

László Á. Gergely

List of Publications by Year in descending order

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232
papers

50,169
citations

14644

66
h-index

2076

204
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236
docs citations

236
times ranked

17690
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Gravitational Waves from a Binary Black Hole Merger. <i>Physical Review Letters</i> , 2016, 116, 061102.	2.9	8,753
2	GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral. <i>Physical Review Letters</i> , 2017, 119, 161101.	2.9	6,413
3	Multi-messenger Observations of a Binary Neutron Star Merger [*] . <i>Astrophysical Journal Letters</i> , 2017, 848, L12.	3.0	2,805
4	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
5	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
6	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
7	Advanced LIGO. <i>Classical and Quantum Gravity</i> , 2015, 32, 074001.	1.5	1,929
8	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
9	GW170817: Measurements of Neutron Star Radii and Equation of State. <i>Physical Review Letters</i> , 2018, 121, 161101.	2.9	1,473
10	Tests of General Relativity with GW150914. <i>Physical Review Letters</i> , 2016, 116, 221101.	2.9	1,224
11	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
12	Characterization of the LIGO detectors during their sixth science run. <i>Classical and Quantum Gravity</i> , 2015, 32, 115012.	1.5	1,029
13	GW170608: Observation of a 19 Solar-mass Binary Black Hole Coalescence. <i>Astrophysical Journal Letters</i> , 2017, 851, L35.	3.0	968
14	Binary Black Hole Mergers in the First Advanced LIGO Observing Run. <i>Physical Review X</i> , 2016, 6, .	2.8	898
15	Enhanced sensitivity of the LIGO gravitational wave detector by using squeezed states of light. <i>Nature Photonics</i> , 2013, 7, 613-619.	15.6	825
16	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2018, 21, 3.	8.2	808
17	Exploring the sensitivity of next generation gravitational wave detectors. <i>Classical and Quantum Gravity</i> , 2017, 34, 044001.	1.5	735
18	A gravitational wave observatory operating beyond the quantum shot-noise limit. <i>Nature Physics</i> , 2011, 7, 962-965.	6.5	716

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19	A gravitational-wave standard siren measurement of the Hubble constant. <i>Nature</i> , 2017, 551, 85-88.	13.7	674
20	Properties of the Binary Black Hole Merger GW150914. <i>Physical Review Letters</i> , 2016, 116, 241102.	2.9	673
21	ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. <i>Astrophysical Journal Letters</i> , 2016, 818, L22.	3.0	633
22	GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. <i>Physical Review Letters</i> , 2016, 116, 131103.	2.9	466
23	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
24	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. <i>Living Reviews in Relativity</i> , 2016, 19, 1.	8.2	427
25	GW150914: First results from the search for binary black hole coalescence with Advanced LIGO. <i>Physical Review D</i> , 2016, 93, .	1.6	315
26	GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. <i>Physical Review Letters</i> , 2016, 116, 131102.	2.9	269
27	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
28	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , 2016, 33, 134001.	1.5	225
29	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , 2016, 826, L13.	3.0	210
30	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
31	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
32	Search for gravitational waves from low mass compact binary coalescence in LIGO's sixth science run and Virgo's science runs 2 and 3. <i>Physical Review D</i> , 2012, 85, .	1.6	185
33	First Measurement of the Hubble Constant from a Dark Standard Siren using the Dark Energy Survey Galaxies and the LIGO/Virgo Binary's Black-hole Merger GW170814. <i>Astrophysical Journal Letters</i> , 2019, 876, L7.	3.0	179
34	GW170817: Implications for the Stochastic Gravitational-Wave Background from Compact Binary Coalescences. <i>Physical Review Letters</i> , 2018, 120, 091101.	2.9	166
35	Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated with GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L39.	3.0	156
36	UPPER LIMITS ON THE RATES OF BINARY NEUTRON STAR AND NEUTRON STAR-BLACK HOLE MERGERS FROM ADVANCED LIGO'S FIRST OBSERVING RUN. <i>Astrophysical Journal Letters</i> , 2016, 832, L21.	3.0	146

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Parameter estimation for compact binary coalescence signals with the first generation gravitational-wave detector network. <i>Physical Review D</i> , 2013, 88, .	1.6	132
40	First Search for Gravitational Waves from Known Pulsars with Advanced LIGO. <i>Astrophysical Journal</i> , 2017, 839, 12.	1.6	131
41	GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. <i>Astrophysical Journal</i> , 2014, 785, 119.	1.6	125
42	Observing gravitational-wave transient GW150914 with minimal assumptions. <i>Physical Review D</i> , 2016, 93, .	1.6	119
43	Self-interaction spin effects in inspiralling compact binaries. <i>Physical Review D</i> , 2005, 71, .	1.6	115
44	Brane-world stars with a solid crust and vacuum exterior. <i>Classical and Quantum Gravity</i> , 2015, 32, 045015.	1.5	108
45	All-sky search for gravitational-wave bursts in the second joint LIGO-Virgo run. <i>Physical Review D</i> , 2012, 85, .	1.6	107
46	Improved Analysis of GW150914 Using a Fully Spin-Precessing Waveform Model. <i>Physical Review X</i> , 2016, 6, .	2.8	106
47	SEARCH FOR GRAVITATIONAL WAVES ASSOCIATED WITH GAMMA-RAY BURSTS DURING LIGO SCIENCE RUN 6 AND VIRGO SCIENCE RUNS 2 AND 3. <i>Astrophysical Journal</i> , 2012, 760, 12.	1.6	104
48	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
49	Effects of waveform model systematics on the interpretation of GW150914. <i>Classical and Quantum Gravity</i> , 2017, 34, 104002.	1.5	98
50	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
51	Search for gravitational waves from binary black hole inspiral, merger, and ringdown in LIGO-Virgo data from 2009–2010. <i>Physical Review D</i> , 2013, 87, .	1.6	92
52	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
53	Einstein@Home all-sky search for periodic gravitational waves in LIGO S5 data. <i>Physical Review D</i> , 2013, 87, .	1.6	91
54	Constraints on cosmic strings using data from the first Advanced LIGO observing run. <i>Physical Review D</i> , 2018, 97, .	1.6	88

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55	Search for Tensor, Vector, and Scalar Polarizations in the Stochastic Gravitational-Wave Background. <i>Physical Review Letters</i> , 2018, 120, 201102.	2.9	85
56	Directional Limits on Persistent Gravitational Waves from Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2017, 118, 121102.	2.9	84
57	Implementation and testing of the first prompt search for gravitational wave transients with electromagnetic counterparts. <i>Astronomy and Astrophysics</i> , 2012, 539, A124.	2.1	84
58	Brane-world generalizations of the Einstein static universe. <i>Classical and Quantum Gravity</i> , 2002, 19, 213-221.	1.5	75
59	First low-latency LIGO+Virgo search for binary inspirals and their electromagnetic counterparts. <i>Astronomy and Astrophysics</i> , 2012, 541, A155.	2.1	75
60	The characterization of Virgo data and its impact on gravitational-wave searches. <i>Classical and Quantum Gravity</i> , 2012, 29, 155002.	1.5	73
61	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
62	On the Progenitor of Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L40.	3.0	73
63	Calibration of the Advanced LIGO detectors for the discovery of the binary black-hole merger GW150914. <i>Physical Review D</i> , 2017, 95, .	1.6	72
64	All-sky search for short gravitational-wave bursts in the first Advanced LIGO run. <i>Physical Review D</i> , 2017, 95, .	1.6	69
65	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , 2017, 529, 1600209.	0.9	69
66	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
67	Constraints on Cosmic Strings from the LIGO-Virgo Gravitational-Wave Detectors. <i>Physical Review Letters</i> , 2014, 112, 131101.	2.9	68
68	First Search for Nontensorial Gravitational Waves from Known Pulsars. <i>Physical Review Letters</i> , 2018, 120, 031104.	2.9	68
69	THE SPIN-FLIP PHENOMENON IN SUPERMASSIVE BLACK HOLE BINARY MERGERS. <i>Astrophysical Journal</i> , 2009, 697, 1621-1633.	1.6	66
70	All-sky search for periodic gravitational waves in the full S5 LIGO data. <i>Physical Review D</i> , 2012, 85, .	1.6	66
71	SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. <i>Astrophysical Journal</i> , 2015, 813, 39.	1.6	66
72	Directed search for continuous gravitational waves from the Galactic center. <i>Physical Review D</i> , 2013, 88, .	1.6	65

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73	All-sky search for periodic gravitational waves in the O1 LIGO data. <i>Physical Review D</i> , 2017, 96, .	1.6	64
74	Generalized Friedmann branes. <i>Physical Review D</i> , 2003, 68, .	1.6	63
75	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
76	Brane-world cosmology with black strings. <i>Physical Review D</i> , 2006, 74, .	1.6	62
77	SWIFT FOLLOW-UP OBSERVATIONS OF CANDIDATE GRAVITATIONAL-WAVE TRANSIENT EVENTS. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 28.	3.0	62
78	First targeted search for gravitational-wave bursts from core-collapse supernovae in data of first-generation laser interferometer detectors. <i>Physical Review D</i> , 2016, 94, .	1.6	60
79	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
80	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
81	FIRST SEARCHES FOR OPTICAL COUNTERPARTS TO GRAVITATIONAL-WAVE CANDIDATE EVENTS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 211, 7.	3.0	57
82	Effective field theory of modified gravity with two scalar fields: Dark energy and dark matter. <i>Physical Review D</i> , 2014, 89, .	1.6	56
83	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
84	Friedmann branes with variable tension. <i>Physical Review D</i> , 2008, 78, .	1.6	50
85	Search for gravitational waves from intermediate mass binary black holes. <i>Physical Review D</i> , 2012, 85, .	1.6	48
86	Directed search for gravitational waves from Scorpius X-1 with initial LIGO data. <i>Physical Review D</i> , 2015, 91, .	1.6	47
87	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
88	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
89	Full band all-sky search for periodic gravitational waves in the O1 LIGO data. <i>Physical Review D</i> , 2018, 97, .	1.6	46
90	Spin effects in gravitational radiation back reaction. III. Compact binaries with two spinning components. <i>Physical Review D</i> , 1998, 58, .	1.6	45

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91	Observation of Gravitational Waves from a Binary Black Hole Merger. , 2017, , 291-311.		45
92	SUPPLEMENT: “LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914” (2016, ApJL, 826, L13). Astrophysical Journal, Supplement Series, 2016, 225, 8.	3.0	44
93	Upper limits on a stochastic gravitational-wave background using LIGO and Virgo interferometers at 600–1000 Hz. Physical Review D, 2012, 85, .	1.6	43
94	A spinning supermassive black hole binary model consistent with VLBI observations of the S5 1928+738 jet. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1370-1382.	1.6	42
95	On the origin of X-shaped radio galaxies. Research in Astronomy and Astrophysics, 2012, 12, 127-146.	0.7	41
96	Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. Physical Review D, 2017, 96, .	1.6	40
97	Spin-spin effects in radiating compact binaries. Physical Review D, 1999, 61, .	1.6	39
98	Viscous dissipative Chaplygin gas dominated homogenous and isotropic cosmological models. Physical Review D, 2008, 77, .	1.6	39
99	Searching for stochastic gravitational waves using data from the two colocated LIGO Hanford detectors. Physical Review D, 2015, 91, .	1.6	39
100	Tachyon cosmology, supernovae data, and the big brake singularity. Physical Review D, 2009, 79, .	1.6	37
101	Soft singularity crossing and transformation of matter properties. Physical Review D, 2013, 88, .	1.6	37
102	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
103	Comprehensive all-sky search for periodic gravitational waves in the sixth science run LIGO data. Physical Review D, 2016, 94, .	1.6	35
104	A first search for coincident gravitational waves and high energy neutrinos using LIGO, Virgo and ANTARES data from 2007. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 008-008.	1.9	32
105	First low frequency all-sky search for continuous gravitational wave signals. Physical Review D, 2016, 93, .	1.6	32
106	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
107	Search for long-lived gravitational-wave transients coincident with long gamma-ray bursts. Physical Review D, 2013, 88, .	1.6	31
108	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

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109	Paradox of soft singularity crossing and its resolution by distributional cosmological quantities. Physical Review D, 2012, 86, .	1.6	30
110	Second post-Newtonian radiative evolution of the relative orientations of angular momenta in spinning compact binaries. Physical Review D, 2000, 62, .	1.6	29
111	Black holes and dark energy from gravitational collapse on the brane. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 027-027.	1.9	29
112	All-sky search for long-duration gravitational wave transients with initial LIGO. Physical Review D, 2016, 93, .	1.6	29
113	Spin effects in gravitational radiation back reaction. I. The Lense-Thirring approximation. Physical Review D, 1998, 57, 876-884.	1.6	28
114	Gravitational radiation reaction in compact binary systems: Contribution of the quadrupole-monopole interaction. Physical Review D, 2003, 67, .	1.6	28
115	Constraining Ho ^Λ -Lifshitz gravity by weak and strong gravitational lensing. Physical Review D, 2011, 84, .	1.6	28
116	Effective field theory of modified gravity on the spherically symmetric background: Leading order dynamics and the odd-type perturbations. Physical Review D, 2014, 90, .	1.6	28
117	Constraining the parameters of the putative supermassive binary black hole in PG 1302+102 from its radio structure. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1290-1296.	1.6	28
118	Kepler equation for inspiralling compact binaries. Physical Review D, 2005, 72, .	1.6	27
119	Asymmetric brane-worlds with induced gravity. Physical Review D, 2005, 71, .	1.6	26
120	Will the tachyonic universe survive the big brake?. Physical Review D, 2010, 82, .	1.6	26
121	Spin effects in gravitational radiation back reaction. II. Finite mass effects. Physical Review D, 1998, 57, 3423-3432.	1.6	24
122	E ⁺ branes. Physical Review D, 2009, 79, .	1.6	24
123	Galactic rotation curves in brane world models. Monthly Notices of the Royal Astronomical Society, 2011, 415, 3275-3290.	1.6	24
124	Very long baseline interferometry radio structure and radio brightening of the high-energy neutrino emitting blazar TXS 0506+056. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 483, L42-L46.	1.2	24
125	A swirling jet in the quasar 1308+326. Astronomy and Astrophysics, 2017, 602, A29.	2.1	23
126	Gravitational dynamics ins+1+1dimensions II. Hamiltonian theory. Physical Review D, 2008, 77, .	1.6	22

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127	Spherically symmetric static solution for colliding null dust. <i>Physical Review D</i> , 1998, 58, .	1.6	21
128	The geometry of the Barbour-Bertotti theories: II. The three-body problem. <i>Classical and Quantum Gravity</i> , 2000, 17, 1963-1978.	1.5	21
129	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
130	The geometry of the Barbour-Bertotti theories: I. The reduction process. <i>Classical and Quantum Gravity</i> , 2000, 17, 1949-1962.	1.5	20
131	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. <i>Progress of Theoretical and Experimental Physics</i> , 2022, 2022, .	1.8	20
132	Search for continuous gravitational waves from neutron stars in globular cluster NGC 6544. <i>Physical Review D</i> , 2017, 95, .	1.6	19
133	Asymmetric radiating brane-world. <i>Physical Review D</i> , 2004, 70, .	1.6	18
134	Second-order light deflection by tidal charged black holes on the brane. <i>Classical and Quantum Gravity</i> , 2009, 26, 145002.	1.5	18
135	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
136	The luminosity-redshift relation in brane-worlds: I. Analytical results. <i>PMC Physics A</i> , 2007, 1, 4.	9.1	17
137	The luminosity-redshift relation in brane-worlds: II. Confrontation with experimental data. <i>PMC Physics A</i> , 2007, 1, .	9.1	17
138	Geometro-thermodynamics of tidal charged black holes. <i>European Physical Journal C</i> , 2011, 71, 1.	1.4	17
139	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
140	Irradiated asymmetric Friedmann branes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2006, 2006, 022-022.	1.9	16
141	Active Galactic Nuclei: Sources for ultra high energy cosmic rays?. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009, 190, 61-78.	0.5	16
142	Gravitational, shear and matter waves in Kantowski-Sachs cosmologies. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 042-042.	1.9	16
143	Gravitational dynamics in $n+1+1$ dimensions. <i>Physical Review D</i> , 2005, 72, .	1.6	15
144	Image formation in weak gravitational lensing by tidal charged black holes. <i>Classical and Quantum Gravity</i> , 2010, 27, 235006.	1.5	15

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145	Supernova explosions of massive stars and cosmic rays. <i>Advances in Space Research</i> , 2018, 62, 2773-2816.	1.2	15
146	Black hole tidal charge constrained by strong gravitational lensing. <i>Astronomische Nachrichten</i> , 2013, 334, 1047-1050.	0.6	14
147	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
148	A homogeneous braneworld universe. <i>Classical and Quantum Gravity</i> , 2004, 21, 935-940.	1.5	13
149	Covariant gravitational dynamics in 3+1+1 dimensions. <i>Classical and Quantum Gravity</i> , 2010, 27, 105009.	1.5	13
150	Spinning compact binary inspiral: Independent variables and dynamically preserved spin configurations. <i>Physical Review D</i> , 2010, 81, .	1.6	13
151	Asymmetric Swiss-cheese brane-worlds. <i>Journal of Cosmology and Astroparticle Physics</i> , 2007, 2007, 007-007.	1.9	12
152	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
153	Rotating perfect fluid sources of the NUT metric. <i>Classical and Quantum Gravity</i> , 1999, 16, 1667-1675.	1.5	11
154	The True– and Eccentric–Anomaly Parameterizations of the Perturbed Kepler Motion. <i>Astrophysical Journal, Supplement Series</i> , 2000, 126, 79-84.	3.0	11
155	Wormholes, naked singularities, and universes of ghost radiation. <i>Physical Review D</i> , 2002, 65, .	1.6	11
156	Gravitational radiation reaction in compact binary systems: Contribution of the magnetic dipole–magnetic dipole interaction. <i>Physical Review D</i> , 2003, 68, .	1.6	11
157	Spinning compact binary inspiral. II. Conservative angular dynamics. <i>Physical Review D</i> , 2010, 82, .	1.6	11
158	A single radio-emitting nucleus in the dual AGN candidate NGC 5515. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 1509-1514.	1.6	11
159	Spinning compact binary dynamics and chameleon orbits. <i>Physical Review D</i> , 2015, 91, .	1.6	11
160	A flat-spectrum candidate for a track-type high-energy neutrino emission event, the case of blazar PKS 0723+008. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 466, L34-L38.	1.2	11
161	Flaring radio lanterns along the ridge line: long-term oscillatory motion in the jet of S5 1803+784. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 359-370.	1.6	11
162	On Hamiltonian Formulations of the Schrödinger System. <i>Annals of Physics</i> , 2002, 298, 394-402.	1.0	10

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163	Supermassive black hole spin-flip during the inspiral. <i>Classical and Quantum Gravity</i> , 2010, 27, 194009.	1.5	10
164	No Swiss-cheese universe on the brane. <i>Physical Review D</i> , 2005, 71, .	1.6	9
165	Spherically symmetric closed universe as an example of a 2D dilatonic model. <i>Physical Review D</i> , 1999, 59, .	1.6	8
166	Supermassive binary black hole mergers. <i>Journal of Physics: Conference Series</i> , 2008, 122, 012040.	0.3	8
167	Weak gravitational lensing by compact objects in fourth order gravity. <i>Physical Review D</i> , 2013, 88, .	1.6	8
168	Combined cosmological tests of a bivalent tachyonic dark energy scalar field model. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 026-026.	1.9	8
169	Cosmological constraints on superconducting dark energy models. <i>Physical Review D</i> , 2015, 92, .	1.6	8
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