

Rosa Poggiani

List of Publications by Year in descending order

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Version: 2024-02-01

372
papers

66,844
citations

3919

88
h-index

640

256
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397
all docs

397
docs citations

397
times ranked

17522
citing authors

#	ARTICLE	IF	CITATIONS
1	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	1.8	20
2	Open data from the first and second observing runs of Advanced LIGO and Advanced Virgo. SoftwareX, 2021, 13, 100658.	1.2	275
3	Gravitational wave astronomy with compact binary mergers. , 2021, , .		0
4	Galactic and Extragalactic Novae – A Multiwavelength Review. , 2021, , .		1
5	Cataclysmic variables as multimessenger sources: the gravitational wave emission. , 2021, , .		0
6	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. Astrophysical Journal, 2021, 909, 218.	1.6	144
7	High-bandwidth beam balance for vacuum-weight experiment and Newtonian noise subtraction. European Physical Journal Plus, 2021, 136, 1.	1.2	7
8	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, .	1.6	43
9	Diving below the Spin-down Limit: Constraints on Gravitational Waves from the Energetic Young Pulsar PSR J0537-6910. Astrophysical Journal Letters, 2021, 913, L27.	3.0	32
10	Population Properties of Compact Objects from the Second LIGO–Virgo Gravitational-Wave Transient Catalog. Astrophysical Journal Letters, 2021, 913, L7.	3.0	514
11	Observation of Gravitational Waves from Two Neutron Star–Black Hole Coalescences. Astrophysical Journal Letters, 2021, 915, L5.	3.0	453
12	Tests of general relativity with binary black holes from the second LIGO-Virgo gravitational-wave transient catalog. Physical Review D, 2021, 103, .	1.6	338
13	Constraints on Cosmic Strings Using Data from the Third Advanced LIGO–Virgo Observing Run. Physical Review Letters, 2021, 126, 241102.	2.9	87
14	GWTC-2: Compact Binary Coalescences Observed by LIGO and Virgo during the First Half of the Third Observing Run. Physical Review X, 2021, 11, .	2.8	1,097
15	Upper limits on the isotropic gravitational-wave background from Advanced LIGO and Advanced Virgo’s third observing run. Physical Review D, 2021, 104, .	1.6	192
16	Search for anisotropic gravitational-wave backgrounds using data from Advanced LIGO and Advanced Virgo’s first three observing runs. Physical Review D, 2021, 104, .	1.6	62
17	Search for Gravitational Waves Associated with Gamma-Ray Bursts Detected by Fermi and Swift during the LIGO–Virgo Run O3a. Astrophysical Journal, 2021, 915, 86.	1.6	20
18	All-sky search for continuous gravitational waves from isolated neutron stars in the early O3 LIGO data. Physical Review D, 2021, 104, .	1.6	42

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	The advanced Virgo longitudinal control system for the O2 observing run. <i>Astroparticle Physics</i> , 2020, 116, 102386.	1.9	9
22	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2020, 23, 3.	8.2	447
23	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
24	GW190521: A Binary Black Hole Merger with a Total Mass of $150 M_{\odot}$. <i>Physical Review Letters</i> , 2020, 125, 101102.	2.9	35
25	Quantum Backaction on Kg-Scale Mirrors: Observation of Radiation Pressure Noise in the Advanced Virgo Detector. <i>Physical Review Letters</i> , 2020, 125, 131101.	2.9	35
26	GW190412: Observation of a binary-black-hole coalescence with asymmetric masses. <i>Physical Review D</i> , 2020, 102, .	1.6	394
27	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
28	Chandra High Energy Transmission Gratings Spectra of V3890 Sgr. <i>Astrophysical Journal</i> , 2020, 895, 80.	1.6	17
29	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
30	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
31	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
32	Advanced Virgo Status. <i>Journal of Physics: Conference Series</i> , 2020, 1342, 012010.	0.3	9
33	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
34	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
35	Gravitational-wave Constraints on the Equatorial Ellipticity of Millisecond Pulsars. <i>Astrophysical Journal Letters</i> , 2020, 902, L21.	3.0	65
36	Gravitational Waves from Accreting Sources. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
37	Multi-messenger Observations of a Binary Neutron Star Merger. , 2020, , .		0
38	High Energy Astrophysical Techniques. , 2020, , .		0
39	Gravitational waves from accreting systems. , 2020, , .		0
40	Narrow-band search for gravitational waves from known pulsars using the second LIGO observing run. Physical Review D, 2019, 99, .	1.6	60
41	Searches for Gravitational Waves from Known Pulsars at Two Harmonics in 2015â€“2017 LIGO Data. Astrophysical Journal, 2019, 879, 10.	1.6	88
42	All-sky search for continuous gravitational waves from isolated neutron stars using Advanced LIGO O2 data. Physical Review D, 2019, 100, .	1.6	102
43	All-sky search for short gravitational-wave bursts in the second Advanced LIGO and Advanced Virgo run. Physical Review D, 2019, 100, .	1.6	54
44	Tests of General Relativity with GW170817. Physical Review Letters, 2019, 123, 011102.	2.9	370
45	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.	1.6	72
46	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, .	1.6	52
47	Search for Substellar Mass Ultracompact Binaries in Advanced LIGOâ€™s Second Observing Run. Physical Review Letters, 2019, 123, 161102.	2.9	119
48	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.	3.0	566
49	Directional limits on persistent gravitational waves using data from Advanced LIGOâ€™s first two observing runs. Physical Review D, 2019, 100, .	1.6	52
50	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, .	2.8	2,022
51	Search for the isotropic stochastic background using data from Advanced LIGOâ€™s second observing run. Physical Review D, 2019, 100, .	1.6	200
52	A Standard Siren Measurement of the Hubble Constant from GW170817 without the Electromagnetic Counterpart. Astrophysical Journal Letters, 2019, 871, L13.	3.0	145
53	All-sky search for long-duration gravitational-wave transients in the second Advanced LIGO observing run. Physical Review D, 2019, 99, .	1.6	22
54	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.	1.6	32

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	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
58	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
59	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
60	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
61	Constraining the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle -\text{Mode} \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle g \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle -\text{Mode}$ Tidal Instability with GW170817. <i>Physical Review Letters</i> , 2019, 122, 061104.	2.9	36
62	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
63	Increasing the Astrophysical Reach of the Advanced Virgo Detector via the Application of Squeezed Vacuum States of Light. <i>Physical Review Letters</i> , 2019, 123, 231108.	2.9	254
64	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
65	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
66	Properties of the Binary Neutron Star Merger GW170817. <i>Physical Review X</i> , 2019, 9, .	2.8	728
67	Galactic and Extragalactic Novae - A Review. , 2019, , .		1
68	Multi-messenger Observations of a Binary Neutron Star Merger. , 2019, , .		1
69	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
70	GW170817: Implications for the Stochastic Gravitational-Wave Background from Compact Binary Coalescences. <i>Physical Review Letters</i> , 2018, 120, 091101.	2.9	166
71	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
72	First Search for Nontensorial Gravitational Waves from Known Pulsars. <i>Physical Review Letters</i> , 2018, 120, 031104.	2.9	68

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73	Status of the Advanced Virgo Gravitational Wave Detector. , 2018, , .		1
74	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2018, 21, 3.	8.2	808
75	Search for Substellar-Mass Ultracompact Binaries in Advanced LIGO's First Observing Run. Physical Review Letters, 2018, 121, 231103.	2.9	77
76	GW170817: Measurements of Neutron Star Radii and Equation of State. Physical Review Letters, 2018, 121, 161101.	2.9	1,473
77	Calibration of advanced Virgo and reconstruction of the gravitational wave signal $h(t)$ (t) Tj ETQq1 1 0.784314 rgBT /Over	1.5	41
78	Status of Advanced Virgo. EPJ Web of Conferences, 2018, 182, 02003.	0.1	9
79	Search for Tensor, Vector, and Scalar Polarizations in the Stochastic Gravitational-Wave Background. Physical Review Letters, 2018, 120, 201102.	2.9	85
80	Full band all-sky search for periodic gravitational waves in the O1 LIGO data. Physical Review D, 2018, 97, .	1.6	46
81	Constraints on cosmic strings using data from the first Advanced LIGO observing run. Physical Review D, 2018, 97, .	1.6	88
82	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1.		2
83	Multifrequency Behaviour of Galactic and Extragalactic Novae. , 2018, , .		0
84	Galactic and extragalactic novae - A Review. , 2018, , .		0
85	Cataclysmic variables as gravitational wave sources. , 2018, , .		0
86	Pre-maximum and maximum of Novae: The spectroscopic observations of Nova ASASSN-17hx. , 2018, , .		0
87	Galactic and Extragalactic Novae " An Updated Review. , 2018, , .		0
88	All-sky search for short gravitational-wave bursts in the first Advanced LIGO run. Physical Review D, 2017, 95, .	1.6	69
89	Effects of waveform model systematics on the interpretation of GW150914. Classical and Quantum Gravity, 2017, 34, 104002.	1.5	98
90	High Energy Astrophysical Techniques. UNITEXT for Physics, 2017, , .	0.1	4

#	ARTICLE	IF	CITATIONS
91	Upper Limits on the Stochastic Gravitational-Wave Background from Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2017, 118, 121101.	2.9	194
92	Directional Limits on Persistent Gravitational Waves from Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2017, 118, 121102.	2.9	84
93	First Search for Gravitational Waves from Known Pulsars with Advanced LIGO. <i>Astrophysical Journal</i> , 2017, 839, 12.	1.6	131
94	Optical, Infrared and Radio Astronomy. <i>UNITEXT for Physics</i> , 2017, , .	0.1	4
95	Radio and Submillimeter Astronomy: Receivers and Spectrometers. <i>UNITEXT for Physics</i> , 2017, , 129-136.	0.1	0
96	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , 2017, 529, 1600209.	0.9	69
97	Detectors Based on Ionization in Solid State Materials. <i>UNITEXT for Physics</i> , 2017, , 59-63.	0.1	0
98	GW170814: A Three-Detector Observation of Gravitational Waves from a Binary Black Hole Coalescence. <i>Physical Review Letters</i> , 2017, 119, 141101.	2.9	1,600
99	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
100	A gravitational-wave standard siren measurement of the Hubble constant. <i>Nature</i> , 2017, 551, 85-88.	13.7	674
101	GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral. <i>Physical Review Letters</i> , 2017, 119, 161101.	2.9	6,413
102	Multi-messenger Observations of a Binary Neutron Star Merger [*] . <i>Astrophysical Journal Letters</i> , 2017, 848, L12.	3.0	2,805
103	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
104	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
105	All-sky search for periodic gravitational waves in the O1 LIGO data. <i>Physical Review D</i> , 2017, 96, .	1.6	64
106	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
107	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
108	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

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109	Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated with GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L39.	3.0	156
110	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
111	GW170104: Observation of a 50-Solar-Mass Binary Black Hole Coalescence at Redshift 0.2. <i>Physical Review Letters</i> , 2017, 118, 221101.	2.9	1,987
112	Search for continuous gravitational waves from neutron stars in globular cluster NGC 6544. <i>Physical Review D</i> , 2017, 95, .	1.6	19
113	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
114	Status of the Advanced Virgo gravitational wave detector. <i>International Journal of Modern Physics A</i> , 2017, 32, 1744003.	0.5	6
115	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
116	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
117	On the Progenitor of Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L40.	3.0	73
118	GW170608: Observation of a 19 Solar-mass Binary Black Hole Coalescence. <i>Astrophysical Journal Letters</i> , 2017, 851, L35.	3.0	968
119	Optical Photometry. <i>UNITEXT for Physics</i> , 2017, , 75-89.	0.1	0
120	Radio and Submillimeter Astronomy: Radio Telescopes. <i>UNITEXT for Physics</i> , 2017, , 119-128.	0.1	0
121	Setting the Scene: High Energy Photons and Particles. <i>UNITEXT for Physics</i> , 2017, , 3-12.	0.1	0
122	Neutrino Astronomy. <i>UNITEXT for Physics</i> , 2017, , 115-121.	0.1	0
123	Ultraviolet and X-Ray Astronomy. <i>UNITEXT for Physics</i> , 2017, , 81-89.	0.1	0
124	Infrared Astronomy. <i>UNITEXT for Physics</i> , 2017, , 109-118.	0.1	0
125	Observing in High Energy Astrophysics. <i>UNITEXT for Physics</i> , 2017, , 147-157.	0.1	0
126	Interferometers. <i>UNITEXT for Physics</i> , 2017, , 147-151.	0.1	0

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127	Gamma Ray Astronomy. UNITEXT for Physics, 2017, , 91-104.	0.1	1
128	Detectors: General Characteristics. UNITEXT for Physics, 2017, , 39-42.	0.1	0
129	Telescopes: Ground Based or in Space?. UNITEXT for Physics, 2017, , 45-63.	0.1	0
130	Radiation-Matter Interactions. UNITEXT for Physics, 2017, , 13-26.	0.1	0
131	Scintillation Detector Systems. UNITEXT for Physics, 2017, , 51-58.	0.1	0
132	The transient OT J213806.6+261957 in Pegasus - Possible emitter of gravitational waves. , 2017, , .		0
133	The importance of transient X-ray sources for gravitational wave physics. , 2017, , .		0
134	Advanced Virgo Status. , 2017, , .		0
135	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. Classical and Quantum Gravity, 2016, 33, 134001.	1.5	225
136	SUPPLEMENT: “THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914” (2016, ApJL, 833, L1). Astrophysical Journal, Supplement Series, 2016, 227, 14.	3.0	63
137	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. Living Reviews in Relativity, 2016, 19, 1.	8.2	427
138	Improved Analysis of GW150914 Using a Fully Spin-Precessing Waveform Model. Physical Review X, 2016, 6, .	2.8	106
139	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, .	1.6	31
140	THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914. Astrophysical Journal Letters, 2016, 833, L1.	3.0	230
141	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. Astrophysical Journal Letters, 2016, 826, L13.	3.0	210
142	Comprehensive all-sky search for periodic gravitational waves in the sixth science run LIGO data. Physical Review D, 2016, 94, .	1.6	35
143	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
144	UPPER LIMITS ON THE RATES OF BINARY NEUTRON STAR AND NEUTRON STAR “BLACK HOLE MERGERS FROM ADVANCED LIGO”’S FIRST OBSERVING RUN. Astrophysical Journal Letters, 2016, 832, L21.	3.0	146

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145	Directly comparing GW150914 with numerical solutions of Einstein's equations for binary black hole coalescence. <i>Physical Review D</i> , 2016, 94, .	1.6	102
146	All-sky search for long-duration gravitational wave transients with initial LIGO. <i>Physical Review D</i> , 2016, 93, .	1.6	29
147	Search of the Orion spur for continuous gravitational waves using a loosely coherent algorithm on data from LIGO interferometers. <i>Physical Review D</i> , 2016, 93, .	1.6	17
148	First low frequency all-sky search for continuous gravitational wave signals. <i>Physical Review D</i> , 2016, 93, .	1.6	32
149	GW150914: First results from the search for binary black hole coalescence with Advanced LIGO. <i>Physical Review D</i> , 2016, 93, .	1.6	315
150	Search for transient gravitational waves in coincidence with short-duration radio transients during 2007–2013. <i>Physical Review D</i> , 2016, 93, .	1.6	14
151	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. <i>Physical Review D</i> , 2016, 93, .	1.6	92
152	GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. <i>Physical Review Letters</i> , 2016, 116, 131102.	2.9	269
153	GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. <i>Physical Review Letters</i> , 2016, 116, 131103.	2.9	466
154	SUPPLEMENT: LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914 (2016, <i>ApJL</i> , 826, L13). <i>Astrophysical Journal, Supplement Series</i> , 2016, 225, 8.	3.0	44
155	Observing gravitational-wave transient GW150914 with minimal assumptions. <i>Physical Review D</i> , 2016, 93, .	1.6	119
156	Tests of General Relativity with GW150914. <i>Physical Review Letters</i> , 2016, 116, 221101.	2.9	1,224
157	Properties of the Binary Black Hole Merger GW150914. <i>Physical Review Letters</i> , 2016, 116, 241102.	2.9	673
158	GW151226: Observation of Gravitational Waves from a 22-Solar-Mass Binary Black Hole Coalescence. <i>Physical Review Letters</i> , 2016, 116, 241103.	2.9	2,701
159	Binary Black Hole Mergers in the First Advanced LIGO Observing Run. <i>Physical Review X</i> , 2016, 6, .	2.8	898
160	ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. <i>Astrophysical Journal Letters</i> , 2016, 818, L22.	3.0	633
161	Observation of Gravitational Waves from a Binary Black Hole Merger. <i>Physical Review Letters</i> , 2016, 116, 061102.	2.9	8,753
162	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. , 2016, 19, 1.		1

#	ARTICLE	IF	CITATIONS
163	The Nova V5584 Sgr: A Short Review. Acta Polytechnica CTU Proceedings, 2015, 2, 234-237.	0.3	0
164	Narrow-band search of continuous gravitational-wave signals from Crab and Vela pulsars in Virgo VSR4 data. Physical Review D, 2015, 91, .	1.6	37
165	Searching for stochastic gravitational waves using data from the two colocated LIGO Hanford detectors. Physical Review D, 2015, 91, .	1.6	39
166	Directed search for gravitational waves from Scorpius X-1 with initial LIGO data. Physical Review D, 2015, 91, .	1.6	47
167	Characterization of the LIGO detectors during their sixth science run. Classical and Quantum Gravity, 2015, 32, 115012.	1.5	1,029
168	The Advanced Virgo detector. Journal of Physics: Conference Series, 2015, 610, 012014.	0.3	27
169	SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. Astrophysical Journal, 2015, 813, 39.	1.6	66
170	Advanced Virgo: a second-generation interferometric gravitational wave detector. Classical and Quantum Gravity, 2015, 32, 024001.	1.5	2,530
171	Early spectroscopic observations of four extragalactic novae. New Astronomy, 2015, 37, 9-14.	0.8	0
172	ADVANCED VIRGO INTERFEROMETER: A SECOND GENERATION DETECTOR FOR GRAVITATIONAL WAVES OBSERVATION. , 2015, , .		0
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361	Improvements on the test mass suspensions of the VIRGO laser interferometer gravitational wave detector. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1995, 199, 307-314.	0.9	2
362	Low noise wideband accelerometer using an inductive displacement sensor. <i>Review of Scientific Instruments</i> , 1995, 66, 2672-2676.	0.6	21
363	Improvements at low frequency in the interferometric test of the suspensions of the Virgo gravitational wave antenna. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1994, 184, 179-183.	0.9	2
364	Test of an interferometric sapphire transducer with the super attenuator of the VIRGO gravitational wave antenna. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1994, 189, 141-144.	0.9	0
365	Beam parameters and characterization technique. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1994, 85, 716-721.	0.6	1
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367	Adiabatic cooling of antiprotons in a Penning trap. <i>Hyperfine Interactions</i> , 1993, 76, 281-284.	0.2	3
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