

Enrico Ramirez-Ruiz

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

187
papers

12,254
citations

59
h-index

106
g-index

193
ext. papers

14,261
ext. citations

7.6
avg, IF

6.85
L-index

#	Paper	IF	Citations
187	Evidence for the Preferential Disruption of Moderately Massive Stars by Supermassive Black Holes. <i>Astrophysical Journal</i> , 2022 , 924, 70	4.7	1
186	Follow-up Observations of the Prolonged, Super-Eddington, Tidal Disruption Event Candidate 3XMM J150052.0+015452: the Slow Decline Continues. <i>Astrophysical Journal Letters</i> , 2022 , 924, L35	7.9	1
185	Probing the progenitors of spinning binary black-hole mergers with long gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2022 , 657, L8	5.1	5
184	Radio and X-Ray Observations of the Luminous Fast Blue Optical Transient AT 2020xnd. <i>Astrophysical Journal</i> , 2022 , 926, 112	4.7	6
183	The Combined Effects of Two-body Relaxation Processes and the Eccentric Kozai-Lidov Mechanism on the Extreme-mass-ratio Inspirals Rate. <i>Astrophysical Journal Letters</i> , 2022 , 927, L18	7.9	1
182	A Carbon/Oxygen-dominated Atmosphere Days after Explosion for the Super-Chandrasekhar Type Ia SN 2020esm. <i>Astrophysical Journal</i> , 2022 , 927, 78	4.7	4
181	Testing the Momentum-driven Supernova Feedback Paradigm in M31. <i>Astrophysical Journal</i> , 2022 , 928, 54	4.7	
180	Fallback Supernova Assembly of Heavy Binary Neutron Stars and Light Black Hole-Neutron Star Pairs and the Common Stellar Ancestry of GW190425 and GW200115. <i>Astrophysical Journal Letters</i> , 2021 , 920, L17	7.9	4
179	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
178	What determines the structure of short gamma-ray burst jets?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 503, 4363-4371	4.3	9
177	Distinguishing Tidal Disruption Events from Impostors. <i>Space Science Reviews</i> , 2021 , 217, 1	7.5	8
176	The Landscape of Galaxies Harboring Changing-look Active Galactic Nuclei in the Local Universe. <i>Astrophysical Journal Letters</i> , 2021 , 907, L21	7.9	7
175	Massive Stellar Triples Leading to Sequential Binary Black Hole Mergers in the Field. <i>Astrophysical Journal Letters</i> , 2021 , 907, L19	7.9	22
174	The Young Supernova Experiment: Survey Goals, Overview, and Operations. <i>Astrophysical Journal</i> , 2021 , 908, 143	4.7	11
173	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
172	Modeling the Prompt Optical Emission of GRB 180325A: The Evolution of a Spike from the Optical to Gamma Rays. <i>Astrophysical Journal</i> , 2021 , 908, 39	4.7	1
171	Discovery of a Fast Iron Low-ionization Outflow in the Early Evolution of the Nearby Tidal Disruption Event AT 2019qiz. <i>Astrophysical Journal</i> , 2021 , 917, 9	4.7	6

170	Illuminating Black Hole Subsystems in Young Star Clusters. <i>Astrophysical Journal</i> , 2021 , 917, 36	4.7	0
169	HARM3D+NUC: A New Method for Simulating the Post-merger Phase of Binary Neutron Star Mergers with GRMHD, Tabulated EOS, and Neutrino Leakage. <i>Astrophysical Journal</i> , 2021 , 919, 95	4.7	6
168	An Energy Inventory of Tidal Disruption Events. <i>Astrophysical Journal</i> , 2021 , 906, 101	4.7	3
167	The Gravity Collective: A Search for the Electromagnetic Counterpart to the Neutron Star-Black Hole Merger GW190814. <i>Astrophysical Journal</i> , 2021 , 923, 258	4.7	6
166	The Effects of Metallicity and Abundance Pattern of the ISM on Supernova Feedback. <i>Astrophysical Journal</i> , 2020 , 896, 66	4.7	3
165	The Stars in M15 Were Born with the r-process. <i>Astrophysical Journal Letters</i> , 2020 , 891, L13	7.9	5
164	Carbon star formation as seen through the non-monotonic initial-final mass relation. <i>Nature Astronomy</i> , 2020 , 4, 1102-1110	12.1	16
163	Thermal Evolution of Neo-neutron Stars. I. Envelopes, Eddington Luminosity Phase, and Implications for GW170817. <i>Astrophysical Journal</i> , 2020 , 888, 97	4.7	7
162	Modelling gas evacuation mechanisms in present-day globular clusters: stellar winds from evolved stars and pulsar heating. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 491, 4602-4614	4.3	3
161	A Hidden Friend for the Galactic Center Black Hole, Sgr A*. <i>Astrophysical Journal Letters</i> , 2020 , 888, L8	7.9	19
160	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
159	LB-1 Is Inconsistent with the X-Ray Source Population and Pulsar-Black Hole Binary Searches in the Milky Way. <i>Astrophysical Journal</i> , 2020 , 901, 116	4.7	2
158	A Trend in the Effective Spin Distribution of LIGO Binary Black Holes with Mass. <i>Astrophysical Journal</i> , 2020 , 894, 129	4.7	20
157	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
156	Does GW190425 Require an Alternative Formation Pathway than a Fast-merging Channel?. <i>Astrophysical Journal</i> , 2020 , 900, 13	4.7	14
155	Common Envelope Wind Tunnel: Range of Applicability and Self-similarity in Realistic Stellar Envelopes. <i>Astrophysical Journal</i> , 2020 , 899, 77	4.7	4
154	The Art of Modeling Stellar Mergers and the Case of the B[e] Supergiant R4 in the Small Magellanic Cloud. <i>Astrophysical Journal</i> , 2020 , 901, 44	4.7	4
153	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

152	Stellar Tidal Disruption Events with Abundances and Realistic Structures (STARS): Library of Fallback Rates. <i>Astrophysical Journal</i> , 2020 , 905, 141	4.7	10
151	Winds in Star Clusters Drive Kolmogorov Turbulence. <i>Astrophysical Journal Letters</i> , 2020 , 899, L30	7.9	7
150	On the Maximum Stellar Rotation to form a Black Hole without an Accompanying Luminous Transient. <i>Astrophysical Journal Letters</i> , 2020 , 901, L24	7.9	5
149	Radiogenic Heating and Its Influence on Rocky Planet Dynamos and Habitability. <i>Astrophysical Journal Letters</i> , 2020 , 903, L37	7.9	4
148	Constraining delay time distribution of binary neutron star mergers from host galaxy properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 5220-5229	4.3	3
147	Tidal disruption events in the first billion years of a galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 500, 3944-3956	4.3	5
146	Probing the black hole merger history in clusters using stellar tidal disruptions. <i>Physical Review D</i> , 2019 , 100,	4.9	14
145	Measurement of the Core-collapse Progenitor Mass Distribution of the Small Magellanic Cloud. <i>Astrophysical Journal</i> , 2019 , 871, 64	4.7	16
144	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
143	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
142	Bondi-Hoyle-Lyttleton Accretion onto Star Clusters. <i>Astrophysical Journal</i> , 2019 , 876, 142	4.7	9
141	Weighing Black Holes Using Tidal Disruption Events. <i>Astrophysical Journal</i> , 2019 , 872, 151	4.7	78
140	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
139	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
138	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
137	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
136	Eccentric Black Hole Mergers in Dense Star Clusters: The Role of Binary Encounters. <i>Astrophysical Journal</i> , 2019 , 871, 91	4.7	112
135	Reverse Shock Emission Revealed in Early Photometry in the Candidate Short GRB 180418A. <i>Astrophysical Journal</i> , 2019 , 881, 12	4.7	10

134	The Tidal Disruption of Sun-like Stars by Massive Black Holes. <i>Astrophysical Journal Letters</i> , 2019 , 882, L25	7.9	29
133	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
132	Did GW170817 Harbor a Pulsar?. <i>Astrophysical Journal Letters</i> , 2019 , 883, L6	7.9	12
131	Constraining Collapsar r-process Models through Stellar Abundances. <i>Astrophysical Journal Letters</i> , 2019 , 877, L24	7.9	18
130	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
129	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
128	GRB 180620A: Evidence for Late-time Energy Injection. <i>Astrophysical Journal</i> , 2019 , 887, 254	4.7	1
127	X-Ray Fluorescence from Super-Eddington Accreting Black Holes. <i>Astrophysical Journal Letters</i> , 2019 , 884, L21	7.9	7
126	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
125	First results from the IllustrisTNG simulations: a tale of two elements [chemical evolution of magnesium and europium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 1206-1224	4.3	383
124	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
123	Stellar wind retention and expulsion in massive star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 2794-2811	4.3	10
122	Black Hole Formation in Fallback Supernova and the Spins of LIGO Sources. <i>Astrophysical Journal Letters</i> , 2018 , 862, L3	7.9	30
121	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
120	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
119	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
118	Evidence for Cosmic-Ray Escape in the Small Magellanic Cloud Using Fermi Gamma Rays. <i>Astrophysical Journal</i> , 2018 , 867, 44	4.7	12
117	The White Dwarf Initial Binary Mass Relation for Progenitor Stars from 0.85 to 7.5 M \odot ?. <i>Astrophysical Journal</i> , 2018 , 866, 21	4.7	124

116	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
115	A Unified Model for Tidal Disruption Events. <i>Astrophysical Journal Letters</i> , 2018 , 859, L20	7.9	111
114	Photometric Observations of Supernova 2013cq Associated with GRB 130427A. <i>Astrophysical Journal</i> , 2017 , 837, 116	4.7	10
113	A likely decade-long sustained tidal disruption event. <i>Nature Astronomy</i> , 2017 , 1,	12.1	39
112	On the Assembly Rate of Highly Eccentric Binary Black Hole Mergers. <i>Astrophysical Journal Letters</i> , 2017 , 840, L14	7.9	66
111	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
110	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
109	The Properties of Short Gamma-Ray Burst Jets Triggered by Neutron Star Mergers. <i>Astrophysical Journal Letters</i> , 2017 , 835, L34	7.9	71
108	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
107	Swope Supernova Survey 2017a (SSS17a), the optical counterpart to a gravitational wave source. <i>Science</i> , 2017 , 358, 1556-1558	33.3	616
106	Light curves of the neutron star merger GW170817/SSS17a: Implications for r-process nucleosynthesis. <i>Science</i> , 2017 , 358, 1570-1574	33.3	352
105	Electromagnetic evidence that SSS17a is the result of a binary neutron star merger. <i>Science</i> , 2017 , 358, 1583-1587	33.3	156
104	Early spectra of the gravitational wave source GW170817: Evolution of a neutron star merger. <i>Science</i> , 2017 , 358, 1574-1578	33.3	170
103	A Neutron Star Binary Merger Model for GW170817/GRB 170817A/SSS17a. <i>Astrophysical Journal Letters</i> , 2017 , 848, L34	7.9	86
102	The Unprecedented Properties of the First Electromagnetic Counterpart to a Gravitational-wave Source. <i>Astrophysical Journal Letters</i> , 2017 , 848, L26	7.9	27
101	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
100	The fine line between total and partial tidal disruption events. <i>Astronomy and Astrophysics</i> , 2017 , 600, A124	5.1	40
99	Formation of Tidal Captures and Gravitational Wave Inspirals in Binary-single Interactions. <i>Astrophysical Journal</i> , 2017 , 846, 36	4.7	31

98	The Formation of Rapidly Rotating Black Holes in High-mass X-Ray Binaries. <i>Astrophysical Journal Letters</i> , 2017 , 846, L15	7.9	20
97	Comparing Neutron Star Kicks to Supernova Remnant Asymmetries. <i>Astrophysical Journal</i> , 2017 , 844, 84	4.7	37
96	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
95	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
94	Tidal Disruption Event Host Galaxies in the Context of the Local Galaxy Population. <i>Astrophysical Journal</i> , 2017 , 850, 22	4.7	46
93	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
92	Significant and variable linear polarization during the prompt optical flash of GRB 160625B. <i>Nature</i> , 2017 , 547, 425-427	50.4	67
91	TRANSPORT AND MIXING OF r-PROCESS ELEMENTS IN NEUTRON STAR BINARY MERGER BLAST WAVES. <i>Astrophysical Journal</i> , 2016 , 830, 12	4.7	19
90	AN ULTRAMASSIVE 1.28 M χ WHITE DWARF IN NGC 2099. <i>Astrophysical Journal Letters</i> , 2016 , 820, L18	7.9	16
89	AN ULTRAVIOLET SPECTRUM OF THE TIDAL DISRUPTION FLARE ASASSN-14li. <i>Astrophysical Journal Letters</i> , 2016 , 818, L32	7.9	43
88	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
87	THE CLOSE STELLAR COMPANIONS TO INTERMEDIATE-MASS BLACK HOLES. <i>Astrophysical Journal</i> , 2016 , 819, 70	4.7	34
86	TWO MASSIVE WHITE DWARFS FROM NGC 2323 AND THE INITIAL BINARY MASS RELATION FOR PROGENITORS OF 48.5M χ ?. <i>Astrophysical Journal</i> , 2016 , 818, 84	4.7	32
85	DISCOVERY OF THE CANDIDATE OFF-NUCLEAR ULTRASOFT HYPER-LUMINOUS X-RAY SOURCE 3XMM J141711.1+522541. <i>Astrophysical Journal</i> , 2016 , 821, 25	4.7	11
84	THE X-RAY THROUGH OPTICAL FLUXES AND LINE STRENGTHS OF TIDAL DISRUPTION EVENTS. <i>Astrophysical Journal</i> , 2016 , 827, 3	4.7	98
83	ON THE ACCRETION-FED GROWTH OF NEUTRON STARS DURING COMMON ENVELOPE. <i>Astrophysical Journal Letters</i> , 2015 , 798, L19	7.9	62
82	A LUMINOUS, FAST RISING UV-TRANSIENT DISCOVERED BY ROTSE: A TIDAL DISRUPTION EVENT?. <i>Astrophysical Journal</i> , 2015 , 798, 12	4.7	69
81	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

80	THE FATE OF THE COMPACT REMNANT IN NEUTRON STAR MERGERS. <i>Astrophysical Journal</i> , 2015 , 812, 24	4-7	56
79	A DARK YEAR FOR TIDAL DISRUPTION EVENTS. <i>Astrophysical Journal</i> , 2015 , 809, 166	4-7	119
78	ASYMMETRIC ACCRETION FLOWS WITHIN A COMMON ENVELOPE. <i>Astrophysical Journal</i> , 2015 , 803, 41	4-7	77
77	THE ROLE OF NUCLEAR STAR CLUSTERS IN ENHANCING SUPERMASSIVE BLACK HOLE FEEDING RATES DURING GALAXY MERGERS. <i>Astrophysical Journal</i> , 2015 , 803, 81	4-7	8
76	INITIAL BINARY MASS RELATION FOR 3 TO 4 M \odot PROGENITORS OF WHITE DWARFS FROM THE SINGLE CLUSTER NGC 2099. <i>Astrophysical Journal</i> , 2015 , 807, 90	4-7	19
75	THE HISTORY OF R-PROCESS ENRICHMENT IN THE MILKY WAY. <i>Astrophysical Journal</i> , 2015 , 807, 115	4-7	135
74	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
73	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
72	HAPPY BIRTHDAY SWIFT: ULTRA-LONG GRB 141121A AND ITS BROADBAND AFTERGLOW. <i>Astrophysical Journal</i> , 2015 , 812, 122	4-7	13
71	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
70	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
69	IDENTIFYING HIGH-REDSHIFT GAMMA-RAY BURSTS WITH RATIR. <i>Astronomical Journal</i> , 2014 , 148, 2	4-9	7
68	NECESSARY CONDITIONS FOR SHORT GAMMA-RAY BURST PRODUCTION IN BINARY NEUTRON STAR MERGERS. <i>Astrophysical Journal Letters</i> , 2014 , 788, L8	7-9	116
67	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
66	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
65	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
64	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
63	DIVERSITY OF SHORT GAMMA-RAY BURST AFTERGLOWS FROM COMPACT BINARY MERGERS HOSTING PULSARS. <i>Astrophysical Journal Letters</i> , 2014 , 790, L3	7-9	6

62	PS1-10jh: THE DISRUPTION OF A MAIN-SEQUENCE STAR OF NEAR-SOLAR COMPOSITION. <i>Astrophysical Journal</i> , 2014 , 783, 23	4.7	182
61	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
60	THE MORPHOLOGY AND DYNAMICS OF JET-DRIVEN SUPERNOVA REMNANTS: THE CASE OF W49B. <i>Astrophysical Journal Letters</i> , 2014 , 781, L26	7.9	25
59	THE ROLE OF STELLAR FEEDBACK IN THE DYNAMICS OF H II REGIONS. <i>Astrophysical Journal</i> , 2014 , 795, 121	4.7	80
58	CONDITIONS FOR SUCCESSFUL HELIUM DETONATIONS IN ASTROPHYSICAL ENVIRONMENTS. <i>Astrophysical Journal</i> , 2013 , 771, 14	4.7	35
57	CONSTRAINING EXPLOSION TYPE OF YOUNG SUPERNOVA REMNANTS USING 24 μ m EMISSION MORPHOLOGY. <i>Astrophysical Journal Letters</i> , 2013 , 771, L38	7.9	15
56	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
55	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
54	Electromagnetic transients as triggers in searches for gravitational waves from compact binary mergers. <i>Physical Review D</i> , 2013 , 87,	4.9	41
53	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
52	THE GALACTIC SUPERNOVA REMNANT W49B LIKELY ORIGINATES FROM A JET-DRIVEN, CORE-COLLAPSE EXPLOSION. <i>Astrophysical Journal</i> , 2013 , 764, 50	4.7	64
51	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
50	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
49	Performance and calibration of H2RG detectors and SIDECAR ASICs for the RATIR camera 2012 ,		12
48	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
47	WHAT SETS THE INITIAL ROTATION RATES OF MASSIVE STARS?. <i>Astrophysical Journal</i> , 2012 , 748, 97	4.7	32
46	Transforming Gas Giant Planets into Smaller Objects Through Tidal Disruption. <i>Proceedings of the International Astronomical Union</i> , 2012 , 8, 356-361	0.1	
45	First Light with RATIR: An Automated 6-band Optical/NIR Imaging Camera 2012 ,		34

44	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
43	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
42	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
41	CONSEQUENCES OF THE EJECTION AND DISRUPTION OF GIANT PLANETS. <i>Astrophysical Journal</i> , 2011 , 732, 74	4-7	130
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