Gijs Nelemans

List of Publications by Year
in descending order

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		6254	1980
340	44,681	80	206
papers	citations	h-index	g-index

344	344	344	19428
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stellar response after stripping as a model for common-envelope outcomes. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2326-2338.	4.4	16
2	Calibration of advanced Virgo and reconstruction of the detector strain h(t) during the observing run O3. Classical and Quantum Gravity, 2022, 39, 045006.	4.0	20
3	Spectroscopy of the helium-rich binary ES Ceti reveals accretion via a disc and evidence of eclipses. Astronomy and Astrophysics, 2021, 645, A114.	5.1	4
4	Open data from the first and second observing runs of Advanced LIGO and Advanced Virgo. SoftwareX, 2021, 13, 100658.	2.6	275
5	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
6	All-sky search in early O3 LIGO data for continuous gravitational-wave signals from unknown neutron stars in binary systems. Physical Review D, 2021, 103, .	4.7	43
7	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
8	Population Properties of Compact Objects from the Second LIGOâ€“Virgo Gravitational-Wave Transient Catalog. Astrophysical Journal Letters, 2021, 913, L7.	8.3	514
9	Observation of Gravitational Waves from Two Neutron Starâ€“Black Hole Coalescences. Astrophysical Journal Letters, 2021, 915, L5.	8.3	453
10	Tests of general relativity with binary black holes from the second LIGO-Virgo gravitational-wave transient catalog. Physical Review D, 2021, 103, .	4.7	338
11	GWTC-2: Compact Binary Coalescences Observed by LIGO and Virgo during the First Half of the Third Observing Run. Physical Review X, 2021, 11, .	8.9	1,097
12	Upper limits on the isotropic gravitational-wave background from Advanced LIGO and Advanced Virgoâ€™s third observing run. Physical Review D, 2021, 104, .	4.7	192
13	Search for anisotropic gravitational-wave backgrounds using data from Advanced LIGO and Advanced Virgoâ€™s first three observing runs. Physical Review D, 2021, 104, .	4.7	62
14	X-ray observations of two candidate symbiotic binaries in the galactic bulge. Monthly Notices of the Royal Astronomical Society, 2021, 506, 5619-5628.	4.4	2
15	Search for Gravitational Waves Associated with Gamma-Ray Bursts Detected by Fermi and Swift during the LIGOâ€“Virgo Run O3a. Astrophysical Journal, 2021, 915, 86.	4.5	20
16	The Galactic neutron star population â€“ I. An extragalactic view of the Milky Way and the implications for fast radio bursts. Monthly Notices of the Royal Astronomical Society, 2021, 508, 1929-1946.	4.4	9
17	The impact of the FMR and starburst galaxies on the (low metallicity) cosmic star formation history. Monthly Notices of the Royal Astronomical Society, 2021, 508, 4994-5027.	4.4	10
18	It has to be cool: Supergiant progenitors of binary black hole mergers from common-envelope evolution. Astronomy and Astrophysics, 2021, 645, A54.	5.1	87

#	Article	IF	Citations
19	All-sky search for continuous gravitational waves from isolated neutron stars in the early O3 LIGO data. Physical Review D, 2021, 104, .	4.7	42
20	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
21	Constraints from LIGO O3 Data on Gravitational-wave Emission Due to R-modes in the Glitching Pulsar PSR J0537â€“6910. Astrophysical Journal, 2021, 922, 71.	4.5	29
22	All-sky search for long-duration gravitational-wave bursts in the third Advanced LIGO and Advanced Virgo run. Physical Review D, 2021, 104, .	4.7	19
23	All-sky search for short gravitational-wave bursts in the third Advanced LIGO and Advanced Virgo run. Physical Review D, 2021, 104, .	4.7	33
24	The carbon footprint of astronomy research in the Netherlands. Nature Astronomy, 2021, 5, 1195-1198.	10.1	8
25	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
26	The advanced Virgo longitudinal control system for the O2 observing run. Astroparticle Physics, 2020, 116, 102386.	4.3	9
27	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
28	Massive donors in interacting binaries: effect of metallicity. Astronomy and Astrophysics, 2020, 638, A55.	5.1	50
29	GW190412: Observation of a binary-black-hole coalescence with asymmetric masses. Physical Review D, 2020, 102, .	4.7	394
30	The effect of the environment-dependent IMF on the formation and metallicities of stars over the cosmic history. Astronomy and Astrophysics, 2020, 636, A10.	5.1	26
31	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
32	GW190425: Observation of a Compact Binary Coalescence with Total MassÂâˆ¼Â3.4 M_{âŠ™}. Astrophysical Journal Letters, 2020, 892, L3.	8.3	1,049
33	Gaia Data Release 2. Astronomy and Astrophysics, 2020, 637, C3.	5.1	4
34	Model comparison from LIGOâ€“Virgo data on GW170817â€™s binary components and consequences for the merger remnant. Classical and Quantum Gravity, 2020, 37, 045006.	4.0	109
35	A guide to LIGOâ€“Virgo detector noise and extraction of transient gravitational-wave signals. Classical and Quantum Gravity, 2020, 37, 055002.	4.0	188
36	Optically targeted search for gravitational waves emitted by core-collapse supernovae during the first and second observing runs of advanced LIGO and advanced Virgo. Physical Review D, 2020, 101, .	4.7	69

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37	The ESO supernovae type Ia progenitor survey (SPY). Astronomy and Astrophysics, 2020, 638, A131.	5.1	48
38	Disc-binary interactions in depleted post-AGB binaries. Astronomy and Astrophysics, 2020, 642, A234.	5.1	13
39	Gaia Data Release 2. Astronomy and Astrophysics, 2020, 642, C1.	5.1	6
40	Properties and Astrophysical Implications of the 150 M_{âŠ™} Binary Black Hole Merger GW190521. Astrophysical Journal Letters, 2020, 900, L13.	8.3	406
41	Gravitational-wave Constraints on the Equatorial Ellipticity of Millisecond Pulsars. Astrophysical Journal Letters, 2020, 902, L21.	8.3	65
42	Narrow-band search for gravitational waves from known pulsars using the second LIGO observing run. Physical Review D, 2019, 99, .	4.7	60
43	Searches for Gravitational Waves from Known Pulsars at Two Harmonics in 2015â€“2017 LIGO Data. Astrophysical Journal, 2019, 879, 10.	4.5	88
44	All-sky search for continuous gravitational waves from isolated neutron stars using Advanced LIGO O2 data. Physical Review D, 2019, 100, .	4.7	102
45	All-sky search for short gravitational-wave bursts in the second Advanced LIGO and Advanced Virgo run. Physical Review D, 2019, 100, .	4.7	54
46	Metallicity of stars formed throughout the cosmic history based on the observational properties of star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 488, 5300-5326.	4.4	50
47	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
48	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
49	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
50	Directional limits on persistent gravitational waves using data from Advanced LIGOâ€™s first two observing runs. Physical Review D, 2019, 100, .	4.7	52
51	GWTC-1: A Gravitational-Wave Transient Catalog of Compact Binary Mergers Observed by LIGO and Virgo during the First and Second Observing Runs. Physical Review X, 2019, 9, .	8.9	2,022
52	Search for the isotropic stochastic background using data from Advanced LIGOâ€™s second observing run. Physical Review D, 2019, 100, .	4.7	200
53	Potential kick velocity distribution of black hole X-ray binaries and implications for natal kicks. Monthly Notices of the Royal Astronomical Society, 2019, 489, 3116-3134.	4.4	83
54	The influence of the distribution of cosmic star formation at different metallicities on the properties of merging double compact objects. Monthly Notices of the Royal Astronomical Society, 2019, 482, 5012-5017.	4.4	72

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55	A Standard Siren Measurement of the Hubble Constant from GW170817 without the Electromagnetic Counterpart. Astrophysical Journal Letters, 2019, 871, L13.	8.3	145
56	Black holes, gravitational waves and fundamental physics: a roadmap. Classical and Quantum Gravity, 2019, 36, 143001.	4.0	451
57	Constraining the nature of the accreting binary in CXOGBS J174623.5â˜310550. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2296-2306.	4.4	4
58	All-sky search for long-duration gravitational-wave transients in the second Advanced LIGO observing run. Physical Review D, 2019, 99, .	4.7	22
59	Search for Multimessenger Sources of Gravitational Waves and High-energy Neutrinos with Advanced LIGO during Its First Observing Run, ANTARES, and IceCube. Astrophysical Journal, 2019, 870, 134.	4.5	32
60	GaiaData Release 2. Astronomy and Astrophysics, 2019, 623, A110.	5.1	101
61	A Fermi Gamma-Ray Burst Monitor Search for Electromagnetic Signals Coincident with Gravitational-wave Candidates in Advanced LIGO's First Observing Run. Astrophysical Journal, 2019, 871, 90.	4.5	30
62	Searches for Continuous Gravitational Waves from 15 Supernova Remnants and Fomalhaut b with Advanced LIGO[*]. Astrophysical Journal, 2019, 875, 122.	4.5	61
63	Search for Gravitational Waves from a Long-lived Remnant of the Binary Neutron Star Merger GW170817. Astrophysical Journal, 2019, 875, 160.	4.5	97
64	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
65	Low-latency Gravitational-wave Alerts for Multimessenger Astronomy during the Second Advanced LIGO and Virgo Observing Run. Astrophysical Journal, 2019, 875, 161.	4.5	71
66	Search for Transient Gravitational-wave Signals Associated with Magnetar Bursts during Advanced LIGOâ€™s Second Observing Run. Astrophysical Journal, 2019, 874, 163.	4.5	26
67	Modelling depletion by re-accretion of gas from a dusty disc in post-AGB stars. Astronomy and Astrophysics, 2019, 629, A49.	5.1	27
68	Tests of general relativity with the binary black hole signals from the LIGO-Virgo catalog GWTC-1. Physical Review D, 2019, 100, .	4.7	470
69	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
70	Search for gravitational waves from Scorpius X-1 in the second Advanced LIGO observing run with an improved hidden Markov model. Physical Review D, 2019, 100, .	4.7	46
71	Properties of the Binary Neutron Star Merger GW170817. Physical Review X, 2019, 9, .	8.9	728
72	Semi-analytic modelling of the europium production by neutron star mergers in the halo of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2019, 483, 4397-4410.	4.4	3

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73	Effects of data quality vetoes on a search for compact binary coalescences in Advanced LIGOâ€™s first observing run. Classical and Quantum Gravity, 2018, 35, 065010.	4.0	94
74	All-sky search for long-duration gravitational wave transients in the first Advanced LIGO observing run. Classical and Quantum Gravity, 2018, 35, 065009.	4.0	18
75	The fast transient sky with Gaia. Monthly Notices of the Royal Astronomical Society, 2018, 473, 3854-3862.	4.4	13
76	Physical properties of AM CVn stars: New insights from Gaia DR2. Astronomy and Astrophysics, 2018, 620, A141.	5.1	60
77	Orbital properties of binary post-AGB stars. Astronomy and Astrophysics, 2018, 620, A85.	5.1	62
78	GaiaData Release 2. Astronomy and Astrophysics, 2018, 616, A11.	5.1	323
79	High mass X-ray binaries as progenitors of gravitational wave sources. Proceedings of the International Astronomical Union, 2018, 14, 417-425.	0.0	5
80	LISA verification binaries with updated distances from Gaia Data Release 2. Monthly Notices of the Royal Astronomical Society, 2018, 480, 302-309.	4.4	126
81	Calibration of advanced Virgo and reconstruction of the gravitational wave signal h (t) Tj ETQq1 1 0.784314 rgBT /Over	4.0	41
82	GaiaData Release 2. Astronomy and Astrophysics, 2018, 616, A13.	5.1	78
83	Gaia Data Release 2. Astronomy and Astrophysics, 2018, 616, A14.	5.1	140
84	Status of Advanced Virgo. EPJ Web of Conferences, 2018, 182, 02003.	0.3	9
85	Full band all-sky search for periodic gravitational waves in the O1 LIGO data. Physical Review D, 2018, 97, .	4.7	46
86	Constraints on cosmic strings using data from the first Advanced LIGO observing run. Physical Review D, 2018, 97, .	4.7	88
87	Gaia Data Release 2. Astronomy and Astrophysics, 2018, 616, A10.	5.1	638
88	GaiaData Release 2. Astronomy and Astrophysics, 2018, 616, A12.	5.1	491
89	ThunderKAT: The MeerKAT Large Survey Project for Image-Plane Radio Transients. , 2018, , .		9
90	Candidate HÎ± emission and absorption line sources in the Galactic Bulge Survey. Monthly Notices of the Royal Astronomical Society, 2017, 466, 163-173.	4.4	6

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91	All-sky search for short gravitational-wave bursts in the first Advanced LIGO run. Physical Review D, 2017, 95, .	4.7	69
92	Effects of waveform model systematics on the interpretation of GW150914. Classical and Quantum Gravity, 2017, 34, 104002.	4.0	98
93	First Search for Gravitational Waves from Known Pulsars with Advanced LIGO. Astrophysical Journal, 2017, 839, 12.	4.5	131
94	The basic physics of the binary black hole merger GW150914. Annalen Der Physik, 2017, 529, 1600209.	2.4	69
95	Upper Limits on Gravitational Waves from Scorpius X-1 from a Model-based Cross-correlation Search in Advanced LIGO Data. Astrophysical Journal, 2017, 847, 47.	4.5	46
96	Multi-messenger Observations of a Binary Neutron Star Merger[*]. Astrophysical Journal Letters, 2017, 848, L12.	8.3	2,805
97	Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. Astrophysical Journal Letters, 2017, 848, L13.	8.3	2,314
98	Search for intermediate mass black hole binaries in the first observing run of Advanced LIGO. Physical Review D, 2017, 96, .	4.7	73
99	All-sky search for periodic gravitational waves in the O1 LIGO data. Physical Review D, 2017, 96, .	4.7	64
100	Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. Astrophysical Journal, 2017, 841, 89.	4.5	52
101	Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. Physical Review D, 2017, 96, .	4.7	40
102	Search for Post-merger Gravitational Waves from the Remnant of the Binary Neutron Star Merger GW170817. Astrophysical Journal Letters, 2017, 851, L16.	8.3	189
103	Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated withÂGW170817. Astrophysical Journal Letters, 2017, 850, L39.	8.3	156
104	Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. Astrophysical Journal Letters, 2017, 850, L35.	8.3	135
105	Search for continuous gravitational waves from neutron stars in globular cluster NGC 6544. Physical Review D, 2017, 95, .	4.7	19
106	Search for gravitational waves from Scorpius X-1 in the first Advanced LIGO observing run with a hidden Markov model. Physical Review D, 2017, 95, .	4.7	59
107	Building blocks of the Milky Way's accreted spheroid. Monthly Notices of the Royal Astronomical Society, 2017, 464, 863-875.	4.4	3
108	Prospects for detection of detached double white dwarf binaries with Gaia, LSST and LISA. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1894-1910.	4.4	143

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109	Spectroscopic classification of X-ray sources in the Galactic Bulge Survey. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4512-4529.	4.4	4
110	Status of the Advanced Virgo gravitational wave detector. International Journal of Modern Physics A, 2017, 32, 1744003.	1.5	6
111	A Spectroscopic Search for White Dwarf Companions to 101 Nearby M Dwarfs*. Astrophysical Journal, 2017, 850, 34.	4.5	12
112	First narrow-band search for continuous gravitational waves from known pulsars in advanced detector data. Physical Review D, 2017, 96, .	4.7	47
113	First low-frequency Einstein@Home all-sky search for continuous gravitational waves in Advanced LIGO data. Physical Review D, 2017, 96, .	4.7	60
114	On the Progenitor of Binary Neutron Star Merger GW170817. Astrophysical Journal Letters, 2017, 850, L40.	8.3	73
115	GW170608: Observation of a 19 Solar-mass Binary Black Hole Coalescence. Astrophysical Journal Letters, 2017, 851, L35.	8.3	968
116	White dwarfs in the building blocks of the Galactic spheroid. Astronomy and Astrophysics, 2017, 607, A99.	5.1	0
117	Gaia Data Release 1. Astronomy and Astrophysics, 2017, 605, A79.	5.1	78
118	Gaia Data Release 1. Astronomy and Astrophysics, 2017, 601, A19.	5.1	77
119	Discovery of a high state AM CVn binary in the Galactic Bulge Survey. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 462, L106-L110.	3.3	18
120	Tiling strategies for optical follow-up of gravitational-wave triggers by telescopes with a wide field of view. Astronomy and Astrophysics, 2016, 592, A82.	5.1	30
121	TheGaiamission. Astronomy and Astrophysics, 2016, 595, A1.	5.1	4,509
122	SUPPLEMENT: â€œTHE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914â€•(2016, ApJL, 833, L1). Astrophysical Journal, Supplement Series, 2016, 227, 14.	7.7	63
123	GaiaData Release 1. Astronomy and Astrophysics, 2016, 595, A2.	5.1	1,590
124	Improved Analysis of GW150914 Using a Fully Spin-Precessing Waveform Model. Physical Review X, 2016, 6, .	8.9	106
125	Results of the deepest all-sky survey for continuous gravitational waves on LIGO S6 data running on the Einstein@Home volunteer distributed computing project. Physical Review D, 2016, 94, .	4.7	31
126	THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914. Astrophysical Journal Letters, 2016, 833, L1.	8.3	230

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127	The BlackGEM array in search of black hole mergers: integrated performance modelling. , 2016, , .		2
128	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. Astrophysical Journal Letters, 2016, 826, L13.	8.3	210
129	Comprehensive all-sky search for periodic gravitational waves in the sixth science run LIGO data. Physical Review D, 2016, 94, .	4.7	35
130	First targeted search for gravitational-wave bursts from core-collapse supernovae in data of first-generation laser interferometer detectors. Physical Review D, 2016, 94, .	4.7	60
131	UPPER LIMITS ON THE RATES OF BINARY NEUTRON STAR AND NEUTRON STARâ€“BLACK HOLE MERGERS FROM ADVANCED LIGOâ€™S FIRST OBSERVING RUN. Astrophysical Journal Letters, 2016, 832, L21.	8.3	146
132	Directly comparing GW150914 with numerical solutions of Einsteinâ€™s equations for binary black hole coalescence. Physical Review D, 2016, 94, .	4.7	102
133	All-sky search for long-duration gravitational wave transients with initial LIGO. Physical Review D, 2016, 93, .	4.7	29
134	Search of the Orion spur for continuous gravitational waves using a loosely coherent algorithm on data from LIGO interferometers. Physical Review D, 2016, 93, .	4.7	17
135	First low frequency all-sky search for continuous gravitational wave signals. Physical Review D, 2016, 93, .	4.7	32
136	Search for transient gravitational waves in coincidence with short-duration radio transients during 2007â€“2013. Physical Review D, 2016, 93, .	4.7	14
137	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. Physical Review D, 2016, 93, .	4.7	92
138	GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. Physical Review Letters, 2016, 116, 131102.	7.8	269
139	SUPPLEMENT: â€œLOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914â€•(2016, ApJL, 826, L13). Astrophysical Journal, Supplement Series, 2016, 225, 8.	7.7	44
140	Observing gravitational-wave transient GW150914 with minimal assumptions. Physical Review D, 2016, 93, .	4.7	119
141	Binary Black Hole Mergers in the First Advanced LIGO Observing Run. Physical Review X, 2016, 6, .	8.9	898
142	The OmegaWhite Survey for short period variable stars â€“ II. An overview of results from the first four years. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1099-1116.	4.4	15
143	THE FORMATION OF CATACLYSMIC VARIABLES: THE INFLUENCE OF NOVA ERUPTIONS. Astrophysical Journal, 2016, 817, 69.	4.5	52
144	Discovery of a long-lived, high-amplitude dusty infrared transient. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2822-2833.	4.4	5

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145	The Chandra Galactic Bulge Survey: optical catalogue and point-source counterparts to X-ray sources. Monthly Notices of the Royal Astronomical Society, 2016, 458, 4530-4546.	4.4	14
146	ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. Astrophysical Journal Letters, 2016, 818, L22.	8.3	633
147	UVES and X-Shooter spectroscopy of the emission line AMÂCVn systems GP Com and V396 Hya. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1828-1841.	4.4	29
148	MeerLICHT and BlackGEM: custom-built telescopes to detect faint optical transients. Proceedings of SPIE, 2016, , .	0.8	27
149	Building Blocks of the Milky Way's Stellar Halo. Proceedings of the International Astronomical Union, 2015, 11, 373-374.	0.0	0
150	Population synthesis of classical low-mass X-ray binaries in the Galactic Bulge. Astronomy and Astrophysics, 2015, 579, A33.	5.1	16
151	Constraining the formation of black holes in short-period black hole low-mass X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2015, 453, 3342-3356.	4.4	69
152	The relationship between X-ray luminosity and duty cycle for dwarf novae and their specific frequency in the inner Galaxy. Monthly Notices of the Royal Astronomical Society, 2015, 448, 3455-3462.	4.4	18
153	Phase-resolved spectroscopy andKeplerphotometry of the ultracompact AMÂCVn binary SDSSÂJ190817.07+394036.4. Monthly Notices of the Royal Astronomical Society, 2015, 453, 483-496.	4.4	21
154	Narrow-band search of continuous gravitational-wave signals from Crab and Vela pulsars in Virgo VSR4 data. Physical Review D, 2015, 91, .	4.7	37
155	Directed search for gravitational waves from Scorpius X-1 with initial LIGO data. Physical Review D, 2015, 91, .	4.7	47
156	The Advanced Virgo detector. Journal of Physics: Conference Series, 2015, 610, 012014.	0.4	27
157	CONSTRAINING THE PHYSICS OF AM CANUM VENATICORUM SYSTEMS WITH THE ACCRETION DISK INSTABILITY MODEL. Astrophysical Journal, 2015, 803, 19.	4.5	23
158	SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. Astrophysical Journal, 2015, 813, 39.	4.5	66
159	Advanced Virgo: a second-generation interferometric gravitational wave detector. Classical and Quantum Gravity, 2015, 32, 024001.	4.0	2,530
160	Localizing Gravitational Wave Sources with Optical Telescopes and Combining Electromagnetic and Gravitational Wave Data. Thirty Years of Astronomical Discovery With UKIRT, 2015, , 51-58.	0.3	4
161	Reconstruction of the gravitational wave signal h (t) during the Virgo science runs and independent validation with a photon calibrator. Classical and Quantum Gravity, 2014, 31, 165013.	4.0	10
162	VARIABILITY OF OPTICAL COUNTERPARTS IN THE CHANDRA GALACTIC BULGE SURVEY. Astrophysical Journal, Supplement Series, 2014, 214, 10.	7.7	14

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163	CONSTRAINING PARAMETERS OF WHITE-DWARF BINARIES USING GRAVITATIONAL-WAVE AND ELECTROMAGNETIC OBSERVATIONS. Astrophysical Journal, 2014, 790, 161.	4.5	19
164	THE GALACTIC BULGE SURVEY: COMPLETION OF THE X-RAY SURVEY OBSERVATIONS. Astrophysical Journal, Supplement Series, 2014, 210, 18.	7.7	29
165	HD 314884: a slowly pulsating B star in a close binary. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1584-1590.	4.4	1
166	Near-infrared counterparts to the Galactic Bulge Survey X-ray source population. Monthly Notices of the Royal Astronomical Society, 2014, 438, 2839-2852.	4.4	11
167	Two new AM Canum Venaticorum binaries from the Sloan Digital Sky Survey III. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2848-2853.	4.4	18
168	First all-sky search for continuous gravitational waves from unknown sources in binary systems. Physical Review D, 2014, 90, .	4.7	60
169	Constraints on Cosmic Strings from the LIGO-Virgo Gravitational-Wave Detectors. Physical Review Letters, 2014, 112, 131101.	7.8	68
170	Multimessenger search for sources of gravitational waves and high-energy neutrinos: Initial results for LIGO-Virgo and IceCube. Physical Review D, 2014, 90, .	4.7	29
171	The coupled effect of tides and stellar winds on the evolution of compact binaries. Monthly Notices of the Royal Astronomical Society, 2014, 444, 542-557.	4.4	15
172	The AM Canum Venaticorum binary SDSSÂJ173047.59+554518.5. Monthly Notices of the Royal Astronomical Society, 2014, 437, 2894-2900.	4.4	13
173	Upper limits on the luminosity of the progenitor of Type Ia supernova SN 2014J. Monthly Notices of the Royal Astronomical Society, 2014, 442, 3400-3406.	4.4	26
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