Michela Mapelli

List of Publications by Year
in descending order

183	16,047	30070 54	16650 123
papers	citations	h-index	g-index

187	187	187	11426
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multi-messenger Observations of a Binary Neutron Star Merger[*]. Astrophysical Journal Letters, 2017, 848, L12.	8.3	2,805
2	GW190814: Gravitational Waves from the Coalescence of a 23 Solar Mass Black Hole with a 2.6 Solar Mass Compact Object. Astrophysical Journal Letters, 2020, 896, L44.	8.3	1,090
3	GW190425: Observation of a Compact Binary Coalescence with Total MassÂâˆ¼Â3.4 M_{âŠ™}. Astrophysical Journal Letters, 2020, 892, L3.	8.3	1,049
4	GW190521: A Binary Black Hole Merger with a Total Mass of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>150</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mtext>â€‰</mml:mtext><mml:msub><mml:mrow><mml:mo stretchy="false">âŠ™</mml:mo></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review Letters, 2020, 125, 101102.	7.8	836
5	Spectroscopic identification of r-process nucleosynthesis in a double neutron-star merger. Nature, 2017, 551, 67-70.	27.8	715
6	Binary Black Hole Population Properties Inferred from the First and Second Observing Runs of Advanced LIGO and Advanced Virgo. Astrophysical Journal Letters, 2019, 882, L24.	8.3	566
7	Observation of Gravitational Waves from Two Neutron Starâ€“Black Hole Coalescences. Astrophysical Journal Letters, 2021, 915, L5.	8.3	453
8	Properties and Astrophysical Implications of the 150 M_{âŠ™} Binary Black Hole Merger GW190521. Astrophysical Journal Letters, 2020, 900, L13.	8.3	406
9	Open data from the first and second observing runs of Advanced LIGO and Advanced Virgo. SoftwareX, 2021, 13, 100658.	2.6	275
10	Increasing the Astrophysical Reach of the Advanced Virgo Detector via the Application of Squeezed Vacuum States of Light. Physical Review Letters, 2019, 123, 231108.	7.8	254
11	The mass spectrum of compact remnants from the parsec stellar evolution tracks. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4086-4103.	4.4	248
12	The progenitors of compact-object binaries: impact of metallicity, common envelope and natal kicks. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2011-2030.	4.4	238
13	Very massive stars, pair-instability supernovae and intermediate-mass black holes with the sevn code. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4739-4749.	4.4	216
14	Merging black hole binaries: the effects of progenitor's metallicity, mass-loss rate and Eddington factor. Monthly Notices of the Royal Astronomical Society, 2018, 474, 2959-2974.	4.4	206
15	Massive black hole binaries from runaway collisions: the impact of metallicity. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3432-3446.	4.4	196
16	Dynamics of stellar black holes in young star clusters with different metallicities - II. Black hole-black hole binaries. Monthly Notices of the Royal Astronomical Society, 2014, 441, 3703-3717.	4.4	195
17	Merging black holes in young star clusters. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2947-2960.	4.4	187
18	Merging black hole binaries with the SEVN code. Monthly Notices of the Royal Astronomical Society, 2019, 485, 889-907.	4.4	178

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19	Dynamical age differences among coeval star clusters as revealed by blue stragglers. Nature, 2012, 492, 393-395.	27.8	172
20	The cosmic merger rate of neutron stars and black holes. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4391-4398.	4.4	154
21	Impact of dark matter decays and annihilations on reionization. Monthly Notices of the Royal Astronomical Society, 2006, 369, 1719-1724.	4.4	153
22	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. Astrophysical Journal, 2021, 909, 218.	4.5	144
23	The cosmic merger rate of stellar black hole binaries from the Illustris simulation. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2422-2435.	4.4	135
24	Ultra-luminous X-ray sources and remnants of massive metal-poor stars. Monthly Notices of the Royal Astronomical Society, 0, 408, 234-253.	4.4	130
25	Search for Subsolar Mass Ultracompact Binaries in Advanced LIGOâ€™s Second Observing Run. Physical Review Letters, 2019, 123, 161102.	7.8	119
26	Low metallicity and ultra-luminous X-ray sources in the Cartwheel galaxy. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 395, L71-L75.	3.3	112
27	Discovery of a 2.8 s Pulsar in a 2 Day Orbit High-mass X-Ray Binary Powering the Ultraluminous X-Ray Source ULX-7 in M51. Astrophysical Journal, 2020, 895, 60.	4.5	106
28	The radial distribution of blue straggler stars and the nature of their progenitors. Monthly Notices of the Royal Astronomical Society, 2006, 373, 361-368.	4.4	102
29	The Contribution of Primordial Binaries to the Blue Straggler Population in 47 Tucanae. Astrophysical Journal, 2004, 605, L29-L32.	4.5	100
30	The properties of merging black holes and neutron stars across cosmic time. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2-13.	4.4	96
31	Impact of the Rotation and Compactness of Progenitors on the Mass of Black Holes. Astrophysical Journal, 2020, 888, 76.	4.5	96
32	Formation of GW190521 from stellar evolution: the impact of the hydrogen-rich envelope, dredge-up, and 12C(Î±, Î³)16O rate on the pair-instability black hole mass gap. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4514-4533.	4.4	94
33	Binary black holes in young star clusters: the impact of metallicity. Monthly Notices of the Royal Astronomical Society, 2020, 498, 495-506.	4.4	92
34	The cosmic merger rate density of compact objects: impact of star formation, metallicity, initial mass function, and binary evolution. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4877-4889.	4.4	91
35	Binary black holes in the pair instability mass gap. Monthly Notices of the Royal Astronomical Society, 2020, 497, 1043-1049.	4.4	90
36	The impact of dark matter decays and annihilations on the formation of the first structures. Monthly Notices of the Royal Astronomical Society, 2007, 375, 1399-1408.	4.4	84

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37	Dynamics of stellar black holes in young star clusters with different metallicities â€“ I. Implications for X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2013, 429, 2298-2314.	4.4	81
38	The impact of electron-capture supernovae on merging double neutron stars. Monthly Notices of the Royal Astronomical Society, 2019, 482, 2234-2243.	4.4	81
39	Hierarchical black hole mergers in young, globular and nuclear star clusters: the effect of metallicity, spin and cluster properties. Monthly Notices of the Royal Astronomical Society, 2021, 505, 339-358.	4.4	77
40	The Cosmic Merger Rate Density Evolution of Compact Binaries Formed in Young Star Clusters and in Isolated Binaries. Astrophysical Journal, 2020, 898, 152.	4.5	75
41	Search for Eccentric Binary Black Hole Mergers with Advanced LIGO and Advanced Virgo during Their First and Second Observing Runs. Astrophysical Journal, 2019, 883, 149.	4.5	72
42	Revising Natal Kick Prescriptions in Population Synthesis Simulations. Astrophysical Journal, 2020, 891, 141.	4.5	71
43	Gravitational-wave detection rates for compact binaries formed in isolation: LIGO/Virgo O3 and beyond. Physical Review D, 2019, 100, .	4.7	70
44	Fingerprints of Binary Black Hole Formation Channels Encoded in the Mass and Spin of Merger Remnants. Astrophysical Journal, 2020, 894, 133.	4.5	70
45	Observational constraints on the optical and near-infrared emission from the neutron starâ€“black hole binary merger candidate S190814bv. Astronomy and Astrophysics, 2020, 643, A113.	5.1	70
46	A Panchromatic Study of the Globular Cluster NGC 1904. I. The Blue Straggler Population. Astrophysical Journal, 2007, 663, 1040-1048.	4.5	70
47	Host galaxies of merging compact objects: mass, star formation rate, metallicity, and colours. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1675-1688.	4.4	67
48	Constraining dark matter through 21-cm observations. Monthly Notices of the Royal Astronomical Society, 2007, 377, 245-252.	4.4	65
49	Gravitational-wave Constraints on the Equatorial Ellipticity of Millisecond Pulsars. Astrophysical Journal Letters, 2020, 902, L21.	8.3	65
50	Expanding associations in the Vela-Puppis region. Astronomy and Astrophysics, 2019, 626, A17.	5.1	62
51	IN SITU FORMATION OF SgrA* STARS VIA DISK FRAGMENTATION: PARENT CLOUD PROPERTIES AND THERMODYNAMICS. Astrophysical Journal, 2012, 749, 168.	4.5	60
52	Dynamics of black holeâ€“neutron star binaries in young star clusters. Monthly Notices of the Royal Astronomical Society, 2020, 497, 1563-1570.	4.4	60
53	Constraining the Fraction of Binary Black Holes Formed in Isolation and Young Star Clusters with Gravitational-wave Data. Astrophysical Journal, 2019, 886, 25.	4.5	59
54	The Blue Straggler Population of the Globular Cluster M5. Astrophysical Journal, 2007, 663, 267-276.	4.5	59

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55	Search for Lensing Signatures in the Gravitational-Wave Observations from the First Half of LIGOâ€“Virgoâ€™s Third Observing Run. Astrophysical Journal, 2021, 923, 14.	4.5	59
56	Probing the Presence of a Single or Binary Black Hole in the Globular Cluster NGC 6752 with Pulsar Dynamics. Astrophysical Journal, 2003, 599, 1260-1271.	4.5	55
57	The cosmic evolution of binary black holes in young, globular, and nuclear star clusters: rates, masses, spins, and mixing fractions. Monthly Notices of the Royal Astronomical Society, 2022, 511, 5797-5816.	4.4	54
58	Are ring galaxies the ancestors of giant low surface brightness galaxies?. Monthly Notices of the Royal Astronomical Society, 0, 383, 1223-1231.	4.4	53
59	Search for intermediate mass black hole binaries in the first and second observing runs of the Advanced LIGO and Virgo network. Physical Review D, 2019, 100, .	4.7	52
60	Hierarchical black hole triples in young star clusters: impact of Kozaiâ€“Lidov resonance on mergers. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2443-2452.	4.4	51
61	Background radiation from sterile neutrino decay and reionization. Monthly Notices of the Royal Astronomical Society, 2005, 364, 2-12.	4.4	50
62	Lopsided galaxies: the case of NGC 891. Monthly Notices of the Royal Astronomical Society, 2008, 388, 697-708.	4.4	49
63	TheGaia-ESO survey: Discovery of a spatially extended low-mass population in the Vela OB2 association. Astronomy and Astrophysics, 2015, 574, L7.	5.1	48
64	Blue straggler stars in dwarf spheroidal galaxies - II. Sculptor and Fornax. Monthly Notices of the Royal Astronomical Society, 2009, 396, 1771-1782.	4.4	47
65	The merger fraction of active and inactive galaxies in the local Universe through an improved non-parametric classification. Monthly Notices of the Royal Astronomical Society, 2013, 431, 2661-2672.	4.4	47
66	Rotation in young massive star clusters. Monthly Notices of the Royal Astronomical Society, 2017, 467, 3255-3267.	4.4	47
67	Intergalactic medium heating by dark matter. Monthly Notices of the Royal Astronomical Society, 2007, 374, 1067-1077.	4.4	46
68	Blue straggler stars in dwarf spheroidal galaxies. Monthly Notices of the Royal Astronomical Society, 0, 380, 1127-1140.	4.4	44
69	New insights on binary black hole formation channels after GWTC-2: young star clusters versus isolated binaries. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5224-5235.	4.4	44
70	Bounding alternative theories of gravity with multiband GW observations. Physical Review D, 2019, 100, .	4.7	40
71	Intermediate-mass black holes from stellar mergers in young star clusters. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5132-5143.	4.4	40
72	A ring in a shell: the large-scale 6D structure of the Vela OB2 complex. Astronomy and Astrophysics, 2019, 621, A115.	5.1	39

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73	Searches for Continuous Gravitational Waves from Young Supernova Remnants in the Early Third Observing Run of Advanced LIGO and Virgo. Astrophysical Journal, 2021, 921, 80.	4.5	39
74	The host galaxies of double compact objects merging in the local Universe. Monthly Notices of the Royal Astronomical Society, 2018, 481, 5324-5330.	4.4	37
75	Extended halo of NGC 2682 (M 67) from Gaia DR2. Astronomy and Astrophysics, 2019, 627, A119.	5.1	37
76	Black-Hole Remnants from Black-Holeâ€“Neutron-Star Mergers. Physical Review Letters, 2019, 123, 041102.	7.8	36
77	Building gas rings and rejuvenating S0 galaxies through minor mergers. Astronomy and Astrophysics, 2015, 575, A16.	5.1	35
78	Brownian motion of massive black hole binaries and the final parsec problem. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1023-1031.	4.4	35
79	The formation and coalescence sites of the first gravitational wave events. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 471, L105-L109.	3.3	35
80	Quantum Backaction on Kg-Scale Mirrors: Observation of Radiation Pressure Noise in the Advanced Virgo Detector. Physical Review Letters, 2020, 125, 131101.	7.8	35
81	Mass and star formation rate of the host galaxies of compact binary mergers across cosmic time. Monthly Notices of the Royal Astronomical Society, 2020, 491, 3419-3434.	4.4	35
82	Ring galaxies from off-centre collisions. Monthly Notices of the Royal Astronomical Society, 2012, 420, 1158-1166.	4.4	34
83	THE ACS LCID PROJECT. VII. THE BLUE STRAGGLERS POPULATION IN THE ISOLATED dSph GALAXIES CETUS AND TUCANA. Astrophysical Journal, 2012, 744, 157.	4.5	33
84	A critical look at the merger scenario to explain multiple populations and rotation in iron-complex globular clusters. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1276-1287.	4.4	32
85	Diving below the Spin-down Limit: Constraints on Gravitational Waves from the Energetic Young Pulsar PSR J0537-6910. Astrophysical Journal Letters, 2021, 913, L27.	8.3	32
86	ROCHE-LOBE OVERFLOW SYSTEMS POWERED BY BLACK HOLES IN YOUNG STAR CLUSTERS: THE IMPORTANCE OF DYNAMICAL EXCHANGES. Astrophysical Journal, 2014, 794, 7.	4.5	31
87	Constraints on Galactic intermediate mass black holes. Monthly Notices of the Royal Astronomical Society, 2006, 368, 1340-1350.	4.4	30
88	Intermediate-mass black holes and ultraluminous X-ray sources in the Cartwheel ring galaxy. Monthly Notices of the Royal Astronomical Society, 0, 383, 230-246.	4.4	29
89	Periodic signals from the Circinus region: two new cataclysmic variables and the ultraluminous X-ray source candidate GCÂX-1. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1112-1127.	4.4	29
90	Search for Gravitational-wave Signals Associated with Gamma-Ray Bursts during the Second Observing Run of Advanced LIGO and Advanced Virgo. Astrophysical Journal, 2019, 886, 75.	4.5	29

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91	Mass and Rate of Hierarchical Black Hole Mergers in Young, Globular and Nuclear Star Clusters. Symmetry, 2021, 13, 1678.	2.2	29
92	Binary Black Hole Mergers: Formation and Populations. Frontiers in Astronomy and Space Sciences, 2020, 7, .	2.8	28
93	The fingerprint of binary intermediate-mass black holes in globular clusters: suprathermal stars and angular momentum alignment. Monthly Notices of the Royal Astronomical Society, 2005, 364, 1315-1326.	4.4	27
94	Do open star clusters evolve towards energy equipartition?. Monthly Notices of the Royal Astronomical Society, 2016, 460, 317-328.	4.4	27
95	TheGaia-ESO Survey: Structural and dynamical properties of the young cluster Chamaeleon I. Astronomy and Astrophysics, 2017, 601, A97.	5.1	27
96	Formation Channels of Single and Binary Stellar-Mass Black Holes. , 2021, , 1-65.		27
97	Dynamics of binary black holes in low-mass young star clusters. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3612-3625.	4.4	27
98	Radiation from early black holes â€“ I. Effects on the neutral intergalactic medium. Monthly Notices of the Royal Astronomical Society, 2008, 387, 158-172.	4.4	26
99	Evolution of fractality and rotation in embedded star clusters. Monthly Notices of the Royal Astronomical Society, 2020, 496, 49-59.	4.4	26
100	The host galaxies of double compact objects across cosmic time. Monthly Notices of the Royal Astronomical Society, 2019, 489, 4622-4631.	4.4	25
101	Impact of metallicity on the evolution of young star clusters. Monthly Notices of the Royal Astronomical Society, 2013, 430, 3120-3127.	4.4	24
102	A cosmological view of extreme mass-ratio inspirals in nuclear star clusters. Astronomy and Astrophysics, 2012, 542, A102.	5.1	23
103	A minor merger scenario for the ultraluminous X-ray source ESO 243-49 HLX-1. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1309-1317.	4.4	22
104	GASP V: Ram-pressure stripping of a ring Hoagâ€™s-like galaxy in a massive cluster. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	22
105	All-sky search for long-duration gravitational-wave transients in the second Advanced LIGO observing run. Physical Review D, 2019, 99, .	4.7	22
106	Merger and ring galaxy formation rates atzâ‰ˆ 2. Monthly Notices of the Royal Astronomical Society, 2008, 389, 1275-1283.	4.4	21
107	Gravitational Wave mergers as tracers of Large Scale Structures. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 035-035.	5.4	21
108	Discovery of a 6.4â€‰h black hole binary in NGCÂ4490. Monthly Notices of the Royal Astronomical Society, 2013, 436, 3380-3387.	4.4	20

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109	NGCÂ2276: a remarkable galaxy with a large number of ultraluminous X-ray sources. Monthly Notices of the Royal Astronomical Society, 2015, 448, 781-791.	4.4	20
110	An astrophysically motivated ranking criterion for low-latency electromagnetic follow-up of gravitational wave events. Monthly Notices of the Royal Astronomical Society, 2020, 495, 1841-1852.	4.4	20
111	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
112	Prospects for multimessenger detection of binary neutron star mergers in the fourth LIGOâ€“Virgoâ€“KAGRA observing run. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4159-4168.	4.4	20
113	Millisecond pulsars around intermediate-mass black holes in globular clusters. Monthly Notices of the Royal Astronomical Society, 2007, 380, 691-702.	4.4	19
114	GASP. VII. Signs of Gas Inflow onto a Lopsided Galaxy. Astrophysical Journal, 2018, 852, 94.	4.5	19
115	Adaptive mesh refinement simulations of collisional ring galaxies: effects of the interaction geometry. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2255-2266.	4.4	18
116	Supernova kicks and dynamics of compact remnants in the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1510-1520.	4.4	18
117	Star cluster disruption by a massive black hole binary. Monthly Notices of the Royal Astronomical Society, 2018, 474, 1054-1064.	4.4	18
118	Dynamics of massive stellar black holes in young star clusters and the displacement of ultra-luminous X-ray sources. Monthly Notices of the Royal Astronomical Society, 2011, 416, 1756-1763.	4.4	17
119	Modelling the formation of the circumnuclear ring in the Galactic centre. Astronomy and Astrophysics, 2016, 585, A161.	5.1	17
120	UGC 7069: the largest ring galaxy. Monthly Notices of the Royal Astronomical Society: Letters, 2008, 386, L38-L42.	3.3	16
121	GRAVITATIONAL WAVES FROM INTERMEDIATE-MASS BLACK HOLES IN YOUNG CLUSTERS. Astrophysical Journal, 2010, 719, 987-995.	4.5	16
122	MAORY: adaptive optics module for the E-ELT. Proceedings of SPIE, 2016, , .	0.8	16
123	Can supernova kicks trigger EMRIs in the Galactic Centre?. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2125-2138.	4.4	16
124	From hydrodynamics to N-body simulations of star clusters: mergers and rotation. Monthly Notices of the Royal Astronomical Society, 2021, 501, 2920-2933.	4.4	16
125	Eccentric disc instability in stellar discs formed from inspiralling gas clouds in the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2012, 427, 1793-1799.	4.4	15
126	Forming Circumnuclear Disks and Rings in Galactic Nuclei: A Competition Between Supermassive Black Hole and Nuclear Star Cluster. Astrophysical Journal, 2018, 864, 17.	4.5	15

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127	The X-Ray Luminosity Function of Ultraluminous X-Ray Sources in Collisional Ring Galaxies. Astrophysical Journal, 2018, 863, 43.	4.5	15
128	Evolution of dwarf galaxies hosting GW150914-like events. Monthly Notices of the Royal Astronomical Society, 2019, 484, 3219-3232.	4.4	15
129	GW190521 formation via three-body encounters in young massive star clusters. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3045-3054.	4.4	15
130	Constraining accretion efficiency in massive binary stars with LIGO â€“Virgo black holes. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3873-3882.	4.4	15
131	SIGNATURES OF PLANETS AND PROTOPLANETS IN THE GALACTIC CENTER: A CLUE TO UNDERSTANDING THE G2 CLOUD?. Astrophysical Journal, 2015, 806, 197.	4.5	14
132	Cosmic archaeology with massive stellar black hole binaries. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 495, L81-L85.	3.3	14
133	Star Formation and Dynamics in the Galactic Centre. Lecture Notes in Physics, 2016, , 205-272.	0.7	14
134	Intermediate-mass black holes in dwarf galaxies: the case of Holmberg II. Monthly Notices of the Royal Astronomical Society, 2007, 376, 1317-1326.	4.4	13
135	Remnants of massive metalâ€poor stars: Viable engines for ultraâ€luminous Xâ€ray sources. Astronomische Nachrichten, 2011, 332, 414-417.	1.2	13
136	Perturbations induced by a molecular cloud on the young stellar disc in the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2013, 436, 3809-3819.	4.4	13
137	The impact of metallicity-dependent mass-loss versus dynamical heating on the early evolution of star clusters. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1967-1976.	4.4	13
138	DYNAMICS OF TIDALLY CAPTURED PLANETS IN THE GALACTIC CENTER. Astrophysical Journal, 2016, 831, 61.	4.5	13
139	The Ultraluminous X-Ray Sources Population of the Galaxy NGC 7456. Astrophysical Journal, 2020, 890, 166.	4.5	13
140	TheGaia-ESO Survey:N-body modelling of the Gamma Velorum cluster. Astronomy and Astrophysics, 2015, 578, A35.	5.1	13
141	Gaia-ESO Survey: Gas dynamics in the Carina nebula through optical emission lines. Astronomy and Astrophysics, 2016, 591, A74.	5.1	13
142	Host galaxies and electromagnetic counterparts to binary neutron star mergers across the cosmic time: detectability of GW170817-like events. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2654-2668.	4.4	13
143	A Joint Fermi-GBM and LIGO/Virgo Analysis of Compact Binary Mergers from the First and Second Gravitational-wave Observing Runs. Astrophysical Journal, 2020, 893, 100.	4.5	12
144	Compact object mergers in hierarchical triples from low-mass young star clusters. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	12

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145	A minor merger scenario for the ultraluminous X-ray source ESO 243-49 HLX-1 â€“ II. Constraints from photometry. Monthly Notices of the Royal Astronomical Society, 2013, 433, 849-866.	4.4	11
146	THE INFLUENCE OF DENSE GAS RINGS ON THE DYNAMICS OF A STELLAR DISK IN THE GALACTIC CENTER. Astrophysical Journal, 2016, 818, 29.	4.5	11
147	A disrupted bulgeless satellite galaxy as counterpart of the ultraluminous X-ray source ESO 243-49 HLX-1. Astronomy and Astrophysics, 2013, 559, A124.	5.1	9
148	Weighing the IMBH candidate CO-0.40-0.22* in the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2018, 480, 4684-4692.	4.4	9
149	The advanced Virgo longitudinal control system for the O2 observing run. Astroparticle Physics, 2020, 116, 102386.	4.3	9
150	Clustering of Gravitational Wave and Supernovae events: a multitracer analysis in Luminosity Distance Space. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 003.	5.4	9
151	Broad [Oâ€ƒiii] in the globular cluster RZâ€ƒ2109: X-ray ionized nova ejecta. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1144-1153.	4.4	8
152	The Black Hole Mass Function Across Cosmic Times. I. Stellar Black Holes and Light Seed Distribution. Astrophysical Journal, 2022, 924, 56.	4.5	7
153	Gravitational background from dynamical binaries and detectability with 2G detectors. Physical Review D, 2022, 105, .	4.7	7
154	SwiftÂJ201424.9+152930: discovery of a new deeply eclipsing binary with 491-s and 3.4-h modulations. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1705-1715.	4.4	6
155	Black hole demography at the dawn of gravitational-wave astronomy: state-of-the art and future perspectives. Journal of Physics: Conference Series, 2018, 957, 012001.	0.4	6
156	Hierarchical generative models for star clusters from hydrodynamical simulations. Monthly Notices of the Royal Astronomical Society, 2021, 510, 2097-2110.	4.4	6
157	Gamma-ray constraints on the infrared background excess. New Astronomy, 2006, 11, 420-430.	1.8	5
158	Are ring galaxies the ancestors of giant low surface brightness galaxies?. Astronomische Nachrichten, 2008, 329, 948-951.	1.2	5
159	The population of ULXs in the spiral galaxy NGC 2276. Astronomische Nachrichten, 2011, 332, 358-361.	1.2	5
160	The metallicity of the nebula surrounding the ultraâ€luminous Xâ€ray source NGC 1313 Xâ€2. Astronomische Nachrichten, 2011, 332, 418-421.	1.2	5
161	The impact of binaries on the evolution of star clusters from turbulent molecular clouds. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2253-2266.	4.4	5
162	GRAWITA: VLT Survey Telescope observations of the gravitational wave sources GW150914 and GW151226. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	4

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163	Back to the Green Valley: How to Rejuvenate an S0 Galaxy through Minor Mergers. Galaxies, 2015, 3, 192-201.	3.0	3
164	CXO J004318.8+412016, a steady supersoft X-ray source in M 31. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2212-2224.	4.4	3
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