Brian D Metzger

List of Publications by Year
in descending order

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	Late-time Evolution and Modeling of the Off-axis Gamma-Ray Burst Candidate FIRST J141918.9+394036. Astrophysical Journal, 2022, 924, 16.	4.5	7
2	A Toy Model for the Timeâ€“Frequency Structure of Fast Radio Bursts: Implications for the CHIME/FRB Burst Dichotomy. Astrophysical Journal, 2022, 925, 135.	4.5	5
3	Interacting Stellar EMRIs as Sources of Quasi-periodic Eruptions in Galactic Nuclei. Astrophysical Journal, 2022, 926, 101.	4.5	45
4	Radio and X-Ray Observations of the Luminous Fast Blue Optical Transient AT 2020xnd. Astrophysical Journal, 2022, 926, 112.	4.5	29
5	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
6	X-Ray Emission from Candidate Stellar Merger Remnant TYC 2597-735-1 and Its Blue Ring Nebula. Astronomical Journal, 2022, 163, 173.	4.7	0
7	Evidence for a compact object in the aftermath of the extragalactic transient AT2018cow. Nature Astronomy, 2022, 6, 249-258.	10.1	23
8	The first nova eruption in a novalike variable: YZâ€‰Ret as seen in X-rays and Î³-rays. Monthly Notices of the Royal Astronomical Society, 2022, 514, 2239-2258.	4.4	9
9	Luminous Fast Blue Optical Transients and Type Ibn/Icn SNe from Wolf-Rayet/Black Hole Mergers. Astrophysical Journal, 2022, 932, 84.	4.5	40
10	Three-dimensional General-relativistic Simulations of Neutrino-driven Winds from Rotating Proto-neutron Stars. Astrophysical Journal, 2022, 931, 104.	4.5	7
11	Bumpy Declining Light Curves Are Common in Hydrogen-poor Superluminous Supernovae. Astrophysical Journal, 2022, 933, 14.	4.5	23
12	A Program for Multimessenger Standard Siren Cosmology in the Era of LIGO A+, Rubin Observatory, and Beyond. Astrophysical Journal Letters, 2021, 908, L4.	8.3	35
13	Reconstructing Masses of Merging Neutron Stars from Stellar r-process Abundance Signatures. Astrophysical Journal, 2021, 909, 21.	4.5	13
14	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
15	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
16	From Neutrino- to Photon-cooled in Three Years: Can Fallback Accretion Explain the X-Ray Excess in GW170817?. Astrophysical Journal Letters, 2021, 916, L3.	8.3	16
17	Gamma-Ray Thermalization and Leakage from Millisecond Magnetar Nebulae: Toward a Self-consistent Model for Superluminous Supernovae. Astrophysical Journal, 2021, 917, 77.	4.5	27
18	Periodic Fast Radio Bursts from Luminous X-ray Binaries. Astrophysical Journal, 2021, 917, 13.	4.5	55

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19	On the Origin of the Multi-GeV Photons from the Closest Burst with Intermediate Luminosity: GRB 190829A. Astrophysical Journal, 2021, 918, 12.	4.5	32
20	Probing Kilonova Ejecta Properties Using a Catalog of Short Gamma-Ray Burst Observations. Astrophysical Journal, 2021, 916, 89.	4.5	20
21	New Insights into Classical Novae. Annual Review of Astronomy and Astrophysics, 2021, 59, 391-444.	24.3	65
22	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
23	Shock-powered radio precursors of neutron star mergers from accelerating relativistic binary winds. Monthly Notices of the Royal Astronomical Society, 2021, 501, 3184-3202.	4.4	35
24	Resolving the Fastest Ejecta from Binary Neutron Star Mergers: Implications for Electromagnetic Counterparts. Astrophysical Journal, 2021, 921, 161.	4.5	11
25	Classical Novae at Radio Wavelengths. Astrophysical Journal, Supplement Series, 2021, 257, 49.	7.7	12
26	The Gravity Collective: A Search for the Electromagnetic Counterpart to the Neutron Starâ€“Black Hole Merger GW190814. Astrophysical Journal, 2021, 923, 258.	4.5	19
27	A Late-time Galaxy-targeted Search for the Radio Counterpart of GW190814. Astrophysical Journal, 2021, 923, 66.	4.5	16
28	Transients from the Cataclysmic Deaths of Cataclysmic Variables. Astrophysical Journal, 2021, 923, 100.	4.5	13
29	Kilonovae. Living Reviews in Relativity, 2020, 23, 1.	26.7	268
30	Internal shocks from variable outflows in classical novae. Monthly Notices of the Royal Astronomical Society, 2020, 491, 4232-4246.	4.4	15
31	A blue ring nebula from a stellar merger several thousand years ago. Nature, 2020, 587, 387-391.	27.8	9
32	Electromagnetic transients and gravitational waves from white dwarf disruptions by stellar black holes in triple systems. Monthly Notices of the Royal Astronomical Society, 2020, 495, 1061-1072.	4.4	7
33	X-ray spectroscopy of the Î³-ray brightest nova V906â€‰Car (ASASSN-18fv). Monthly Notices of the Royal Astronomical Society, 2020, 497, 2569-2585.	4.4	15
34	Constraints on the engines of fast radio bursts. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4627-4644.	4.4	59
35	Periodicity in recurrent fast radio bursts and the origin of ultralong period magnetars. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3390-3401.	4.4	68
36	Variability in Short Gamma-Ray Bursts: Gravitationally Unstable Tidal Tails. Astrophysical Journal Letters, 2020, 896, L38.	8.3	10

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37	Implications from Late-time X-Ray Detections of Optically Selected Tidal Disruption Events: State Changes, Unification, and Detection Rates. Astrophysical Journal, 2020, 889, 166.	4.5	55
38	Direct evidence for shock-powered optical emission in a nova. Nature Astronomy, 2020, 4, 776-780.	10.1	58
39	Nuclear burning in collapsar accretion discs. Monthly Notices of the Royal Astronomical Society, 2020, 499, 4097-4113.	4.4	21
40	Wandering Massive Black Holes or Analogs of the First Repeating Fast Radio Burst?. Astrophysical Journal, 2020, 895, 98.	4.5	11
41	A Late-time Radio Survey of Short Gamma-ray Bursts at zÂ <Â 0.5: New Constraints on the Remnants of Neutron-star Mergers. Astrophysical Journal, 2020, 902, 82.	4.5	31
42	High-energy Neutrinos and Gamma Rays from Nonrelativistic Shock-powered Transients. Astrophysical Journal, 2020, 904, 4.	4.5	29
43	Early Spectral Evolution of Classical Novae: Consistent Evidence for Multiple Distinct Outflows. Astrophysical Journal, 2020, 905, 62.	4.5	43
44	Fermi-LAT Observations of V549 Vel 2017: A Subluminous Gamma-Ray Nova?. Astrophysical Journal, 2020, 905, 114.	4.5	7
45	Implications of a Fast Radio Burst from a Galactic Magnetar. Astrophysical Journal Letters, 2020, 899, L27.	8.3	106
46	Neutrino Counterparts of Fast Radio Bursts. Astrophysical Journal Letters, 2020, 902, L22.	8.3	11
47	The Stellar Merger Scenario for Black Holes in the Pair-instability Gap. Astrophysical Journal Letters, 2020, 904, L13.	8.3	41
48	A Radio Source Coincident with the Superluminous Supernova PTF10hgi: Evidence for a Central Engine and an Analog of the Repeating FRB 121102?. Astrophysical Journal Letters, 2019, 876, L10.	8.3	40
49	Lessons from the light of a neutron star merger. Annals of Physics, 2019, 410, 167923.	2.8	5
50	Finding the Remnants of the Milky Way's Last Neutron Star Mergers. Astrophysical Journal, 2019, 880, 23.	4.5	26
51	Nuclear-dominated accretion flows in two dimensions â€“ II. Ejecta dynamics and nucleosynthesis for CO and ONe white dwarfs. Monthly Notices of the Royal Astronomical Society, 2019, 488, 259-279.	4.4	28
52	Late-time UV Observations of Tidal Disruption Flares Reveal Unobscured, Compact Accretion Disks^{â^—}. Astrophysical Journal, 2019, 878, 82.	4.5	82
53	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
54	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

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55	Multimessenger Bayesian parameter inference of a binary neutron star merger. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 489, L91-L96.	3.3	163
56	Orphaned exomoons: Tidal detachment and evaporation following an exoplanetâ€“star collision. Monthly Notices of the Royal Astronomical Society, 2019, 489, 5119-5135.	4.4	8
57	Imprints of r-process heating on fall-back accretion: distinguishing black holeâ€“neutron star from double neutron star mergers. Monthly Notices of the Royal Astronomical Society, 2019, 485, 4404-4412.	4.4	35
58	Multimessenger Implications of AT2018cow: High-energy Cosmic-Ray and Neutrino Emissions from Magnetar-powered Superluminous Transients. Astrophysical Journal, 2019, 878, 34.	4.5	30
59	Collapsars as a major source of r-process elements. Nature, 2019, 569, 241-244.	27.8	234
60	Thawing the frozen-in approximation: implications for self-gravity in deeply plunging tidal disruption events. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 485, L146-L150.	3.3	42
61	NuSTAR Detection of X-Rays Concurrent with Gamma-Rays in the Nova V5855 Sgr. Astrophysical Journal, 2019, 872, 86.	4.5	22
62	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
63	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
64	Fast radio bursts as synchrotron maser emission from decelerating relativistic blast waves. Monthly Notices of the Royal Astronomical Society, 2019, 485, 4091-4106.	4.4	271
65	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
66	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
67	Fingerprints of Heavy-Element Nucleosynthesis in the Late-Time Lightcurves of Kilonovae. Physical Review Letters, 2019, 122, 062701.	7.8	84
68	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
69	Fast Radio Bursts from Magnetars Born in Binary Neutron Star Mergers and Accretion Induced Collapse. Astrophysical Journal, 2019, 886, 110.	4.5	96
70	Magnetized environs of a repeating radio burst. Nature Astronomy, 2018, 2, 192-193.	10.1	2
71	Magnetism, X-rays and accretion rates in WDâ€‰1145+017 and other polluted white dwarf systems. Monthly Notices of the Royal Astronomical Society, 2018, 474, 947-960.	4.4	51
72	The GRBâ€“SLSN connection: misaligned magnetars, weak jet emergence, and observational signatures. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2659-2674.	4.4	55

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73	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
74	A Detailed Observational Analysis of V1324 Sco, the Most Gamma-Ray-luminous Classical Nova to Date. Astrophysical Journal, 2018, 852, 108.	4.5	28
75	High-energy Emission from Nonrelativistic Radiative Shocks: Application to Gamma-Ray Novae. Astrophysical Journal, 2018, 852, 62.	4.5	27
76	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
77	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
78	Constraints on the neutron star equation of state from AT2017gfo using radiative transfer simulations. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3871-3878.	4.4	157
79	Results from a Systematic Survey of X-Ray Emission from Hydrogen-poor Superluminous SNe. Astrophysical Journal, 2018, 864, 45.	4.5	47
80	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
81	A Concordance Picture of FRB 121102 as a Flaring Magnetar Embedded in a Magnetized Ionâ€“Electron Wind Nebula. Astrophysical Journal Letters, 2018, 868, L4.	8.3	142
82	A Search For Pulsations in the Optical Light Curve of the Nova ASASSN-17hx. Astrophysical Journal, 2018, 869, 7.	4.5	3
83	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
84	Discovery of the Luminous, Decades-long, Extragalactic Radio Transient FIRST J141918.9+394036. Astrophysical Journal Letters, 2018, 866, L22.	8.3	44
85	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
86	Constraining Stellar-mass Black Hole Mergers in AGN Disks Detectable with LIGO. Astrophysical Journal, 2018, 866, 66.	4.5	184
87	A generalized Bondi accretion model for the galactic centre. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4778-4785.	4.4	8
88	A Magnetar Origin for the Kilonova Ejecta in GW170817. Astrophysical Journal, 2018, 856, 101.	4.5	168
89	Three-dimensional GRMHD Simulations of Neutrino-cooled Accretion Disks from Neutron Star Mergers. Astrophysical Journal, 2018, 858, 52.	4.5	166
90	Effects of Fallback Accretion on Protomagnetar Outflows in Gamma-Ray Bursts and Superluminous Supernovae. Astrophysical Journal, 2018, 857, 95.	4.5	82

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91	Merger of a white dwarfâ€“neutron star binary to 10²⁹carat diamonds: origin of the pulsar planets. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2790-2803.	4.4	44
92	X-Rays from the Location of the Double-humped Transient ASASSN-15lh. Astrophysical Journal, 2017, 836, 25.	4.5	51
93	Millisecond Magnetar Birth Connects FRB 121102 to Superluminous Supernovae and Long-duration Gamma-Ray Bursts. Astrophysical Journal, 2017, 841, 14.	4.5	269
94	Kilonovae. Living Reviews in Relativity, 2017, 20, 3.	26.7	334
95	Origin of the heavy elements in binary neutron-star mergers from a gravitational-wave event. Nature, 2017, 551, 80-84.	27.8	814
96	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
97	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
98	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
99	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
100	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
101	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
102	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
103	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
104	Periodic Accretion-powered Flares from Colliding EMRIs as TDE Imposters. Astrophysical Journal, 2017, 844, 75.	4.5	29
105	Secular dimming of KIC 8462852 following its consumption of a planet. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4399-4407.	4.4	50
106	Signatures of hypermassive neutron star lifetimes on r-process nucleosynthesis in the disc ejecta from neutron star mergers. Monthly Notices of the Royal Astronomical Society, 2017, 472, 904-918.	4.4	152
107	Three-Dimensional General-Relativistic Magnetohydrodynamic Simulations of Remnant Accretion Disks from Neutron Star Mergers: Outflows and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>r</mml:mi></mml:math> -Process Nucleosynthesis. Physical Review Letters, 2017, 119, 231102.	7.8	225
108	Constraining the Maximum Mass of Neutron Stars from Multi-messenger Observations of GW170817. Astrophysical Journal Letters, 2017, 850, L19.	8.3	631

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109	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
110	Assisted inspirals of stellar mass black holes embedded in AGN discs: solving the â€˜final au problemâ€™. Monthly Notices of the Royal Astronomical Society, 2017, 464, 946-954.	4.4	335
111	Radiative shocks create environments for dust formation in classical novae. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1314-1329.	4.4	33
112	Late-time observations of the relativistic tidal disruption flare candidate Swift J1112.2â’8238. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4469-4479.	4.4	17
113	An Ultraviolet Excess in the Superluminous Supernova Gaia16apd Reveals a Powerful Central Engine. Astrophysical Journal Letters, 2017, 835, L8.	8.3	63
114	Shock-powered light curves of luminous red novae as signatures of pre-dynamical mass-loss in stellar mergers. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3200-3211.	4.4	67
115	Neutrino-heated winds from millisecond protomagnetars as sources of the weak r-process. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1522-1533.	4.4	25
116	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
117	High-energy Neutrinos from Millisecond Magnetars Formed from the Merger of Binary Neutron Stars. Astrophysical Journal, 2017, 849, 153.	4.5	60
118	Theoretical Models of Optical Transients. I. A Broad Exploration of the Durationâ€“Luminosity Phase Space. Astrophysical Journal, 2017, 849, 70.	4.5	51
119	Pre-explosion Spiral Mass Loss of a Binary Star Merger. Astrophysical Journal, 2017, 850, 59.	4.5	70
120	Constraints on millisecond magnetars as the engines of prompt emission in gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2017, 472, 3058-3073.	4.4	37
121	A nova outburst powered by shocks. Nature Astronomy, 2017, 1, 697-702.	10.1	61
122	RADIO CONSTRAINTS ON LONG-LIVED MAGNETAR REMNANTS IN SHORT GAMMA-RAY BURSTS. Astrophysical Journal, 2016, 831, 141.	4.5	54
123	Time-dependent models of accretion discs with nuclear burning following the tidal disruption of a white dwarf by a neutron star. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1154-1176.	4.4	54
124	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
125	Electromagnetic Signatures of Neutron Star Mergers in the Advanced LIGO Era. Annual Review of Nuclear and Particle Science, 2016, 66, 23-45.	10.2	162
126	MAGNETAR-DRIVEN SHOCK BREAKOUT AND DOUBLE-PEAKED SUPERNOVA LIGHT CURVES. Astrophysical Journal, 2016, 821, 36.	4.5	96

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127	Rates of stellar tidal disruption as probes of the supermassive black hole mass function. Monthly Notices of the Royal Astronomical Society, 2016, 455, 859-883.	4.4	254
128	Shocks in nova outflows â€“ II. Synchrotron radio emission. Monthly Notices of the Royal Astronomical Society, 2016, 463, 394-412.	4.4	20
129	A DECAM SEARCH FOR AN OPTICAL COUNTERPART TO THE LIGO GRAVITATIONAL-WAVE EVENT GW151226. Astrophysical Journal Letters, 2016, 826, L29.	8.3	38
130	Quark deconfinement and the duration of short gamma-ray bursts. Physical Review D, 2016, 93, .	4.7	25
131	Production of the entire range ofr-process nuclides by black hole accretion disc outflows from neutron star mergers. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2323-2334.	4.4	147
132	A bright year for tidal disruptions. Monthly Notices of the Royal Astronomical Society, 2016, 461, 948-966.	4.4	184
133	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
134	Pair fireball precursors of neutron star mergers. Monthly Notices of the Royal Astronomical Society, 2016, 461, 4435-4440.	4.4	46
135	SUPERNOVAE POWERED BY MAGNETARS THAT TRANSFORM INTO BLACK HOLES. Astrophysical Journal, 2016, 833, 64.	4.5	14
136	LATE TIME MULTI-WAVELENGTH OBSERVATIONS OF SWIFT J1644+5734: A LUMINOUS OPTICAL/IR BUMP AND QUIESCENT X-RAY EMISSION. Astrophysical Journal, 2016, 819, 51.	4.5	30
137	Cool and luminous transients from mass-losing binary stars. Monthly Notices of the Royal Astronomical Society, 2016, 455, 4351-4372.	4.4	93
138	Non-thermal radio emission from colliding flows in classical nova V1723 Aql. Monthly Notices of the Royal Astronomical Society, 2016, 457, 887-901.	4.4	27
139	Novae as Tevatrons: prospects for CTA and IceCube. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1786-1795.	4.4	33
140	A radio jet from the optical and x-ray bright stellar tidal disruption flare ASASSN-14li. Science, 2016, 351, 62-65.	12.6	146
141	SN 2015bn: A DETAILED MULTI-WAVELENGTH VIEW OF A NEARBY SUPERLUMINOUS SUPERNOVA. Astrophysical Journal, 2016, 826, 39.	4.5	133
142	Does the Collapse of a Supramassive Neutron Star Leave a Debris Disk?. Physical Review Letters, 2015, 115, 171101.	7.8	47
143	Neutron-powered precursors of kilonovae. Monthly Notices of the Royal Astronomical Society, 2015, 446, 1115-1120.	4.4	141
144	The diversity of transients from magnetar birth in core collapse supernovae. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3311-3316.	4.4	209

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145	Gamma-ray novae as probes of relativistic particle acceleration at non-relativistic shocks. Monthly Notices of the Royal Astronomical Society, 2015, 450, 2739-2748.	4.4	69
146	Evaporation and accretion of extrasolar comets following white dwarf kicks. Monthly Notices of the Royal Astronomical Society, 2015, 448, 188-206.	4.4	53
147	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
148	Kilonova light curves from the disc wind outflows of compact object mergers. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1777-1786.	4.4	264
149	EXTRAGALACTIC SYNCHROTRON TRANSIENTS IN THE ERA OF WIDE-FIELD RADIO SURVEYS. I. DETECTION RATES AND LIGHT CURVE CHARACTERISTICS. Astrophysical Journal, 2015, 806, 224.	4.5	76
150	Red or blue? A potential kilonova imprint of the delay until black hole formation following a neutron star merger. Monthly Notices of the Royal Astronomical Society, 2014, 441, 3444-3453.	4.4	320
151	Optical and X-ray emission from stable millisecond magnetars formed from the merger of binary neutron stars. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3916-3930.	4.4	219
152	Swift J1644+57 gone MAD: the case for dynamically important magnetic flux threading the black hole in a jetted tidal disruption event. Monthly Notices of the Royal Astronomical Society, 2014, 437, 2744-2760.	4.4	141
153	Neutrino-heated winds from rotating protomagnetars. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3537-3558.	4.4	30
154	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
155	Shocks in nova outflows â€“ I. Thermal emission. Monthly Notices of the Royal Astronomical Society, 2014, 442, 713-731.	4.4	64
156	Constraints on long-lived remnants of neutron star binary mergers from late-time radio observations of short duration gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2014, 437, 1821-1827.	4.4	71
157	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
158	X-ray decay lines from heavy nuclei in supernova remnants as a probe of the r-process origin and the birth periods of magnetars. Monthly Notices of the Royal Astronomical Society, 2014, 438, 3243-3254.	4.4	7
159	Delayed outflows from black hole accretion tori following neutron star binary coalescence. Monthly Notices of the Royal Astronomical Society, 2013, 435, 502-517.	4.4	285
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