56	$r$ -process nucleosynthesis: connecting rare-isotope beam facilities with the cosmos. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 083001.	3.6	115
57	Ionization break-out from millisecond pulsar wind nebulae: an X-ray probe of the origin of superluminous supernovae. Monthly Notices of the Royal Astronomical Society, 2014, 437, 703-720.	4.4	112
58	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
59	Implications of a Fast Radio Burst from a Galactic Magnetar. Astrophysical Journal Letters, 2020, 899, L27.	8.3	106
60	Relativistic jets and long-duration gamma-ray bursts from the birth of magnetars. Monthly Notices of the Royal Astronomical Society: Letters, 2008, 383, L25-L29.	3.3	105
61	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
62	Neutron-rich freeze-out in viscously spreading accretion discs formed from compact object mergers. Monthly Notices of the Royal Astronomical Society, 2009, 396, 304-314.	4.4	97
63	MAGNETAR-DRIVEN SHOCK BREAKOUT AND DOUBLE-PEAKED SUPERNOVA LIGHT CURVES. Astrophysical Journal, 2016, 821, 36.	4.5	96
64	Fast Radio Bursts from Magnetars Born in Binary Neutron Star Mergers and Accretion Induced Collapse. Astrophysical Journal, 2019, 886, 110.	4.5	96
65	Empirical Constraints on the Origin of Fast Radio Bursts: Volumetric Rates and Host Galaxy Demographics as a Test of Millisecond Magnetar Connection. Astrophysical Journal, 2017, 843, 84.	4.5	95
66	Magnetar-driven bubbles and the origin of collimated outflows in gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2007, 380, 1541-1553.	4.4	93
67	Cool and luminous transients from mass-losing binary stars. Monthly Notices of the Royal Astronomical Society, 2016, 455, 4351-4372.	4.4	93
68	Nuclear-dominated accretion and subluminous supernovae from the merger of a white dwarf with a neutron star or black hole. Monthly Notices of the Royal Astronomical Society, 2012, 419, 827-840.	4.4	91
69	On the Conditions for Neutron-rich Gamma-ray Burst Outflows. Astrophysical Journal, 2008, 676, 1130-1150.	4.5	88
70	Binary stellar mergers with marginally bound ejecta: excretion discs, inflated envelopes, outflows, and their luminous transients. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2527-2539.	4.4	87
71	The Multi-messenger Matrix: The Future of Neutron Star Merger Constraints on the Nuclear Equation of State. Astrophysical Journal Letters, 2019, 880, L15.	8.3	86
72	Optical and X-ray transients from planet-star mergers. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2778-2798.	4.4	85

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73	Fingerprints of Heavy-Element Nucleosynthesis in the Late-Time Lightcurves of Kilonovae. <i>Physical Review Letters</i> , 2019, 122, 062701.	7.8	84
74	Effects of Fallback Accretion on Protomagnetar Outflows in Gamma-Ray Bursts and Superluminous Supernovae. <i>Astrophysical Journal</i> , 2018, 857, 95.	4.5	82
75	Late-time UV Observations of Tidal Disruption Flares Reveal Unobscured, Compact Accretion Disks. <i>Astrophysical Journal</i> , 2019, 878, 82.	4.5	82
76	The effects of $r$ -process heating on fallback accretion in compact object mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 2771-2777.	4.4	78
77	EXTRAGALACTIC SYNCHROTRON TRANSIENTS IN THE ERA OF WIDE-FIELD RADIO SURVEYS. I. DETECTION RATES AND LIGHT CURVE CHARACTERISTICS. <i>Astrophysical Journal</i> , 2015, 806, 224.	4.5	76
78	Constraints on long-lived remnants of neutron star binary mergers from late-time radio observations of short duration gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 1821-1827.	4.4	71
79	Pre-explosion Spiral Mass Loss of a Binary Star Merger. <i>Astrophysical Journal</i> , 2017, 850, 59.	4.5	70
80	Nickel-rich outflows from accretion discs formed by the accretion-induced collapse of white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 1659-1664.	4.4	69
81	Gamma-ray novae as probes of relativistic particle acceleration at non-relativistic shocks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2739-2748.	4.4	69
82	The Optical Afterglow of GW170817: An Off-axis Structured Jet and Deep Constraints on a Globular Cluster Origin. <i>Astrophysical Journal Letters</i> , 2019, 883, L1.	8.3	69
83	Unveiling the engines of fast radio bursts, superluminous supernovae, and gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2407-2426.	4.4	68
84	Periodicity in recurrent fast radio bursts and the origin of ultralong period magnetars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3390-3401.	4.4	68
85	Shock-powered light curves of luminous red novae as signatures of pre-dynamical mass-loss in stellar mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 3200-3211.	4.4	67
86	New Insights into Classical Novae. <i>Annual Review of Astronomy and Astrophysics</i> , 2021, 59, 391-444.	24.3	65
87	Shocks in nova outflows – I. Thermal emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 713-731.	4.4	64
88	An Ultraviolet Excess in the Superluminous Supernova Gaia16apd Reveals a Powerful Central Engine. <i>Astrophysical Journal Letters</i> , 2017, 835, L8.	8.3	63
89	Nickel-rich outflows produced by the accretion-induced collapse of white dwarfs: light curves and spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 409, 846-854.	4.4	62
90	A nova outburst powered by shocks. <i>Nature Astronomy</i> , 2017, 1, 697-702.	10.1	61

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91	High-energy Neutrinos from Millisecond Magnetars Formed from the Merger of Binary Neutron Stars. <i>Astrophysical Journal</i> , 2017, 849, 153.	4.5	60
92	Constraints on the engines of fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 4627-4644.	4.4	59
93	Direct evidence for shock-powered optical emission in a nova. <i>Nature Astronomy</i> , 2020, 4, 776-780.	10.1	58
94	NUCLEAR DOMINATED ACCRETION FLOWS IN TWO DIMENSIONS. I. TORUS EVOLUTION WITH PARAMETRIC MICROPHYSICS. <i>Astrophysical Journal</i> , 2013, 763, 108.	4.5	55
95	A DARK ENERGY CAMERA SEARCH FOR AN OPTICAL COUNTERPART TO THE FIRST ADVANCED LIGO GRAVITATIONAL WAVE EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 823, L33.	8.3	55
96	The GRBâ€“SLSN connection: misaligned magnetars, weak jet emergence, and observational signatures. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 2659-2674.	4.4	55
97	Implications from Late-time X-Ray Detections of Optically Selected Tidal Disruption Events: State Changes, Unification, and Detection Rates. <i>Astrophysical Journal</i> , 2020, 889, 166.	4.5	55
98	Periodic Fast Radio Bursts from Luminous X-ray Binaries. <i>Astrophysical Journal</i> , 2021, 917, 13.	4.5	55
99	RADIO CONSTRAINTS ON LONG-LIVED MAGNETAR REMNANTS IN SHORT GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2016, 831, 141.	4.5	54
100	Time-dependent models of accretion discs with nuclear burning following the tidal disruption of a white dwarf by a neutron star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 1154-1176.	4.4	54
101	Evaporation and accretion of extrasolar comets following white dwarf kicks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 188-206.	4.4	53
102	SUPERLUMINOUS X-RAYS FROM A SUPERLUMINOUS SUPERNOVA. <i>Astrophysical Journal</i> , 2013, 771, 136.	4.5	51
103	X-Rays from the Location of the Double-humped Transient ASASSN-15lh. <i>Astrophysical Journal</i> , 2017, 836, 25.	4.5	51
104	Theoretical Models of Optical Transients. I. A Broad Exploration of the Durationâ€“Luminosity Phase Space. <i>Astrophysical Journal</i> , 2017, 849, 70.	4.5	51
105	Magnetism, X-rays and accretion rates in WDâ€“1145+017 and other polluted white dwarf systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 947-960.	4.4	51
106	Secular dimming of KIC 8462852 following its consumption of a planet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4399-4407.	4.4	50
107	The Broadband Counterpart of the Short GRB 200522A at $z=0.5536$ : A Luminous Kilonova or a Collimated Outflow with a Reverse Shock?. <i>Astrophysical Journal</i> , 2021, 906, 127.	4.5	48
108	Does the Collapse of a Supramassive Neutron Star Leave a Debris Disk?. <i>Physical Review Letters</i> , 2015, 115, 171101.	7.8	47

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109	Results from a Systematic Survey of X-Ray Emission from Hydrogen-poor Superluminous SNe. <i>Astrophysical Journal</i> , 2018, 864, 45.	4.5	47
110	Pair fireball precursors of neutron star mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 4435-4440.	4.4	46
111	Interacting Stellar EMRIs as Sources of Quasi-periodic Eruptions in Galactic Nuclei. <i>Astrophysical Journal</i> , 2022, 926, 101.	4.5	45
112	Merger of a white dwarf–neutron star binary to 10 <sup>29</sup> carat diamonds: origin of the pulsar planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 2790-2803.	4.4	44
113	Discovery of the Luminous, Decades-long, Extragalactic Radio Transient FIRST J141918.9+394036. <i>Astrophysical Journal Letters</i> , 2018, 866, L22.	8.3	44
114	Early Spectral Evolution of Classical Novae: Consistent Evidence for Multiple Distinct Outflows. <i>Astrophysical Journal</i> , 2020, 905, 62.	4.5	43
115	Heavy nuclei synthesized in gamma-ray burst outflows as the source of ultrahigh energy cosmic rays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 2495-2504.	4.4	42
116	Thawing the frozen-in approximation: implications for self-gravity in deeply plunging tidal disruption events. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 485, L146-L150.	3.3	42
117	The Stellar Merger Scenario for Black Holes in the Pair-instability Gap. <i>Astrophysical Journal Letters</i> , 2020, 904, L13.	8.3	41
118	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. <i>Astrophysical Journal Letters</i> , 2022, 927, L17.	8.3	41
119	A Radio Source Coincident with the Superluminous Supernova PTF10hgi: Evidence for a Central Engine and an Analog of the Repeating FRB 121102?. <i>Astrophysical Journal Letters</i> , 2019, 876, L10.	8.3	40
120	Luminous Fast Blue Optical Transients and Type Ibn/Icn SNe from Wolf-Rayet/Black Hole Mergers. <i>Astrophysical Journal</i> , 2022, 932, 84.	4.5	40
121	A DECAM SEARCH FOR AN OPTICAL COUNTERPART TO THE LIGO GRAVITATIONAL-WAVE EVENT GW151226. <i>Astrophysical Journal Letters</i> , 2016, 826, L29.	8.3	38
122	Constraints on millisecond magnetars as the engines of prompt emission in gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 3058-3073.	4.4	37
123	The Delay Time Distribution of Tidal Disruption Flares. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	36
124	Imprints of r-process heating on fall-back accretion: distinguishing black hole–neutron star from double neutron star mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 4404-4412.	4.4	35
125	A Program for Multimessenger Standard Siren Cosmology in the Era of LIGO A+, Rubin Observatory, and Beyond. <i>Astrophysical Journal Letters</i> , 2021, 908, L4.	8.3	35
126	Shock-powered radio precursors of neutron star mergers from accelerating relativistic binary winds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 3184-3202.	4.4	35



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127	One Thousand Days of SN2015bn: HST Imaging Shows a Light Curve Flattening Consistent with Magnetar Predictions. <i>Astrophysical Journal Letters</i> , 2018, 866, L24.	8.3	34
128	Novae as Tevatrons: prospects for CTA and IceCube. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1786-1795.	4.4	33
129	Radiative shocks create environments for dust formation in classical novae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 1314-1329.	4.4	33
130	On the Origin of the Multi-GeV Photons from the Closest Burst with Intermediate Luminosity: GRB 190829A. <i>Astrophysical Journal</i> , 2021, 918, 12.	4.5	32
131	A Late-time Radio Survey of Short Gamma-ray Bursts at $z \lesssim 0.5$ : New Constraints on the Remnants of Neutron-star Mergers. <i>Astrophysical Journal</i> , 2020, 902, 82.	4.5	31
132	Neutrino-heated winds from rotating protomagnetars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 3537-3558.	4.4	30
133	LATE TIME MULTI-WAVELENGTH OBSERVATIONS OF SWIFT J1644+5734: A LUMINOUS OPTICAL/IR BUMP AND QUIESCENT X-RAY EMISSION. <i>Astrophysical Journal</i> , 2016, 819, 51.	4.5	30
134	Multimessenger Implications of AT2018cow: High-energy Cosmic-Ray and Neutrino Emissions from Magnetar-powered Superluminous Transients. <i>Astrophysical Journal</i> , 2019, 878, 34.	4.5	30
135	Periodic Accretion-powered Flares from Colliding EMRIs as TDE Imposters. <i>Astrophysical Journal</i> , 2017, 844, 75.	4.5	29
136	High-energy Neutrinos and Gamma Rays from Nonrelativistic Shock-powered Transients. <i>Astrophysical Journal</i> , 2020, 904, 4.	4.5	29
137	Radio and X-Ray Observations of the Luminous Fast Blue Optical Transient AT 2020xnd. <i>Astrophysical Journal</i> , 2022, 926, 112.	4.5	29
138	A Detailed Observational Analysis of V1324 Sco, the Most Gamma-Ray-luminous Classical Nova to Date. <i>Astrophysical Journal</i> , 2018, 852, 108.	4.5	28
139	Nuclear-dominated accretion flows in two dimensions – II. Ejecta dynamics and nucleosynthesis for CO and ONe white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 259-279.	4.4	28
140	Non-thermal radio emission from colliding flows in classical nova V1723 Aql. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 887-901.	4.4	27
141	High-energy Emission from Nonrelativistic Radiative Shocks: Application to Gamma-Ray Novae. <i>Astrophysical Journal</i> , 2018, 852, 62.	4.5	27
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