

Gijs Nelemans

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2754988/publications.pdf>

Version: 2024-02-01

340
papers

44,681
citations

6233

80
h-index

1974

206
g-index

344
all docs

344
docs citations

344
times ranked

19428
citing authors

#	ARTICLE	IF	CITATIONS
1	Stellar response after stripping as a model for common-envelope outcomes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 2326-2338.	1.6	16
2	Calibration of advanced Virgo and reconstruction of the detector strain $h(t)$ during the observing run O3. <i>Classical and Quantum Gravity</i> , 2022, 39, 045006.	1.5	20
3	Spectroscopy of the helium-rich binary ES Ceti reveals accretion via a disc and evidence of eclipses. <i>Astronomy and Astrophysics</i> , 2021, 645, A114.	2.1	4
4	Open data from the first and second observing runs of Advanced LIGO and Advanced Virgo. <i>SoftwareX</i> , 2021, 13, 100658.	1.2	275
5	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. <i>Astrophysical Journal</i> , 2021, 909, 218.	1.6	144
6	All-sky search in early O3 LIGO data for continuous gravitational-wave signals from unknown neutron stars in binary systems. <i>Physical Review D</i> , 2021, 103, .	1.6	43
7	Diving below the Spin-down Limit: Constraints on Gravitational Waves from the Energetic Young Pulsar PSR J0537-6910. <i>Astrophysical Journal Letters</i> , 2021, 913, L27.	3.0	32
8	Population Properties of Compact Objects from the Second LIGO–Virgo Gravitational-Wave Transient Catalog. <i>Astrophysical Journal Letters</i> , 2021, 913, L7.	3.0	514
9	Observation of Gravitational Waves from Two Neutron Star–Black Hole Coalescences. <i>Astrophysical Journal Letters</i> , 2021, 915, L5.	3.0	453
10	Tests of general relativity with binary black holes from the second LIGO-Virgo gravitational-wave transient catalog. <i>Physical Review D</i> , 2021, 103, .	1.6	338
11	GWTC-2: Compact Binary Coalescences Observed by LIGO and Virgo during the First Half of the Third Observing Run. <i>Physical Review X</i> , 2021, 11, .	2.8	1,097
12	Upper limits on the isotropic gravitational-wave background from Advanced LIGO and Advanced Virgo’s third observing run. <i>Physical Review D</i> , 2021, 104, .	1.6	192
13	Search for anisotropic gravitational-wave backgrounds using data from Advanced LIGO and Advanced Virgo’s first three observing runs. <i>Physical Review D</i> , 2021, 104, .	1.6	62
14	X-ray observations of two candidate symbiotic binaries in the galactic bulge. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 5619-5628.	1.6	2
15	Search for Gravitational Waves Associated with Gamma-Ray Bursts Detected by Fermi and Swift during the LIGO–Virgo Run O3a. <i>Astrophysical Journal</i> , 2021, 915, 86.	1.6	20
16	The Galactic neutron star population – I. An extragalactic view of the Milky Way and the implications for fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 1929-1946.	1.6	9
17	The impact of the FMR and starburst galaxies on the (low metallicity) cosmic star formation history. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 4994-5027.	1.6	10
18	It has to be cool: Supergiant progenitors of binary black hole mergers from common-envelope evolution. <i>Astronomy and Astrophysics</i> , 2021, 645, A54.	2.1	87

#	ARTICLE	IF	CITATIONS
19	All-sky search for continuous gravitational waves from isolated neutron stars in the early O3 LIGO data. <i>Physical Review D</i> , 2021, 104, .	1.6	42
20	Searches for Continuous Gravitational Waves from Young Supernova Remnants in the Early Third Observing Run of Advanced LIGO and Virgo. <i>Astrophysical Journal</i> , 2021, 921, 80.	1.6	39
21	Constraints from LIGO O3 Data on Gravitational-wave Emission Due to R-modes in the Glitching Pulsar PSR J0537-6910. <i>Astrophysical Journal</i> , 2021, 922, 71.	1.6	29
22	All-sky search for long-duration gravitational-wave bursts in the third Advanced LIGO and Advanced Virgo run. <i>Physical Review D</i> , 2021, 104, .	1.6	19
23	All-sky search for short gravitational-wave bursts in the third Advanced LIGO and Advanced Virgo run. <i>Physical Review D</i> , 2021, 104, .	1.6	33
24	The carbon footprint of astronomy research in the Netherlands. <i>Nature Astronomy</i> , 2021, 5, 1195-1198.	4.2	8
25	Search for Lensing Signatures in the Gravitational-Wave Observations from the First Half of LIGO-Virgo's Third Observing Run. <i>Astrophysical Journal</i> , 2021, 923, 14.	1.6	59
26	The advanced Virgo longitudinal control system for the O2 observing run. <i>Astroparticle Physics</i> , 2020, 116, 102386.	1.9	9
27	A Joint Fermi-GBM and LIGO/Virgo Analysis of Compact Binary Mergers from the First and Second Gravitational-wave Observing Runs. <i>Astrophysical Journal</i> , 2020, 893, 100.	1.6	12
28	Massive donors in interacting binaries: effect of metallicity. <i>Astronomy and Astrophysics</i> , 2020, 638, A55.	2.1	50
29	GW190412: Observation of a binary-black-hole coalescence with asymmetric masses. <i>Physical Review D</i> , 2020, 102, .	1.6	394
30	The effect of the environment-dependent IMF on the formation and metallicities of stars over the cosmic history. <i>Astronomy and Astrophysics</i> , 2020, 636, A10.	2.1	26
31	GW190814: Gravitational Waves from the Coalescence of a 23 Solar Mass Black Hole with a 2.6 Solar Mass Compact Object. <i>Astrophysical Journal Letters</i> , 2020, 896, L44.	3.0	1,090
32	GW190425: Observation of a Compact Binary Coalescence with Total Mass $\sim 3.4 M_{\odot}$. <i>Astrophysical Journal Letters</i> , 2020, 892, L3.	3.0	1,049
33	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2020, 637, C3.	2.1	4
34	Model comparison from LIGO-Virgo data on GW170817's binary components and consequences for the merger remnant. <i>Classical and Quantum Gravity</i> , 2020, 37, 045006.	1.5	109
35	A guide to LIGO-Virgo detector noise and extraction of transient gravitational-wave signals. <i>Classical and Quantum Gravity</i> , 2020, 37, 055002.	1.5	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. <i>Physical Review D</i> , 2020, 101, .	1.6	69

#	ARTICLE	IF	CITATIONS
37	The ESO supernovae type Ia progenitor survey (SPY). <i>Astronomy and Astrophysics</i> , 2020, 638, A131.	2.1	48
38	Disc-binary interactions in depleted post-AGB binaries. <i>Astronomy and Astrophysics</i> , 2020, 642, A234.	2.1	13
39	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2020, 642, C1.	2.1	6
40	Properties and Astrophysical Implications of the 150 M_{\odot} Binary Black Hole Merger GW190521. <i>Astrophysical Journal Letters</i> , 2020, 900, L13.	3.0	406
41	Gravitational-wave Constraints on the Equatorial Ellipticity of Millisecond Pulsars. <i>Astrophysical Journal Letters</i> , 2020, 902, L21.	3.0	65
42	Narrow-band search for gravitational waves from known pulsars using the second LIGO observing run. <i>Physical Review D</i> , 2019, 99, .	1.6	60
43	Searches for Gravitational Waves from Known Pulsars at Two Harmonics in 2015–2017 LIGO Data. <i>Astrophysical Journal</i> , 2019, 879, 10.	1.6	88
44	All-sky search for continuous gravitational waves from isolated neutron stars using Advanced LIGO O2 data. <i>Physical Review D</i> , 2019, 100, .	1.6	102
45	All-sky search for short gravitational-wave bursts in the second Advanced LIGO and Advanced Virgo run. <i>Physical Review D</i> , 2019, 100, .	1.6	54
46	Metallicity of stars formed throughout the cosmic history based on the observational properties of star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 5300-5326.	1.6	50
47	Search for Eccentric Binary Black Hole Mergers with Advanced LIGO and Advanced Virgo during Their First and Second Observing Runs. <i>Astrophysical Journal</i> , 2019, 883, 149.	1.6	72
48	Search for intermediate mass black hole binaries in the first and second observing runs of the Advanced LIGO and Virgo network. <i>Physical Review D</i> , 2019, 100, .	1.6	52
49	Binary Black Hole Population Properties Inferred from the First and Second Observing Runs of Advanced LIGO and Advanced Virgo. <i>Astrophysical Journal Letters</i> , 2019, 882, L24.	3.0	566
50	Directional limits on persistent gravitational waves using data from Advanced LIGO's first two observing runs. <i>Physical Review D</i> , 2019, 100, .	1.6	52
51	CWTC-1: A Gravitational-Wave Transient Catalog of Compact Binary Mergers Observed by LIGO and Virgo during the First and Second Observing Runs. <i>Physical Review X</i> , 2019, 9, .	2.8	2,022
52	Search for the isotropic stochastic background using data from Advanced LIGO's second observing run. <i>Physical Review D</i> , 2019, 100, .	1.6	200
53	Potential kick velocity distribution of black hole X-ray binaries and implications for natal kicks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 3116-3134.	1.6	83
54	The influence of the distribution of cosmic star formation at different metallicities on the properties of merging double compact objects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 5012-5017.	1.6	72

#	ARTICLE	IF	CITATIONS
55	A Standard Siren Measurement of the Hubble Constant from GW170817 without the Electromagnetic Counterpart. <i>Astrophysical Journal Letters</i> , 2019, 871, L13.	3.0	145
56	Black holes, gravitational waves and fundamental physics: a roadmap. <i>Classical and Quantum Gravity</i> , 2019, 36, 143001.	1.5	451
57	Constraining the nature of the accreting binary in CXOGBS J174623.5âˆ³10550. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2296-2306.	1.6	4
58	All-sky search for long-duration gravitational-wave transients in the second Advanced LIGO observing run. <i>Physical Review D</i> , 2019, 99, .	1.6	22
59	Search for Multimessenger Sources of Gravitational Waves and High-energy Neutrinos with Advanced LIGO during Its First Observing Run, ANTARES, and IceCube. <i>Astrophysical Journal</i> , 2019, 870, 134.	1.6	32
60	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2019, 623, A110.	2.1	101
61	A Fermi Gamma-Ray Burst Monitor Search for Electromagnetic Signals Coincident with Gravitational-wave Candidates in Advanced LIGO's First Observing Run. <i>Astrophysical Journal</i> , 2019, 871, 90.	1.6	30
62	Searches for Continuous Gravitational Waves from 15 Supernova Remnants and Fomalhaut b with Advanced LIGO. <i>Astrophysical Journal</i> , 2019, 875, 122.	1.6	61
63	Search for Gravitational Waves from a Long-lived Remnant of the Binary Neutron Star Merger GW170817. <i>Astrophysical Journal</i> , 2019, 875, 160.	1.6	97
64	First Measurement of the Hubble Constant from a Dark Standard Siren using the Dark Energy Survey Galaxies and the LIGO/Virgo Binary Black-hole Merger GW170814. <i>Astrophysical Journal Letters</i> , 2019, 876, L7.	3.0	179
65	Low-latency Gravitational-wave Alerts for Multimessenger Astronomy during the Second Advanced LIGO and Virgo Observing Run. <i>Astrophysical Journal</i> , 2019, 875, 161.	1.6	71
66	Search for Transient Gravitational-wave Signals Associated with Magnetar Bursts during Advanced LIGO's Second Observing Run. <i>Astrophysical Journal</i> , 2019, 874, 163.	1.6	26
67	Modelling depletion by re-accretion of gas from a dusty disc in post-AGB stars. <i>Astronomy and Astrophysics</i> , 2019, 629, A49.	2.1	27
68	Tests of general relativity with the binary black hole signals from the LIGO-Virgo catalog GWTC-1. <i>Physical Review D</i> , 2019, 100, .	1.6	470
69	Search for Gravitational-wave Signals Associated with Gamma-Ray Bursts during the Second Observing Run of Advanced LIGO and Advanced Virgo. <i>Astrophysical Journal</i> , 2019, 886, 75.	1.6	29
70	Search for gravitational waves from Scorpius X-1 in the second Advanced LIGO observing run with an improved hidden Markov model. <i>Physical Review D</i> , 2019, 100, .	1.6	46
71	Properties of the Binary Neutron Star Merger GW170817. <i>Physical Review X</i> , 2019, 9, .	2.8	728
72	Semi-analytic modelling of the europium production by neutron star mergers in the halo of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 4397-4410.	1.6	3

#	ARTICLE	IF	CITATIONS
73	Effects of data quality vetoes on a search for compact binary coalescences in Advanced LIGO's first observing run. <i>Classical and Quantum Gravity</i> , 2018, 35, 065010.	1.5	94
74	All-sky search for long-duration gravitational wave transients in the first Advanced LIGO observing run. <i>Classical and Quantum Gravity</i> , 2018, 35, 065009.	1.5	18
75	The fast transient sky with Gaia. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 3854-3862.	1.6	13
76	Physical properties of AM CVn stars: New insights from <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2018, 620, A141.	2.1	60
77	Orbital properties of binary post-AGB stars. <i>Astronomy and Astrophysics</i> , 2018, 620, A85.	2.1	62
78	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A11.	2.1	323
79	High mass X-ray binaries as progenitors of gravitational wave sources. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 417-425.	0.0	5
80	LISA verification binaries with updated distances from Gaia Data Release 2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 302-309.	1.6	126
81	Calibration of advanced Virgo and reconstruction of the gravitational wave signal $h(t)$ (t) T_j $ETQq1$ 1 0.784314 $rgBT$ / $Over$	1.5	41
82	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A13.	2.1	78
83	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A14.	2.1	140
84	Status of Advanced Virgo. <i>EPJ Web of Conferences</i> , 2018, 182, 02003.	0.1	9
85	Full band all-sky search for periodic gravitational waves in the O1 LIGO data. <i>Physical Review D</i> , 2018, 97, .	1.6	46
86	Constraints on cosmic strings using data from the first Advanced LIGO observing run. <i>Physical Review D</i> , 2018, 97, .	1.6	88
87	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A10.	2.1	638
88	<i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A12.	2.1	491
89	ThunderKAT: The MeerKAT Large Survey Project for Image-Plane Radio Transients. , 2018, , .		9
90	Candidate $H\beta$ emission and absorption line sources in the Galactic Bulge Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 163-173.	1.6	6

#	ARTICLE	IF	CITATIONS
91	All-sky search for short gravitational-wave bursts in the first Advanced LIGO run. <i>Physical Review D</i> , 2017, 95, .	1.6	69
92	Effects of waveform model systematics on the interpretation of GW150914. <i>Classical and Quantum Gravity</i> , 2017, 34, 104002.	1.5	98
93	First Search for Gravitational Waves from Known Pulsars with Advanced LIGO. <i>Astrophysical Journal</i> , 2017, 839, 12.	1.6	131
94	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , 2017, 529, 1600209.	0.9	69
95	Upper Limits on Gravitational Waves from Scorpius X-1 from a Model-based Cross-correlation Search in Advanced LIGO Data. <i>Astrophysical Journal</i> , 2017, 847, 47.	1.6	46
96	Multi-messenger Observations of a Binary Neutron Star Merger [*] . <i>Astrophysical Journal Letters</i> , 2017, 848, L12.	3.0	2,805
97	Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. <i>Astrophysical Journal Letters</i> , 2017, 848, L13.	3.0	2,314
98	Search for intermediate mass black hole binaries in the first observing run of Advanced LIGO. <i>Physical Review D</i> , 2017, 96, .	1.6	73
99	All-sky search for periodic gravitational waves in the O1 LIGO data. <i>Physical Review D</i> , 2017, 96, .	1.6	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. <i>Astrophysical Journal</i> , 2017, 841, 89.	1.6	52
101	Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. <i>Physical Review D</i> , 2017, 96, .	1.6	40
102	Search for Post-merger Gravitational Waves from the Remnant of the Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017, 851, L16.	3.0	189
103	Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated with GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L39.	3.0	156
104	Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. <i>Astrophysical Journal Letters</i> , 2017, 850, L35.	3.0	135
105	Search for continuous gravitational waves from neutron stars in globular cluster NGC 6544. <i>Physical Review D</i> , 2017, 95, .	1.6	19
106	Search for gravitational waves from Scorpius X-1 in the first Advanced LIGO observing run with a hidden Markov model. <i>Physical Review D</i> , 2017, 95, .	1.6	59
107	Building blocks of the Milky Way's accreted spheroid. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 863-875.	1.6	3
108	Prospects for detection of detached double white dwarf binaries with Gaia, LSST and LISA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 1894-1910.	1.6	143

#	ARTICLE	IF	CITATIONS
109	Spectroscopic classification of X-ray sources in the Galactic Bulge Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4512-4529.	1.6	4
110	Status of the Advanced Virgo gravitational wave detector. <i>International Journal of Modern Physics A</i> , 2017, 32, 1744003.	0.5	6
111	A Spectroscopic Search for White Dwarf Companions to 101 Nearby M Dwarfs*. <i>Astrophysical Journal</i> , 2017, 850, 34.	1.6	12
112	First narrow-band search for continuous gravitational waves from known pulsars in advanced detector data. <i>Physical Review D</i> , 2017, 96, .	1.6	47
113	First low-frequency Einstein@Home all-sky search for continuous gravitational waves in Advanced LIGO data. <i>Physical Review D</i> , 2017, 96, .	1.6	60
114	On the Progenitor of Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L40.	3.0	73
115	GW170608: Observation of a 19 Solar-mass Binary Black Hole Coalescence. <i>Astrophysical Journal Letters</i> , 2017, 851, L35.	3.0	968
116	White dwarfs in the building blocks of the Galactic spheroid. <i>Astronomy and Astrophysics</i> , 2017, 607, A99.	2.1	0
117	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 605, A79.	2.1	78
118	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 601, A19.	2.1	77
119	Discovery of a high state AM CVn binary in the Galactic Bulge Survey. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 462, L106-L110.	1.2	18
120	Tiling strategies for optical follow-up of gravitational-wave triggers by telescopes with a wide field of view. <i>Astronomy and Astrophysics</i> , 2016, 592, A82.	2.1	30
121	The <i>Gaia</i> mission. <i>Astronomy and Astrophysics</i> , 2016, 595, A1.	2.1	4,509
122	SUPPLEMENT: THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914 (2016, <i>ApJL</i> , 833, L1). <i>Astrophysical Journal, Supplement Series</i> , 2016, 227, 14.	3.0	63
123	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2016, 595, A2.	2.1	1,590
124	Improved Analysis of GW150914 Using a Fully Spin-Precessing Waveform Model. <i>Physical Review X</i> , 2016, 6, .	2.8	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. <i>Physical Review D</i> , 2016, 94, .	1.6	31
126	THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914. <i>Astrophysical Journal Letters</i> , 2016, 833, L1.	3.0	230

#	ARTICLE	IF	CITATIONS
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.	3.0	210
129	Comprehensive all-sky search for periodic gravitational waves in the sixth science run LIGO data. Physical Review D, 2016, 94, .	1.6	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, .	1.6	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.	3.0	146
132	Directly comparing GW150914 with numerical solutions of Einsteinâ€™s equations for binary black hole coalescence. Physical Review D, 2016, 94, .	1.6	102
133	All-sky search for long-duration gravitational wave transients with initial LIGO. Physical Review D, 2016, 93, .	1.6	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, .	1.6	17
135	First low frequency all-sky search for continuous gravitational wave signals. Physical Review D, 2016, 93, .	1.6	32
136	Search for transient gravitational waves in coincidence with short-duration radio transients during 2007â€“2013. Physical Review D, 2016, 93, .	1.6	14
137	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. Physical Review D, 2016, 93, .	1.6	92
138	GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. Physical Review Letters, 2016, 116, 131102.	2.9	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.	3.0	44
140	Observing gravitational-wave transient GW150914 with minimal assumptions. Physical Review D, 2016, 93, .	1.6	119
141	Binary Black Hole Mergers in the First Advanced LIGO Observing Run. Physical Review X, 2016, 6, .	2.8	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.	1.6	15
143	THE FORMATION OF CATAclysmic VARIABLES: THE INFLUENCE OF NOVA ERUPTIONS. Astrophysical Journal, 2016, 817, 69.	1.6	52
144	Discovery of a long-lived, high-amplitude dusty infrared transient. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2822-2833.	1.6	5

#	ARTICLE	IF	CITATIONS
145	The Chandra Galactic Bulge Survey: optical catalogue and point-source counterparts to X-ray sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 4530-4546.	1.6	14
146	ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. <i>Astrophysical Journal Letters</i> , 2016, 818, L22.	3.0	633
147	LIVES and X-Shooter spectroscopy of the emission line AMÂCVn systems GP Com and V396 Hya. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1828-1841.	1.6	29
148	MeerLICHT and BlackGEM: custom-built telescopes to detect faint optical transients. <i>Proceedings of SPIE</i> , 2016, , .	0.8	27
149	Building Blocks of the Milky Way's Stellar Halo. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 373-374.	0.0	0
150	Population synthesis of classical low-mass X-ray binaries in the Galactic Bulge. <i>Astronomy and Astrophysics</i> , 2015, 579, A33.	2.1	16
151	Constraining the formation of black holes in short-period black hole low-mass X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3342-3356.	1.6	69
152	The relationship between X-ray luminosity and duty cycle for dwarf novae and their specific frequency in the inner Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 3455-3462.	1.6	18
153	Phase-resolved spectroscopy and <i>Kepler</i> photometry of the ultracompact AMÂCVn binary SDSSÂJ190817.07+394036.4. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 483-496.	1.6	21
154	Narrow-band search of continuous gravitational-wave signals from Crab and Vela pulsars in Virgo VSR4 data. <i>Physical Review D</i> , 2015, 91, .	1.6	37
155	Directed search for gravitational waves from Scorpius X-1 with initial LIGO data. <i>Physical Review D</i> , 2015, 91, .	1.6	47
156	The Advanced Virgo detector. <i>Journal of Physics: Conference Series</i> , 2015, 610, 012014.	0.3	27
157	CONSTRAINING THE PHYSICS OF AM CANUM VENATICORUM SYSTEMS WITH THE ACCRETION DISK INSTABILITY MODEL. <i>Astrophysical Journal</i> , 2015, 803, 19.	1.6	23
158	SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. <i>Astrophysical Journal</i> , 2015, 813, 39.	1.6	66
159	Advanced Virgo: a second-generation interferometric gravitational wave detector. <i>Classical and Quantum Gravity</i> , 2015, 32, 024001.	1.5	2,530
160	Localizing Gravitational Wave Sources with Optical Telescopes and Combining Electromagnetic and Gravitational Wave Data. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 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. <i>Classical and Quantum Gravity</i> , 2014, 31, 165013.	1.5	10
162	VARIABILITY OF OPTICAL COUNTERPARTS IN THE CHANDRA GALACTIC BULGE SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2014, 214, 10.	3.0	14

#	ARTICLE	IF	CITATIONS
163	CONSTRAINING PARAMETERS OF WHITE-DWARF BINARIES USING GRAVITATIONAL-WAVE AND ELECTROMAGNETIC OBSERVATIONS. <i>Astrophysical Journal</i> , 2014, 790, 161.	1.6	19
164	THE GALACTIC BULGE SURVEY: COMPLETION OF THE X-RAY SURVEY OBSERVATIONS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 210, 18.	3.0	29
165	HD 314884: a slowly pulsating B star in a close binary. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 1584-1590.	1.6	1
166	Near-infrared counterparts to the Galactic Bulge Survey X-ray source population. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 2839-2852.	1.6	11
167	Two new AM Canum Venaticorum binaries from the Sloan Digital Sky Survey III. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 2848-2853.	1.6	18
168	First all-sky search for continuous gravitational waves from unknown sources in binary systems. <i>Physical Review D</i> , 2014, 90, .	1.6	60
169	Constraints on Cosmic Strings from the LIGO-Virgo Gravitational-Wave Detectors. <i>Physical Review Letters</i> , 2014, 112, 131101.	2.9	68
170	Multimessenger search for sources of gravitational waves and high-energy neutrinos: Initial results for LIGO-Virgo and IceCube. <i>Physical Review D</i> , 2014, 90, .	1.6	29
171	The coupled effect of tides and stellar winds on the evolution of compact binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 542-557.	1.6	15
172	The AM Canum Venaticorum binary SDSS J173047.59+554518.5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 2894-2900.	1.6	13
173	Upper limits on the luminosity of the progenitor of Type Ia supernova SN 2014J. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 3400-3406.	1.6	26
174	MEASURING TIDES AND BINARY PARAMETERS FROM GRAVITATIONAL WAVE DATA AND ECLIPSING TIMINGS OF DETACHED WHITE DWARF BINARIES. <i>Astrophysical Journal</i> , 2014, 791, 76.	1.6	18
175	Identification of 23 accreting binaries in the Galactic Bulge Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 365-386.	1.6	21
176	CXOGBS J173620.2-293338: A CANDIDATE SYMBIOTIC X-RAY BINARY ASSOCIATED WITH A BULGE CARBON STAR. <i>Astrophysical Journal</i> , 2014, 780, 11.	1.6	24
177	Implementation of an F -statistic all-sky search for continuous gravitational waves in Virgo VSR1 data. <i>Classical and Quantum Gravity</i> , 2014, 31, 165014.	1.5	34
178	GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. <i>Astrophysical Journal</i> , 2014, 785, 119.	1.6	125
179	Application of a Hough search for continuous gravitational waves on data from the fifth LIGO science run. <i>Classical and Quantum Gravity</i> , 2014, 31, 085014.	1.5	21
180	The NINJA-2 project: detecting and characterizing gravitational waveforms modelled using numerical binary black hole simulations. <i>Classical and Quantum Gravity</i> , 2014, 31, 115004.	1.5	42

#	ARTICLE	IF	CITATIONS
181	Search for gravitational wave ringdowns from perturbed intermediate mass black holes in LIGO-Virgo data from 2005–2010. <i>Physical Review D</i> , 2014, 89, .	1.6	28
182	Search for gravitational radiation from intermediate mass black hole binaries in data from the second LIGO-Virgo joint science run. <i>Physical Review D</i> , 2014, 89, .	1.6	35
183	Methods and results of a search for gravitational waves associated with gamma-ray bursts using the GEO 600, LIGO, and Virgo detectors. <i>Physical Review D</i> , 2014, 89, .	1.6	29
184	Observational Clues to the Progenitors of Type Ia Supernovae. <i>Annual Review of Astronomy and Astrophysics</i> , 2014, 52, 107-170.	8.1	711
185	Binary white dwarfs in the halo of the Milky Way. <i>Astronomy and Astrophysics</i> , 2014, 569, A42.	2.1	10
186	On double-degenerate type Ia supernova progenitors as supersoft X-ray sources. <i>Astronomy and Astrophysics</i> , 2014, 563, A16.	2.1	8
187	Search for long-lived gravitational-wave transients coincident with long gamma-ray bursts. <i>Physical Review D</i> , 2013, 88, .	1.6	31
188	A search for the hidden population of AM CVn binaries in the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 2143-2160.	1.6	60
189	A determination of the space density and birth rate of hydrogen-line (DA) white dwarfs in the Galactic plane, based on the UVEX survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 2727-2741.	1.6	9
190	Population synthesis of triple systems in the context of mergers of carbon–oxygen white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 2262-2280.	1.6	93
191	Prospects for observing ultracompact binaries with space-based gravitational wave interferometers and optical telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 2361-2365.	1.6	20
192	Time-resolved X-Shooter spectra and RXTE light curves of the ultra-compact X-ray binary candidate 4U 0614+091.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 2986-2996.	1.6	8
193	IGR J19308+0530: Roche lobe overflow on to a compact object from a donor 1.8 times as massive. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 431, L10-L14.	1.2	6
194	Orbital periods and accretion disc structure of four AM CVn systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 2048-2060.	1.6	19
195	Upper limits on bolometric luminosities of three Type Ia supernova progenitors: new results in the ongoing Chandra archival search for Type Ia supernova progenitors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 187-193.	1.6	11
196	DISCOVERY OF A NEW KIND OF EXPLOSIVE X-RAY TRANSIENT NEAR M86. <i>Astrophysical Journal</i> , 2013, 779, 14.	1.6	52
197	The helium-rich cataclysmic variable SBSS J1108+574. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 372-382.	1.6	18
198	IDENTIFICATION OF FIVE INTERACTING BINARIES IN THE GALACTIC BULGE SURVEY. <i>Astrophysical Journal</i> , 2013, 769, 120.	1.6	20

#	ARTICLE	IF	CITATIONS
199	Using electromagnetic observations to aid gravitational-wave parameter estimation of compact binaries observed with LISA. <i>Astronomy and Astrophysics</i> , 2013, 553, A82.	2.1	14
200	Binary White Dwarfs in the Galactic Halo. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 431-431.	0.0	0
201	Obscuration of supersoft X-ray sources by circumbinary material. <i>Astronomy and Astrophysics</i> , 2013, 549, A32.	2.1	21
202	The effect of common-envelope evolution on the visible population of post-common-envelope binaries. <i>Astronomy and Astrophysics</i> , 2013, 557, A87.	2.1	100
203	Single degenerate supernova type Ia progenitors. <i>Astronomy and Astrophysics</i> , 2013, 552, A24.	2.1	50
204	Population synthesis of ultracompact X-ray binaries in the Galactic bulge. <i>Astronomy and Astrophysics</i> , 2013, 552, A69.	2.1	39
205	Low-frequency gravitational-wave science with eLISA/NGO. <i>Classical and Quantum Gravity</i> , 2012, 29, 124016.	1.5	391
206	Formation of the planet around the millisecond pulsar J1719+1438. <i>Astronomy and Astrophysics</i> , 2012, 541, A22.	2.1	33
207	Type Ia supernovae in globular clusters: observational upper limits. <i>Astronomy and Astrophysics</i> , 2012, 539, A77.	2.1	8
208	Spectroscopic follow-up of ultraviolet-excess objects selected from the UVEX survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1235-1261.	1.6	12
209	Upper limits on bolometric luminosities of 10 Type Ia supernova progenitors from <i>Chandra</i> observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 2668-2676.	1.6	23
210	Radio sources in the <i>Chandra</i> Galactic Bulge Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 3057-3069.	1.6	20
211	GRAVITATIONAL-WAVE EMISSION FROM COMPACT GALACTIC BINARIES. <i>Astrophysical Journal</i> , 2012, 758, 131.	1.6	100
212	Supernova Type Ia progenitors from merging double white dwarfs. <i>Astronomy and Astrophysics</i> , 2012, 546, A70.	2.1	210
213	The evolution of ultracompact X-ray binaries. <i>Astronomy and Astrophysics</i> , 2012, 537, A104.	2.1	61
214	IDENTIFICATION OF GALACTIC BULGE SURVEY X-RAY SOURCES WITH TYCHO-2 STARS. <i>Astrophysical Journal</i> , 2012, 761, 162.	1.6	14
215	On the point mass approximation to calculate the gravitational wave signal from white dwarf binaries. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 425, L24-L27.	1.2	5
216	PG 1018+047: the longest period subdwarf B binary. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 2798-2808.	1.6	34

#	ARTICLE	IF	CITATIONS
217	Long-term luminosity behavior of 14 ultracompact X-ray binaries. <i>Astronomy and Astrophysics</i> , 2012, 543, A121.	2.1	27
218	Using electromagnetic observations to aid gravitational-wave parameter estimation of compact binaries observed with LISA. <i>Astronomy and Astrophysics</i> , 2012, 544, A153.	2.1	37
219	THE X-RAY QUIESCENCE OF SWIFT J195509.6+261406 (GRB 070610): AN OPTICAL BURSTING X-RAY BINARY?. <i>Astrophysical Journal Letters</i> , 2011, 729, L21.	3.0	12
220	A DEEP RADIO SURVEY OF HARD STATE AND QUIESCENT BLACK HOLE X-RAY BINARIES. <i>Astrophysical Journal Letters</i> , 2011, 739, L18.	3.0	42
221	Obscuring Supersoft X-ray Sources in Stellar Winds. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 140-144.	0.0	0
222	Theoretical Delay Time Distributions. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 225-231.	0.0	2
223	Double White Dwarf Merger Rates. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 223-224.	0.0	0
224	Single Degenerate Progenitors of Type Ia Supernovae. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 248-250.	0.0	0
225	SDSS J0926+3624: the shortest period eclipsing binary star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 1113-1129.	1.6	47
226	Discovery of a stripped red giant core in a bright eclipsing binary system... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 1156-1164.	1.6	58
227	The binary companion of PSR J1740+3052. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011, 412, L63-L67.	1.2	10
228	On the association of ULXs with young superclusters: M82 X-1 and a new candidate in NGC 7479. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011, 418, L124-L128.	1.2	17
229	Stellar variability on time-scales of minutes: results from the first 5 years of the Rapid Temporal Survey... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 2696-2708.	1.6	16
230	THE GALACTIC BULGE SURVEY: OUTLINE AND X-RAY OBSERVATIONS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 194, 18.	3.0	64
231	THE FORMATION OF THE ECCENTRIC-ORBIT MILLISECOND PULSAR J1903+0327 AND THE ORIGIN OF SINGLE MILLISECOND PULSARS. <i>Astrophysical Journal</i> , 2011, 734, 55.	1.6	53
232	Binaries discovered by the SPY survey. <i>Astronomy and Astrophysics</i> , 2011, 528, L16.	2.1	17
233	ULTRACAM observations of SDSS J0926+3624: The first known eclipsing AM CVn star. , 2011, , .		0
234	SPECTROSCOPIC EVIDENCE FOR A 5.4 MINUTE ORBITAL PERIOD IN HM CANCRI. <i>Astrophysical Journal Letters</i> , 2010, 711, L138-L142.	3.0	73

#	ARTICLE	IF	CITATIONS
235	The double-peaked 2008 outburst of the accreting milli-second X-ray pulsar, IGR J00291+5934. <i>Astronomy and Astrophysics</i> , 2010, 517, A72.	2.1	27
236	Finding Supernova Ia Progenitors with the Chandra X-ray Observatory. , 2010, , .		0
237	A CENSUS OF AM CVn STARS: THREE NEW CANDIDATES AND ONE CONFIRMED 48.3-MINUTE BINARY. <i>Astrophysical Journal</i> , 2010, 708, 456-461.	1.6	32
238	Hot subdwarfs in binary systems and the nature of their unseen companions. <i>Astrophysics and Space Science</i> , 2010, 329, 91-99.	0.5	6
239	Population synthesis of Galactic subdwarf B stars. <i>Astrophysics and Space Science</i> , 2010, 329, 25-31.	0.5	39
240	Ultra-compact (X-ray) binaries. <i>New Astronomy Reviews</i> , 2010, 54, 87-92.	5.2	61
241	The Type Ib supernova 2010O: an explosion in a Wolf-Rayet X-ray binary?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 405, L71-L75.	1.2	8
242	The chemical composition of donors in AM CVn stars and ultracompact X-ray binaries: observational tests of their formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 1347-1359.	1.6	91
243	A faint type of supernova from a white dwarf with a helium-rich companion. <i>Nature</i> , 2010, 465, 322-325.	13.7	273
244	New population synthesis model Preliminary results for close double white dwarf populations. , 2010, , .		0
245	Ultra-Compact X-ray Binaries in the Galactic Bulge. , 2010, , .		0
246	A New Population Synthesis Model: Preliminary Results for Close Double White Dwarf Populations. , 2010, , .		2
247	Finding Supernova Ia Progenitors with the Chandra X-ray Observatory. , 2010, , .		0
248	Gravitational settling in pulsating subdwarf B stars and their progenitors. <i>Astronomy and Astrophysics</i> , 2010, 511, A87.	2.1	21
249	THE EXPANDING BIPOLAR SHELL OF THE HELIUM NOVA V445 PUPPIS. <i>Astrophysical Journal</i> , 2009, 706, 738-746.	1.6	84
250	THE FIRST ACCURATE PARALLAX DISTANCE TO A BLACK HOLE. <i>Astrophysical Journal</i> , 2009, 706, L230-L234.	1.6	151
251	The Galactic gravitational wave foreground. <i>Classical and Quantum Gravity</i> , 2009, 26, 094030.	1.5	63
252	SDSS J080449.49+161624.8: a peculiar AM CVn star from a colour-selected sample of candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 367-374.	1.6	28

#	ARTICLE	IF	CITATIONS
253	The formation of the black hole in the X-ray binary system V404 Cyg. Monthly Notices of the Royal Astronomical Society, 2009, 394, 1440-1448.	1.6	33
254	RAT J1953+1859: a dwarf nova discovered through high amplitude QPOs in quiescence. Monthly Notices of the Royal Astronomical Society, 2009, 398, 1333-1338.	1.6	4
255	SDSS unveils a population of intrinsically faint cataclysmic variables at the minimum orbital period. Monthly Notices of the Royal Astronomical Society, 2009, 397, 2170-2188.	1.6	201
256	The UV-Excess survey of the northern Galactic plane. Monthly Notices of the Royal Astronomical Society, 2009, 399, 323-339.	1.6	46
257	A survey for post-common-envelope binary stars using GALEX and SDSS photometry. Monthly Notices of the Royal Astronomical Society, 2009, 400, 2012-2021.	1.6	12
258	The influence of short-term variations in AM CVn systems on LISA measurements. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 400, L24-L28.	1.2	8
259	Impact of helium diffusion and helium-flash-induced carbon production on gravity-mode pulsations in subdwarf B stars. Astronomy and Astrophysics, 2009, 508, 869-876.	2.1	30
260	Discovery of the progenitor of the type Ia supernova 2007on. Nature, 2008, 451, 802-804.	13.7	62
261	Limits on the X-ray and optical luminosity of the progenitor of the Type Ia supernova 2007sr. Monthly Notices of the Royal Astronomical Society, 2008, 388, 487-494.	1.6	19
262	On the detection of the progenitor of the type Ia supernova 2007on. Monthly Notices of the Royal Astronomical Society, 2008, 391, 290-296.	1.6	26
263	White dwarfs as astrophysical probes. Proceedings of the International Astronomical Union, 2008, 4, 299-306.	0.0	0
264	Optical and X-ray Observations of IGR J00291+5934 in Quiescence. Astrophysical Journal, 2008, 680, 615-619.	1.6	22
265	A Planetary Nebula around Nova V458 Vulpeculae Undergoing Flash Ionization. Astrophysical Journal, 2008, 688, L21-L24.	1.6	56
266	Observations of the 599 Hz Accreting X-ray Pulsar IGR J00291+5934 during the 2004 Outburst and in Quiescence. Astrophysical Journal, 2008, 672, 1079-1090.	1.6	34
267	Southern infrared proper motion survey. Astronomy and Astrophysics, 2008, 486, 283-291.	2.1	13
268	A seismic approach to testing different formation channels of subdwarf B stars. Astronomy and Astrophysics, 2008, 490, 243-252.	2.1	38
269	Stellar fusion doesn't stop at helium. Physics Today, 2007, 60, 16-16.	0.3	0
270	Stellar fusion doesn't stop at helium. Physics Today, 2007, 60, 16-16.	0.3	0

#	ARTICLE	IF	CITATIONS
271	Faint Thermonuclear Supernovae from AM Canum Venaticorum Binaries. <i>Astrophysical Journal</i> , 2007, 662, L95-L98.	1.6	310
272	<i>Hubble Space Telescope</i> Parallaxes of AM CVn Stars and Astrophysical Consequences. <i>Astrophysical Journal</i> , 2007, 666, 1174-1188.	1.6	81
273	An evolutionary study of the pulsating subdwarf B eclipsing binary PG 1336-018 (NY Virginis). <i>Astronomy and Astrophysics</i> , 2007, 473, 569-577.	2.1	34
274	DE Canum Venaticorum: a bright, eclipsing red dwarfâ€“white dwarf binary. <i>Astronomy and Astrophysics</i> , 2007, 466, 1031-1041.	2.1	22
275	Detection of the radial velocity curve of the B5-A0 supergiant companion star of Cir X-1?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 374, 999-1005.	1.6	50
276	ULTRACAM photometry of the ultracompact binaries V407 Vul and HM Cnc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 374, 1334-1346.	1.6	24
277	On the orbital periods of the AM CVn stars HP Librae and V803 Centauri. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 379, 176-182.	1.6	31
278	The long-period AM CVn star SDSS J155252.48+32 0150.9. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 382, 1643-1647.	1.6	16
279	The population of AM CVn stars from the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 382, 685-692.	1.6	63
280	The binary properties of the pulsating subdwarf B eclipsing binary PG 1336-018 (NY Virginis). <i>Astronomy and Astrophysics</i> , 2007, 471, 605-615.	2.1	66
281	Probing cosmic chemical evolution with gamma-ray bursts: GRBâ€™060206 at $z = 4.048$. <i>Astronomy and Astrophysics</i> , 2006, 451, L47-L50.	2.1	149
282	Ultracompact binary stars. <i>Physics Today</i> , 2006, 59, 26-31.	0.3	3
283	Multiwavelength Observations of EXO 0748âˆ’676. II. Emissionâ€“Line Behavior. <i>Astrophysical Journal</i> , 2006, 648, 1169-1180.	1.6	33
284	GEMINI Spectroscopy of the Ultracompact Binary Candidate V407 Vulpeculae. <i>Astrophysical Journal</i> , 2006, 649, 382-388.	1.6	17
285	Spitzer Reveals Infrared Optically Thin Synchrotron Emission from the Compact Jet of the Neutron Star X-Ray Binary 4U 0614+091. <i>Astrophysical Journal</i> , 2006, 643, L41-L44.	1.6	52
286	A ZZ Ceti white dwarf in SDSS J133941.11+484727.5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 365, 969-976.	1.6	40
287	The neutron star soft X-ray transient 1H 1905+000 in quiescence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 368, 1803-1810.	1.6	35
288	Faint supernovae and supernova impostors: case studies of SN 2002kg/NGC 2403-V37 and SN 2003gm. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 369, 390-406.	1.6	69

#	ARTICLE	IF	CITATIONS
289	Optical spectroscopy of (candidate) ultracompact X-ray binaries: constraints on the composition of the donor stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 370, 255-262.	1.6	76
290	Kinematics of the ultracompact helium accretor AM Canum Venaticorum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 1231-1242.	1.6	55
291	Short time-scale variability in the Faint Sky Variability Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 1681-1692.	1.6	10
292	Astrophysics of white dwarf binaries. <i>AIP Conference Proceedings</i> , 2006, , .	0.3	5
293	Optical identification of IGR J19140+0951. <i>Astronomy and Astrophysics</i> , 2006, 448, 1101-1106.	2.1	9
294	The origin and fate of short-period low-mass black-hole binaries. <i>Astronomy and Astrophysics</i> , 2006, 454, 559-569.	2.1	65
295	XMM-Newton observations of AM CVn binaries: V396 Hya and SDSS J1240â€“01. <i>Astronomy and Astrophysics</i> , 2006, 457, 623-627.	2.1	25
296	The Thermal State of the Accreting White Dwarf in AM Canum Venaticorum Binaries. <i>Astrophysical Journal</i> , 2006, 640, 466-473.	1.6	60
297	LISA Astronomy of Double White Dwarf Binary Systems. <i>Astrophysical Journal</i> , 2005, 633, L33-L36.	1.6	27
298	Arbitrarily Degenerate Helium White Dwarfs as Donors in AM Canum Venaticorum Binaries. <i>Astrophysical Journal</i> , 2005, 624, 934-945.	1.6	47
299	The radial velocity of the companion star in the low-mass X-ray binary 2S 0921-630: limits on the mass of the compact object. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 356, 621-626.	1.6	34
300	Reconstructing the evolution of white dwarf binaries: further evidence for an alternative algorithm for the outcome of the common-envelope phase in close binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 356, 753-764.	1.6	182
301	Geometrical constraints upon the unipolar model of V407 Vul and RXJ0806.3+1527. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 357, 1306-1312.	1.6	17
302	Six detached white-dwarf close binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 359, 648-662.	1.6	52
303	SDSS J124058.03-015919.2: a new AM CVn star with a 37-min orbital period. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 361, 487-494.	1.6	55
304	Period changes in ultracompact double white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 363, 581-585.	1.6	18
305	Phase-resolved spectroscopy of the helium dwarf nova â€“SN 2003awâ€™ in quiescence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 365, 1109-1113.	1.6	34
306	Optical spectroscopy of (candidate) ultra-compact X-ray binaries. <i>AIP Conference Proceedings</i> , 2005, , .	0.3	1

#	ARTICLE	IF	CITATIONS
307	Simulation of the white dwarf "white dwarf galactic background in the LISA data. Classical and Quantum Gravity, 2005, 22, S913-S926.	1.5	10
308	White-dwarf "white-dwarf galactic background in the LISA data. Physical Review D, 2005, 71, .	1.6	36
309	Identification of 13 DB+AdM and 2 DC+AdM binaries from the Sloan Digital Sky Survey. Astronomy and Astrophysics, 2005, 434, L13-L16.	2.1	6
310	Cygnus X-3 and the problem of the missing Wolf-Rayet X-ray binaries. Astronomy and Astrophysics, 2005, 443, 231-241.	2.1	49
311	XMM-Newton observations of AM CVn binaries. Astronomy and Astrophysics, 2005, 440, 675-681.	2.1	22
312	Binaries discovered by the SPY project. Astronomy and Astrophysics, 2005, 440, 1087-1095.	2.1	80
313	Short-period AM CVn systems as optical, X-ray and gravitational-wave sources. Monthly Notices of the Royal Astronomical Society, 2004, 349, 181-192.	1.6	209
314	Optical spectra of the carbon-oxygen accretion discs in the ultra-compact X-ray binaries 4U 0614+09, 4U 1543+624 and 2S 0918+549. Monthly Notices of the Royal Astronomical Society, 2004, 348, L7-L11.	1.6	91
315	Mass transfer between double white dwarfs. Monthly Notices of the Royal Astronomical Society, 2004, 350, 113-128.	1.6	226
316	The distances to Galactic low-mass X-ray binaries: consequences for black hole luminosities and kicks. Monthly Notices of the Royal Astronomical Society, 2004, 354, 355-366.	1.6	253
317	Recycled pulsars with black hole companions: the high-mass analogues of PSR B2303+46. Monthly Notices of the Royal Astronomical Society, 2004, 354, L49-L53.	1.6	22
318	Close binary EHB stars from SPY. Astrophysics and Space Science, 2004, 291, 321-328.	0.5	129
319	The Faint Sky Variability Survey – I. Goals and data reduction process. Monthly Notices of the Royal Astronomical Society, 2003, 339, 427-434.	1.6	26
320	Chandra observations of the neutron star soft X-ray transient RX J170930.2 - 263927 returning to quiescence. Monthly Notices of the Royal Astronomical Society, 2003, 341, 823-831.	1.6	34
321	A search for the optical and near-infrared counterpart of the accreting millisecond X-ray pulsar XTE J1751+305. Monthly Notices of the Royal Astronomical Society, 2003, 344, 201-206.	1.6	10
322	Gravitational waves from double white dwarfs and AM CVn binaries. Classical and Quantum Gravity, 2003, 20, S81-S87.	1.5	14
323	Binaries discovered by the SPY project. Astronomy and Astrophysics, 2003, 410, 663-669.	2.1	26
324	Constraints on AM CVn Formation Channels from Modelling the Composition of their Discs. , 2003, , 359-360.		2

#	ARTICLE	IF	CITATIONS
325	Binaries discovered by the SPY project. <i>Astronomy and Astrophysics</i> , 2002, 386, 957-963.	2.1	44
326	On the formation of neon-enriched donor stars in ultracompact X-ray binaries. <i>Astronomy and Astrophysics</i> , 2002, 388, 546-551.	2.1	62
327	Population synthesis for double white dwarfs. <i>Astronomy and Astrophysics</i> , 2001, 368, 939-949.	2.1	235
328	Population synthesis for double white dwarfs. <i>Astronomy and Astrophysics</i> , 2001, 365, 491-507.	2.1	307
329	The gravitational wave signal from the Galactic disk population of binaries containing two compact objects. <i>Astronomy and Astrophysics</i> , 2001, 375, 890-898.	2.1	349
330	Fun for Two. Symposium - International Astronomical Union, 2001, 200, 505-510.	0.1	2
331	The Quiescent Spectrum of the AM Canum Venaticorum Star CP Eridani. <i>Astrophysical Journal</i> , 2001, 558, L123-L127.	1.6	27
332	Spectroscopic evidence for the binary nature of AM CVn. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 326, 621-627.	1.6	29
333	Binaries for LISA. <i>Classical and Quantum Gravity</i> , 2001, 18, 4005-4011.	1.5	6
334	Search for progenitors of supernovae type Ia with SPY. , 2001, 322, 411.		3
335	The Population of Close Double White Dwarfs in the Galaxy. <i>Astrophysics and Space Science Library</i> , 2001, , 339-354.	1.0	4
336	The formation of black hole low-mass X-ray binaries: Through case B or case C mass transfer?. <i>Astronomy and Astrophysics</i> , 2001, 376, 950-954.	2.1	25
337	High-resolution UVES/VLT spectra of white dwarfs observed for the ESO SN Ia progenitor survey (SPY). I.. <i>Astronomy and Astrophysics</i> , 2001, 378, 556-568.	2.1	121
338	Constraints on Mass Ejection in Black Hole Formation Derived from Black Hole X-Ray Binaries. , 0, , 312-313.		2
339	Search for Double Degenerate Progenitors of Supernovae Type Ia with SPY. , 0, , 134-139.		0
340	The Galactic distribution of X-ray binaries and its implications for compact object formation and natal kicks. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx027.	1.6	55