

Enrico Ramirez-Ruiz

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187
papers

12,254
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59
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106
g-index

193
ext. papers

14,261
ext. citations

7.6
avg, IF

6.85
L-index

#	Paper	IF	Citations
187	Swope Supernova Survey 2017a (SSS17a), the optical counterpart to a gravitational wave source. <i>Science</i> , 2017 , 358, 1556-1558	33.3	616
186	Origin of the heavy elements in binary neutron-star mergers from a gravitational-wave event. <i>Nature</i> , 2017 , 551, 80-84	50.4	513
185	An optical supernova associated with the X-ray flash XRF 060218. <i>Nature</i> , 2006 , 442, 1011-3	50.4	398
184	First results from the IllustrisTNG simulations: a tale of two elements I: chemical evolution of magnesium and europium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 1206-1224	4.3	383
183	A possible relativistic jetted outburst from a massive black hole fed by a tidally disrupted star. <i>Science</i> , 2011 , 333, 203-6	33.3	380
182	Broadband observations of the naked-eye gamma-ray burst GRB 080319B. <i>Nature</i> , 2008 , 455, 183-8	50.4	377
181	A giant gamma-ray flare from the magnetar SGR 1806-20. <i>Nature</i> , 2005 , 434, 1107-9	50.4	372
180	Gamma-Ray Bursts in the Swift Era. <i>Annual Review of Astronomy and Astrophysics</i> , 2009 , 47, 567-617	31.7	367
179	Light curves of the neutron star merger GW170817/SSS17a: Implications for r-process nucleosynthesis. <i>Science</i> , 2017 , 358, 1570-1574	33.3	352
178	HYDRODYNAMICAL SIMULATIONS TO DETERMINE THE FEEDING RATE OF BLACK HOLES BY THE TIDAL DISRUPTION OF STARS: THE IMPORTANCE OF THE IMPACT PARAMETER AND STELLAR STRUCTURE. <i>Astrophysical Journal</i> , 2013 , 767, 25	4.7	294
177	ELECTROMAGNETIC TRANSIENTS POWERED BY NUCLEAR DECAY IN THE TIDAL TAILS OF COALESCING COMPACT BINARIES. <i>Astrophysical Journal Letters</i> , 2011 , 736, L21	7.9	250
176	The progenitors of short gamma-ray bursts. <i>New Journal of Physics</i> , 2007 , 9, 17-17	2.9	250
175	High-resolution calculations of merging neutron stars - III. Gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 345, 1077-1090	4.3	218
174	Events in the life of a cocoon surrounding a light, collapsar jet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002 , 337, 1349-1356	4.3	191
173	THE FORMATION OF ECCENTRIC COMPACT BINARY INSPIRALS AND THE ROLE OF GRAVITATIONAL WAVE EMISSION IN BINARY-SINGLE STELLAR ENCOUNTERS. <i>Astrophysical Journal</i> , 2014 , 784, 71	4.7	182
172	PS1-10jh: THE DISRUPTION OF A MAIN-SEQUENCE STAR OF NEAR-SOLAR COMPOSITION. <i>Astrophysical Journal</i> , 2014 , 783, 23	4.7	182
171	Early spectra of the gravitational wave source GW170817: Evolution of a neutron star merger. <i>Science</i> , 2017 , 358, 1574-1578	33.3	170

170	Electromagnetic evidence that SSS17a is the result of a binary neutron star merger. <i>Science</i> , 2017 , 358, 1583-1587	33.3	156
169	TIDAL DISRUPTION AND IGNITION OF WHITE DWARFS BY MODERATELY MASSIVE BLACK HOLES. <i>Astrophysical Journal</i> , 2009 , 695, 404-419	4.7	154
168	COLLISIONS OF WHITE DWARFS AS A NEW PROGENITOR CHANNEL FOR TYPE Ia SUPERNOVAE. <i>Astrophysical Journal</i> , 2009 , 705, L128-L132	4.7	149
167	THE HISTORY OF R-PROCESS ENRICHMENT IN THE MILKY WAY. <i>Astrophysical Journal</i> , 2015 , 807, 115	4.7	135
166	SURFACE DETONATIONS IN DOUBLE DEGENERATE BINARY SYSTEMS TRIGGERED BY ACCRETION STREAM INSTABILITIES. <i>Astrophysical Journal Letters</i> , 2010 , 709, L64-L69	7.9	135
165	CONSEQUENCES OF THE EJECTION AND DISRUPTION OF GIANT PLANETS. <i>Astrophysical Journal</i> , 2011 , 732, 74	4.7	130
164	New Physical Insights about Tidal Disruption Events from a Comprehensive Observational Inventory at X-Ray Wavelengths. <i>Astrophysical Journal</i> , 2017 , 838, 149	4.7	129
163	The White Dwarf Initial Final Mass Relation for Progenitor Stars from 0.85 to 7.5 M?. <i>Astrophysical Journal</i> , 2018 , 866, 21	4.7	124
162	Formation rates of core-collapse supernovae and gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004 , 348, 1215-1228	4.3	123
161	A DARK YEAR FOR TIDAL DISRUPTION EVENTS. <i>Astrophysical Journal</i> , 2015 , 809, 166	4.7	119
160	NECESSARY CONDITIONS FOR SHORT GAMMA-RAY BURST PRODUCTION IN BINARY NEUTRON STAR MERGERS. <i>Astrophysical Journal Letters</i> , 2014 , 788, L8	7.9	116
159	PRELUDE TO A DOUBLE DEGENERATE MERGER: THE ONSET OF MASS TRANSFER AND ITS IMPACT ON GRAVITATIONAL WAVES AND SURFACE DETONATIONS. <i>Astrophysical Journal</i> , 2011 , 737, 89	4.7	116
158	Eccentric Black Hole Mergers in Dense Star Clusters: The Role of Binary Encounters. <i>Astrophysical Journal</i> , 2019 , 871, 91	4.7	112
157	A Unified Model for Tidal Disruption Events. <i>Astrophysical Journal Letters</i> , 2018 , 859, L20	7.9	111
156	SHORT GAMMA-RAY BURSTS FROM DYNAMICALLY ASSEMBLED COMPACT BINARIES IN GLOBULAR CLUSTERS: PATHWAYS, RATES, HYDRODYNAMICS, AND COSMOLOGICAL SETTING. <i>Astrophysical Journal</i> , 2010 , 720, 953-975	4.7	109
155	PHASE TRANSITIONS AND He-SYNTHESIS-DRIVEN WINDS IN NEUTRINO COOLED ACCRETION DISKS: PROSPECTS FOR LATE FLARES IN SHORT GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2009 , 699, L93-L96	4.7	106
154	USING THE X-RAY MORPHOLOGY OF YOUNG SUPERNOVA REMNANTS TO CONSTRAIN EXPLOSION TYPE, EJECTA DISTRIBUTION, AND CHEMICAL MIXING. <i>Astrophysical Journal</i> , 2011 , 732, 114	4.7	105
153	Flows of X-ray gas reveal the disruption of a star by a massive black hole. <i>Nature</i> , 2015 , 526, 542-5	50.4	104

152	THE TIDAL DISRUPTION OF GIANT STARS AND THEIR CONTRIBUTION TO THE FLARING SUPERMASSIVE BLACK HOLE POPULATION. <i>Astrophysical Journal</i> , 2012 , 757, 134	4.7	102
151	THE X-RAY THROUGH OPTICAL FLUXES AND LINE STRENGTHS OF TIDAL DISRUPTION EVENTS. <i>Astrophysical Journal</i> , 2016 , 827, 3	4.7	98
150	A Neutron Star Binary Merger Model for GW170817/GRB 170817A/SSS17a. <i>Astrophysical Journal Letters</i> , 2017 , 848, L34	7.9	86
149	THE STAR INGESTING LUMINOSITY OF INTERMEDIATE-MASS BLACK HOLES IN GLOBULAR CLUSTERS. <i>Astrophysical Journal</i> , 2009 , 697, L77-L80	4.7	85
148	THE ROLE OF STELLAR FEEDBACK IN THE DYNAMICS OF H II REGIONS. <i>Astrophysical Journal</i> , 2014 , 795, 121	4.7	80
147	Jets, winds and bursts from coalescing neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002 , 336, L7-L11	4.3	80
146	How the merger of two white dwarfs depends on their mass ratio: orbital stability and detonations at contact. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 422, 2417-2428	4.3	79
145	THREE-DIMENSIONAL SIMULATIONS OF TIDALLY DISRUPTED SOLAR-TYPE STARS AND THE OBSERVATIONAL SIGNATURES OF SHOCK BREAKOUT. <i>Astrophysical Journal</i> , 2009 , 705, 844-853	4.7	79
144	Weighing Black Holes Using Tidal Disruption Events. <i>Astrophysical Journal</i> , 2019 , 872, 151	4.7	78
143	The fast, luminous ultraviolet transient AT2018cow: extreme supernova, or disruption of a star by an intermediate-mass black hole?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 1031-1049	4.3	78
142	ASYMMETRIC ACCRETION FLOWS WITHIN A COMMON ENVELOPE. <i>Astrophysical Journal</i> , 2015 , 803, 41	4.7	77
141	THE DYNAMICS, APPEARANCE, AND DEMOGRAPHICS OF RELATIVISTIC JETS TRIGGERED BY TIDAL DISRUPTION OF STARS IN QUIESCENT SUPERMASSIVE BLACK HOLES. <i>Astrophysical Journal</i> , 2012 , 760, 103	4.7	77
140	SIMULATIONS OF GAMMA-RAY BURST JETS IN A STRATIFIED EXTERNAL MEDIUM: DYNAMICS, AFTERGLOW LIGHT CURVES, JET BREAKS, AND RADIO CALORIMETRY. <i>Astrophysical Journal</i> , 2012 , 751, 57	4.7	75
139	The Properties of Short Gamma-Ray Burst Jets Triggered by Neutron Star Mergers. <i>Astrophysical Journal Letters</i> , 2017 , 835, L34	7.9	71
138	A LUMINOUS, FAST RISING UV-TRANSIENT DISCOVERED BY ROTSE: A TIDAL DISRUPTION EVENT?. <i>Astrophysical Journal</i> , 2015 , 798, 12	4.7	69
137	TYPING SUPERNOVA REMNANTS USING X-RAY LINE EMISSION MORPHOLOGIES. <i>Astrophysical Journal</i> , 2009 , 706, L106-L109	4.7	67
136	Significant and variable linear polarization during the prompt optical flash of GRB 160625B. <i>Nature</i> , 2017 , 547, 425-427	50.4	67
135	On the Assembly Rate of Highly Eccentric Binary Black Hole Mergers. <i>Astrophysical Journal Letters</i> , 2017 , 840, L14	7.9	66

134	Opaque or Transparent? A Link between Neutrino Optical Depths and the Characteristic Duration of Short Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2004 , 608, L5-L8	4-7	66
133	A Compact Binary Merger Model for the Short, Hard GRB 050509b. <i>Astrophysical Journal</i> , 2005 , 630, L165-L168	4-7	66
132	THE GALACTIC SUPERNOVA REMNANT W49B LIKELY ORIGINATES FROM A JET-DRIVEN, CORE-COLLAPSE EXPLOSION. <i>Astrophysical Journal</i> , 2013 , 764, 50	4-7	64
131	The Complete Evolution of a Neutron-star Binary through a Common Envelope Phase Using 1D Hydrodynamic Simulations. <i>Astrophysical Journal Letters</i> , 2019 , 883, L45	7-9	64
130	ON THE ACCRETION-FED GROWTH OF NEUTRON STARS DURING COMMON ENVELOPE. <i>Astrophysical Journal Letters</i> , 2015 , 798, L19	7-9	62
129	An Off-Axis Model of GRB 031203. <i>Astrophysical Journal</i> , 2005 , 625, L91-L94	4-7	59
128	Common Envelope Wind Tunnel: Coefficients of Drag and Accretion in a Simplified Context for Studying Flows around Objects Embedded within Stellar Envelopes. <i>Astrophysical Journal</i> , 2017 , 838, 56	4-7	58
127	THE FATE OF THE COMPACT REMNANT IN NEUTRON STAR MERGERS. <i>Astrophysical Journal</i> , 2015 , 812, 24	4-7	56
126	Lessons from the Onset of a Common Envelope Episode: the Remarkable M31 2015 Luminous Red Nova Outburst. <i>Astrophysical Journal</i> , 2017 , 835, 282	4-7	56
125	GAMMA-RAY BURST DYNAMICS AND AFTERGLOW RADIATION FROM ADAPTIVE MESH REFINEMENT, SPECIAL RELATIVISTIC HYDRODYNAMIC SIMULATIONS. <i>Astrophysical Journal</i> , 2012 , 746, 122	4-7	56
124	On the diversity of short gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 343, L36-L40	4-3	56
123	Gone with the wind: Where is the missing stellar wind energy from massive star clusters?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 442, 2701-2716	4-3	55
122	ILLUMINATING MASSIVE BLACK HOLES WITH WHITE DWARFS: ORBITAL DYNAMICS AND HIGH-ENERGY TRANSIENTS FROM TIDAL INTERACTIONS. <i>Astrophysical Journal</i> , 2014 , 794, 9	4-7	53
121	OPTICAL THERMONUCLEAR TRANSIENTS FROM TIDAL COMPRESSION OF WHITE DWARFS AS TRACERS OF THE LOW END OF THE MASSIVE BLACK HOLE MASS FUNCTION. <i>Astrophysical Journal</i> , 2016 , 819, 3	4-7	51
120	Precursors and e ⁺ pair loading from erupting fireballs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002 , 331, 197-202	4-3	49
119	OPTICAL TRANSIENTS FROM THE UNBOUND DEBRIS OF TIDAL DISRUPTION. <i>Astrophysical Journal</i> , 2010 , 714, 155-162	4-7	47
118	THE DISTRIBUTION OF COALESCING COMPACT BINARIES IN THE LOCAL UNIVERSE: PROSPECTS FOR GRAVITATIONAL-WAVE OBSERVATIONS. <i>Astrophysical Journal Letters</i> , 2010 , 725, L91-L96	7-9	47
117	Tidal Disruption Event Host Galaxies in the Context of the Local Galaxy Population. <i>Astrophysical Journal</i> , 2017 , 850, 22	4-7	46

116	COMPACT STELLAR BINARY ASSEMBLY IN THE FIRST NUCLEAR STAR CLUSTERS AND r -PROCESS SYNTHESIS IN THE EARLY UNIVERSE. <i>Astrophysical Journal Letters</i> , 2015 , 802, L22	7.9	44
115	INTERPRETING SHORT GAMMA-RAY BURST PROGENITOR KICKS AND TIME DELAYS USING THE HOST GALAXY-DARK MATTER HALO CONNECTION. <i>Astrophysical Journal</i> , 2014 , 792, 123	4.7	44
114	AN ULTRAVIOLET SPECTRUM OF THE TIDAL DISRUPTION FLARE ASASSN-14li. <i>Astrophysical Journal Letters</i> , 2016 , 818, L32	7.9	43
113	SPOON-FEEDING GIANT STARS TO SUPERMASSIVE BLACK HOLES: EPISODIC MASS TRANSFER FROM EVOLVING STARS AND THEIR CONTRIBUTION TO THE QUIESCENT ACTIVITY OF GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2013 , 777, 133	4.7	41
112	Electromagnetic transients as triggers in searches for gravitational waves from compact binary mergers. <i>Physical Review D</i> , 2013 , 87,	4.9	41
111	The Spectral Evolution of AT 2018dyb and the Presence of Metal Lines in Tidal Disruption Events. <i>Astrophysical Journal</i> , 2019 , 887, 218	4.7	41
110	The fine line between total and partial tidal disruption events. <i>Astronomy and Astrophysics</i> , 2017 , 600, A124	5.1	40
109	A likely decade-long sustained tidal disruption event. <i>Nature Astronomy</i> , 2017 , 1,	12.1	39
108	The Old Host-galaxy Environment of SSS17a, the First Electromagnetic Counterpart to a Gravitational-wave Source. <i>Astrophysical Journal Letters</i> , 2017 , 848, L30	7.9	39
107	Dissipative Evolution of Unequal-mass Binary Single Interactions and Its Relevance to Gravitational-wave Detections. <i>Astrophysical Journal</i> , 2018 , 853, 140	4.7	38
106	A Comparison of the X-Ray Emission from Tidal Disruption Events with those of Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2018 , 852, 37	4.7	38
105	POSSIBLE ORIGIN OF THE G2 CLOUD FROM THE TIDAL DISRUPTION OF A KNOWN GIANT STAR BY SGR A*. <i>Astrophysical Journal Letters</i> , 2014 , 786, L12	7.9	38
104	Comparing Neutron Star Kicks to Supernova Remnant Asymmetries. <i>Astrophysical Journal</i> , 2017 , 844, 84	4.7	37
103	iPTF14yb: THE FIRST DISCOVERY OF A GAMMA-RAY BURST AFTERGLOW INDEPENDENT OF A HIGH-ENERGY TRIGGER. <i>Astrophysical Journal Letters</i> , 2015 , 803, L24	7.9	37
102	TOOLS FOR DISSECTING SUPERNOVA REMNANTS OBSERVED WITH CHANDRA: METHODS AND APPLICATION TO THE GALACTIC REMNANT W49B. <i>Astrophysical Journal</i> , 2009 , 691, 875-893	4.7	37
101	GRB 990123: Evidence that the Gamma Rays Come from a Central Engine. <i>Astrophysical Journal</i> , 1999 , 518, L73-L76	4.7	37
100	A luminosity distribution for kilonovae based on short gamma-ray burst afterglows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 486, 672-690	4.3	35
99	CONDITIONS FOR SUCCESSFUL HELIUM DETONATIONS IN ASTROPHYSICAL ENVIRONMENTS. <i>Astrophysical Journal</i> , 2013 , 771, 14	4.7	35

98	Simulating black hole white dwarf encounters. <i>Computer Physics Communications</i> , 2008 , 179, 184-189	4.2	35
97	THE CLOSE STELLAR COMPANIONS TO INTERMEDIATE-MASS BLACK HOLES. <i>Astrophysical Journal</i> , 2016 , 819, 70	4.7	34
96	Accretion Disk Assembly During Common Envelope Evolution: Implications for Feedback and LIGO Binary Black Hole Formation. <i>Astrophysical Journal</i> , 2017 , 845, 173	4.7	34
95	First Light with RATIR: An Automated 6-band Optical/NIR Imaging Camera 2012 ,		34
94	WHAT SETS THE INITIAL ROTATION RATES OF MASSIVE STARS?. <i>Astrophysical Journal</i> , 2012 , 748, 97	4.7	32
93	ON THE SURVIVABILITY AND METAMORPHISM OF TIDALLY DISRUPTED GIANT PLANETS: THE ROLE OF DENSE CORES. <i>Astrophysical Journal</i> , 2013 , 762, 37	4.7	32
92	TWO MASSIVE WHITE DWARFS FROM NGC 2323 AND THE INITIAL BINARY MASS RELATION FOR PROGENITORS OF 48.5M?. <i>Astrophysical Journal</i> , 2016 , 818, 84	4.7	32
91	Formation of Tidal Captures and Gravitational Wave Inspirals in Binary-single Interactions. <i>Astrophysical Journal</i> , 2017 , 846, 36	4.7	31
90	r-process Enrichment of the Ultra-faint Dwarf Galaxies by Fast-merging Double-neutron Stars. <i>Astrophysical Journal</i> , 2019 , 872, 105	4.7	30
89	Was GRB 990123 a unique optical flash?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002 , 330, L24-L28	4.3	30
88	Black Hole Formation in Fallback Supernova and the Spins of LIGO Sources. <i>Astrophysical Journal Letters</i> , 2018 , 862, L3	7.9	30
87	The Tidal Disruption of Sun-like Stars by Massive Black Holes. <i>Astrophysical Journal Letters</i> , 2019 , 882, L25	7.9	29
86	Updated parameter estimates for GW190425 using astrophysical arguments and implications for the electromagnetic counterpart. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 190-198	4.3	28
85	Iron K β Emission from X-Ray Reflection: Predictions for Gamma-Ray Burst Models. <i>Astrophysical Journal</i> , 2001 , 559, L83-L86	4.7	28
84	The Unprecedented Properties of the First Electromagnetic Counterpart to a Gravitational-wave Source. <i>Astrophysical Journal Letters</i> , 2017 , 848, L26	7.9	27
83	Low-mass White Dwarfs with Hydrogen Envelopes as a Missing Link in the Tidal Disruption Menu. <i>Astrophysical Journal</i> , 2017 , 841, 132	4.7	27
82	THE MORPHOLOGY AND DYNAMICS OF JET-DRIVEN SUPERNOVA REMNANTS: THE CASE OF W49B. <i>Astrophysical Journal Letters</i> , 2014 , 781, L26	7.9	25
81	A Stringent Limit on the Mass Production Rate of r-process Elements in the Milky Way. <i>Astrophysical Journal</i> , 2018 , 860, 89	4.7	25

80	Thermal and non-thermal emission from the cocoon of a gamma-ray burst jet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 4553-4564	4.3	24
79	EXTERNAL MASS ACCUMULATION ONTO CORE POTENTIALS: IMPLICATIONS FOR STAR CLUSTERS, GALAXIES, AND GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2011 , 735, 25	4.7	23
78	The Birthplace of Gamma-Ray Bursts: Abundance Gradients and Constraints on Progenitors. <i>Astrophysical Journal</i> , 2002 , 565, L9-L12	4.7	23
77	Off-axis afterglow light curves and images from 2D hydrodynamic simulations of double-sided GRB jets in a stratified external medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 481, 2711-2720	4.3	23
76	Massive Stellar Triples Leading to Sequential Binary Black Hole Mergers in the Field. <i>Astrophysical Journal Letters</i> , 2021 , 907, L19	7.9	22
75	The Evolution of Binaries in a Gaseous Medium: Three-dimensional Simulations of Binary Bondi-Hoyle-Lyttleton Accretion. <i>Astrophysical Journal</i> , 2019 , 884, 22	4.7	21
74	No snowplough mechanism during the rapid hardening of supermassive black hole binaries. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012 , 423, L65-L69	4.3	20
73	The Formation of Rapidly Rotating Black Holes in High-mass X-Ray Binaries. <i>Astrophysical Journal Letters</i> , 2017 , 846, L15	7.9	20
72	A detailed study of the optical attenuation of gamma-ray bursts in the Swift era. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 449, 2919-2936	4.3	20
71	A Trend in the Effective Spin Distribution of LIGO Binary Black Holes with Mass. <i>Astrophysical Journal</i> , 2020 , 894, 129	4.7	20
70	Double-peaked Balmer Emission Indicating Prompt Accretion Disk Formation in an X-Ray Faint Tidal Disruption Event. <i>Astrophysical Journal</i> , 2020 , 903, 31	4.7	20
69	INITIAL BINARY MASS RELATION FOR 3 TO 4 M _☉ PROGENITORS OF WHITE DWARFS FROM THE SINGLE CLUSTER NGC 2099. <i>Astrophysical Journal</i> , 2015 , 807, 90	4.7	19
68	TRANSPORT AND MIXING OF r-PROCESS ELEMENTS IN NEUTRON STAR BINARY MERGER BLAST WAVES. <i>Astrophysical Journal</i> , 2016 , 830, 12	4.7	19
67	A Hidden Friend for the Galactic Center Black Hole, Sgr A*. <i>Astrophysical Journal Letters</i> , 2020 , 888, L8	7.9	19
66	HALO RETENTION AND EVOLUTION OF COALESCING COMPACT BINARIES IN COSMOLOGICAL SIMULATIONS OF STRUCTURE FORMATION: IMPLICATIONS FOR SHORT GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2009 , 705, L186-L190	4.7	19
65	Constraining Collapsar r-process Models through Stellar Abundances. <i>Astrophysical Journal Letters</i> , 2019 , 877, L24	7.9	18
64	THE HYDRODYNAMICS OF GAMMA-RAY BURST REMNANTS. <i>Astrophysical Journal</i> , 2010 , 716, 1028-1039	4.7	18
63	A cool and inflated progenitor candidate for the Type Ib supernova 2019yvr at 2.6 yr before explosion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 2073-2093	4.3	17

62	Measurement of the Core-collapse Progenitor Mass Distribution of the Small Magellanic Cloud. <i>Astrophysical Journal</i> , 2019 , 871, 64	4-7	16
61	Tidal Disruptions of Stars by Binary Black Holes: Modifying the Spin Magnitudes and Directions of LIGO Sources in Dense Stellar Environments. <i>Astrophysical Journal</i> , 2019 , 877, 56	4-7	16
60	AN ULTRAMASSIVE 1.28 M ? WHITE DWARF IN NGC 2099. <i>Astrophysical Journal Letters</i> , 2016 , 820, L18	7-9	16
59	Carbon star formation as seen through the non-monotonic initial-final mass relation. <i>Nature Astronomy</i> , 2020 , 4, 1102-1110	12.1	16
58	Common Envelope Wind Tunnel: The Effects of Binary Mass Ratio and Implications for the Accretion-driven Growth of LIGO Binary Black Holes. <i>Astrophysical Journal</i> , 2020 , 897, 130	4-7	16
57	The Fate of the Merger Remnant in GW170817 and Its Imprint on the Jet Structure. <i>Astrophysical Journal</i> , 2021 , 908, 152	4-7	16
56	Tidal Disruptions of Main-sequence Stars of Varying Mass and Age: Inferences from the Composition of the Fallback Material. <i>Astrophysical Journal</i> , 2018 , 857, 109	4-7	16
55	IDENTIFICATION OF A JET-DRIVEN SUPERNOVA REMNANT IN THE SMALL MAGELLANIC CLOUD: POSSIBLE EVIDENCE FOR THE ENHANCEMENT OF BIPOLAR EXPLOSIONS AT LOW METALLICITY. <i>Astrophysical Journal</i> , 2014 , 788, 5	4-7	15
54	CONSTRAINING EXPLOSION TYPE OF YOUNG SUPERNOVA REMNANTS USING 24 hr EMISSION MORPHOLOGY. <i>Astrophysical Journal Letters</i> , 2013 , 771, L38	7-9	15
53	Probing the black hole merger history in clusters using stellar tidal disruptions. <i>Physical Review D</i> , 2019 , 100,	4-9	14
52	Does GW190425 Require an Alternative Formation Pathway than a Fast-merging Channel?. <i>Astrophysical Journal</i> , 2020 , 900, 13	4-7	14
51	A Novel Approach to Constrain Rotational Mixing and Convective-core Overshoot in Stars Using the Initial-Final Mass Relation. <i>Astrophysical Journal Letters</i> , 2019 , 871, L18	7-9	13
50	HAPPY BIRTHDAYSWIFT: ULTRA-LONG GRB 141121A AND ITS BROADBAND AFTERGLOW. <i>Astrophysical Journal</i> , 2015 , 812, 122	4-7	13
49	A multiwavelength analysis of a collection of short-duration GRBs observed between 2012 and 2015. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 5294-5318	4-3	12
48	Did GW170817 Harbor a Pulsar?. <i>Astrophysical Journal Letters</i> , 2019 , 883, L6	7-9	12
47	Performance and calibration of H2RG detectors and SIDECAR ASICs for the RATIR camera 2012 ,		12
46	Evidence for Cosmic-Ray Escape in the Small Magellanic Cloud Using Fermi Gamma Rays. <i>Astrophysical Journal</i> , 2018 , 867, 44	4-7	12
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