LÃ¡szlÃ³ Ã•Gergely

List of Publications by Year
in descending order

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232	50,169	14655 66	2078 204
papers	citations	h-index	g-index

236	236	236	17690
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Observation of Gravitational Waves from a Binary Black Hole Merger. Physical Review Letters, 2016, 116, 061102.	7.8	8,753
2	GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral. Physical Review Letters, 2017, 119, 161101.	7.8	6,413
3	Multi-messenger Observations of a Binary Neutron Star Merger[*]. Astrophysical Journal Letters, 2017, 848, L12.	8.3	2,805
4	GW151226: Observation of Gravitational Waves from a 22-Solar-Mass Binary Black Hole Coalescence. Physical Review Letters, 2016, 116, 241103.	7.8	2,701
5	Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. Astrophysical Journal Letters, 2017, 848, L13.	8.3	2,314
6	GW170104: Observation of a 50-Solar-Mass Binary Black Hole Coalescence at Redshift 0.2. Physical Review Letters, 2017, 118, 221101.	7.8	1,987
7	Advanced LIGO. Classical and Quantum Gravity, 2015, 32, 074001.	4.0	1,929
8	GW170814: A Three-Detector Observation of Gravitational Waves from a Binary Black Hole Coalescence. Physical Review Letters, 2017, 119, 141101.	7.8	1,600
9	GW170817: Measurements of Neutron Star Radii and Equation of State. Physical Review Letters, 2018, 121, 161101.	7.8	1,473
10	Tests of General Relativity with GW150914. Physical Review Letters, 2016, 116, 221101.	7.8	1,224
11	GW190425: Observation of a Compact Binary Coalescence with Total MassÂâˆ¼Â3.4 M_{âŠ™}. Astrophysical Journal Letters, 2020, 892, L3.	8.3	1,049
12	Characterization of the LIGO detectors during their sixth science run. Classical and Quantum Gravity, 2015, 32, 115012.	4.0	1,029
13	GW170608: Observation of a 19 Solar-mass Binary Black Hole Coalescence. Astrophysical Journal Letters, 2017, 851, L35.	8.3	968
14	Binary Black Hole Mergers in the First Advanced LIGO Observing Run. Physical Review X, 2016, 6, .	8.9	898
15	Enhanced sensitivity of the LIGO gravitational wave detector by using squeezed states of light. Nature Photonics, 2013, 7, 613-619.	31.4	825
16	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2018, 21, 3.	26.7	808
17	Exploring the sensitivity of next generation gravitational wave detectors. Classical and Quantum Gravity, 2017, 34, 044001.	4.0	735
18	A gravitational wave observatory operating beyond the quantum shot-noise limit. Nature Physics, 2011, 7, 962-965.	16.7	716

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19	A gravitational-wave standard siren measurement of the Hubble constant. Nature, 2017, 551, 85-88.	27.8	674
20	Properties of the Binary Black Hole Merger GW150914. Physical Review Letters, 2016, 116, 241102.	7.8	673
21	ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. Astrophysical Journal Letters, 2016, 818, L22.	8.3	633
22	GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. Physical Review Letters, 2016, 116, 131103.	7.8	466
23	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2020, 23, 3.	26.7	447
24	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. Living Reviews in Relativity, 2016, 19, 1.	26.7	427
25	GW150914: First results from the search for binary black hole coalescence with Advanced LIGO. Physical Review D, 2016, 93, .	4.7	315
26	GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. Physical Review Letters, 2016, 116, 131102.	7.8	269
27	THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914. Astrophysical Journal Letters, 2016, 833, L1.	8.3	230
28	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. Classical and Quantum Gravity, 2016, 33, 134001.	4.0	225
29	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. Astrophysical Journal Letters, 2016, 826, L13.	8.3	210
30	Upper Limits on the Stochastic Gravitational-Wave Background from Advanced LIGOâ€™s First Observing Run. Physical Review Letters, 2017, 118, 121101.	7.8	194
31	Search for Post-merger Gravitational Waves from the Remnant of the Binary Neutron Star Merger GW170817. Astrophysical Journal Letters, 2017, 851, L16.	8.3	189
32	Search for gravitational waves from low mass compact binary coalescence in LIGOâ€™s sixth science run and Virgoâ€™s science runs 2 and 3. Physical Review D, 2012, 85, .	4.7	185
33	First Measurement of the Hubble Constant from a Dark Standard Siren using the Dark Energy Survey Galaxies and the LIGO/Virgo Binaryâ€“Black-hole Merger GW170814. Astrophysical Journal Letters, 2019, 876, L7.	8.3	179
34	GW170817: Implications for the Stochastic Gravitational-Wave Background from Compact Binary Coalescences. Physical Review Letters, 2018, 120, 091101.	7.8	166
35	Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated withÂGW170817. Astrophysical Journal Letters, 2017, 850, L39.	8.3	156
36	UPPER LIMITS ON THE RATES OF BINARY NEUTRON STAR AND NEUTRON STARâ€“BLACK HOLE MERGERS FROM ADVANCED LIGOâ€™S FIRST OBSERVING RUN. Astrophysical Journal Letters, 2016, 832, L21.	8.3	146

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37	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. Astrophysical Journal, 2021, 909, 218.	4.5	144
38	Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. Astrophysical Journal Letters, 2017, 850, L35.	8.3	135
39	Parameter estimation for compact binary coalescence signals with the first generation gravitational-wave detector network. Physical Review D, 2013, 88, .	4.7	132
40	First Search for Gravitational Waves from Known Pulsars with Advanced LIGO. Astrophysical Journal, 2017, 839, 12.	4.5	131
41	GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. Astrophysical Journal, 2014, 785, 119.	4.5	125
42	Observing gravitational-wave transient GW150914 with minimal assumptions. Physical Review D, 2016, 93, .	4.7	119
43	Self-interaction spin effects in inspiralling compact binaries. Physical Review D, 2005, 71, .	4.7	115
44	Brane-world stars with a solid crust and vacuum exterior. Classical and Quantum Gravity, 2015, 32, 045015.	4.0	108
45	All-sky search for gravitational-wave bursts in the second joint LIGO-Virgo run. Physical Review D, 2012, 85, .	4.7	107
46	Improved Analysis of GW150914 Using a Fully Spin-Precessing Waveform Model. Physical Review X, 2016, 6, .	8.9	106
47	SEARCH FOR GRAVITATIONAL WAVES ASSOCIATED WITH GAMMA-RAY BURSTS DURING LIGO SCIENCE RUN 6 AND VIRGO SCIENCE RUNS 2 AND 3. Astrophysical Journal, 2012, 760, 12.	4.5	104
48	Directly comparing GW150914 with numerical solutions of Einsteinâ€™s equations for binary black hole coalescence. Physical Review D, 2016, 94, .	4.7	102
49	Effects of waveform model systematics on the interpretation of GW150914. Classical and Quantum Gravity, 2017, 34, 104002.	4.0	98
50	Effects of data quality vetoes on a search for compact binary coalescences in Advanced LIGOâ€™s first observing run. Classical and Quantum Gravity, 2018, 35, 065010.	4.0	94
51	Search for gravitational waves from binary black hole inspiral, merger, and ringdown in LIGO-Virgo data from 2009â€“2010. Physical Review D, 2013, 87, .	4.7	92
52	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. Physical Review D, 2016, 93, .	4.7	92
53	Einstein@Home all-sky search for periodic gravitational waves in LIGO S5 data. Physical Review D, 2013, 87, .	4.7	91
54	Constraints on cosmic strings using data from the first Advanced LIGO observing run. Physical Review D, 2018, 97, .	4.7	88

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55	Search for Tensor, Vector, and Scalar Polarizations in the Stochastic Gravitational-Wave Background. Physical Review Letters, 2018, 120, 201102.	7.8	85
56	Directional Limits on Persistent Gravitational Waves from Advanced LIGOâ€™s First Observing Run. Physical Review Letters, 2017, 118, 121102.	7.8	84
57	Implementation and testing of the first prompt search forÂgravitational wave transients with electromagnetic counterparts. Astronomy and Astrophysics, 2012, 539, A124.	5.1	84
58	Brane-world generalizations of the Einstein static universe. Classical and Quantum Gravity, 2002, 19, 213-221.	4.0	75
59	First low-latency LIGO+Virgo search for binary inspirals and their electromagnetic counterparts. Astronomy and Astrophysics, 2012, 541, A155.	5.1	75
60	The characterization of Virgo data and its impact on gravitational-wave searches. Classical and Quantum Gravity, 2012, 29, 155002.	4.0	73
61	Search for intermediate mass black hole binaries in the first observing run of Advanced LIGO. Physical Review D, 2017, 96, .	4.7	73
62	On the Progenitor of Binary Neutron Star Merger GW170817. Astrophysical Journal Letters, 2017, 850, L40.	8.3	73
63	Calibration of the Advanced LIGO detectors for the discovery of the binary black-hole merger GW150914. Physical Review D, 2017, 95, .	4.7	72
64	All-sky search for short gravitational-wave bursts in the first Advanced LIGO run. Physical Review D, 2017, 95, .	4.7	69
65	The basic physics of the binary black hole merger GW150914. Annalen Der Physik, 2017, 529, 1600209.	2.4	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. Physical Review D, 2020, 101, .	4.7	69
67	Constraints on Cosmic Strings from the LIGO-Virgo Gravitational-Wave Detectors. Physical Review Letters, 2014, 112, 131101.	7.8	68
68	First Search for Nontensorial Gravitational Waves from Known Pulsars. Physical Review Letters, 2018, 120, 031104.	7.8	68
69	THE SPIN-FLIP PHENOMENON IN SUPERMASSIVE BLACK HOLE BINARY MERGERS. Astrophysical Journal, 2009, 697, 1621-1633.	4.5	66
70	All-sky search for periodic gravitational waves in the full S5 LIGO data. Physical Review D, 2012, 85, .	4.7	66
71	SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. Astrophysical Journal, 2015, 813, 39.	4.5	66
72	Directed search for continuous gravitational waves from the Galactic center. Physical Review D, 2013, 88, .	4.7	65

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73	All-sky search for periodic gravitational waves in the O1 LIGO data. Physical Review D, 2017, 96, .	4.7	64
74	Generalized Friedmann branes. Physical Review D, 2003, 68, .	4.7	63
75	SUPPLEMENT: â€œTHE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914â€•(2016, ApJL, 833, L1). Astrophysical Journal, Supplement Series, 2016, 227, 14.	7.7	63
76	Brane-world cosmology with black strings. Physical Review D, 2006, 74, .	4.7	62
77	SWIFT FOLLOW-UP OBSERVATIONS OF CANDIDATE GRAVITATIONAL-WAVE TRANSIENT EVENTS. Astrophysical Journal, Supplement Series, 2012, 203, 28.	7.7	62
78	First targeted search for gravitational-wave bursts from core-collapse supernovae in data of first-generation laser interferometer detectors. Physical Review D, 2016, 94, .	4.7	60
79	First low-frequency Einstein@Home all-sky search for continuous gravitational waves in Advanced LIGO data. Physical Review D, 2017, 96, .	4.7	60
80	Search for gravitational waves from Scorpius X-1 in the first Advanced LIGO observing run with a hidden Markov model. Physical Review D, 2017, 95, .	4.7	59
81	FIRST SEARCHES FOR OPTICAL COUNTERPARTS TO GRAVITATIONAL-WAVE CANDIDATE EVENTS. Astrophysical Journal, Supplement Series, 2014, 211, 7.	7.7	57
82	Effective field theory of modified gravity with two scalar fields: Dark energy and dark matter. Physical Review D, 2014, 89, .	4.7	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. Astrophysical Journal, 2017, 841, 89.	4.5	52
84	Friedmann branes with variable tension. Physical Review D, 2008, 78, .	4.7	50
85	Search for gravitational waves from intermediate mass binary black holes. Physical Review D, 2012, 85, .	4.7	48
86	Directed search for gravitational waves from Scorpius X-1 with initial LIGO data. Physical Review D, 2015, 91, .	4.7	47
87	First narrow-band search for continuous gravitational waves from known pulsars in advanced detector data. Physical Review D, 2017, 96, .	4.7	47
88	Upper Limits on Gravitational Waves from Scorpius X-1 from a Model-based Cross-correlation Search in Advanced LIGO Data. Astrophysical Journal, 2017, 847, 47.	4.5	46
89	Full band all-sky search for periodic gravitational waves in the O1 LIGO data. Physical Review D, 2018, 97, .	4.7	46
90	Spin effects in gravitational radiation back reaction. III. Compact binaries with two spinning components. Physical Review D, 1998, 58, .	4.7	45

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91	Observation of Gravitational Waves from a Binary Black Hole Merger. , 2017, , 291-311.		45
92	SUPPLEMENT: â€œLOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914â€•(2016, ApJL, 826, L13). Astrophysical Journal, Supplement Series, 2016, 225, 8.	7.7	44
93	Upper limits on a stochastic gravitational-wave background using LIGO and Virgo interferometers at 600â€“1000ÂHz. Physical Review D, 2012, 85, .	4.7	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.	4.4	42
95	On the origin of X-shaped radio galaxies. Research in Astronomy and Astrophysics, 2012, 12, 127-146.	1.7	41
96	Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. Physical Review D, 2017, 96, .	4.7	40
97	Spin-spin effects in radiating compact binaries. Physical Review D, 1999, 61, .	4.7	39
98	Viscous dissipative Chaplygin gas dominated homogenous and isotropic cosmological models. Physical Review D, 2008, 77, .	4.7	39
99	Searching for stochastic gravitational waves using data from the two colocated LIGO Hanford detectors. Physical Review D, 2015, 91, .	4.7	39
100	Tachyon cosmology, supernovae data, and the big brake singularity. Physical Review D, 2009, 79, .	4.7	37
101	Soft singularity crossing and transformation of matter properties. Physical Review D, 2013, 88, .	4.7	37
102	Narrow-band search of continuous gravitational-wave signals from Crab and Vela pulsars in Virgo VSR4 data. Physical Review D, 2015, 91, .	4.7	37
103	Comprehensive all-sky search for periodic gravitational waves in the sixth science run LIGO data. Physical Review D, 2016, 94, .	4.7	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.	5.4	32
105	First low frequency all-sky search for continuous gravitational wave signals. Physical Review D, 2016, 93, .	4.7	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.	4.5	32
107	Search for long-lived gravitational-wave transients coincident with long gamma-ray bursts. Physical Review D, 2013, 88, .	4.7	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, .	4.7	31

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109	Paradox of soft singularity crossing and its resolution by distributional cosmological quantities. Physical Review D, 2012, 86, .	4.7	30
110	Second post-Newtonian radiative evolution of the relative orientations of angular momenta in spinning compact binaries. Physical Review D, 2000, 62, .	4.7	29
111	Black holes and dark energy from gravitational collapse on the brane. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 027-027.	5.4	29
112	All-sky search for long-duration gravitational wave transients with initial LIGO. Physical Review D, 2016, 93, .	4.7	29
113	Spin effects in gravitational radiation back reaction. I. The Lense-Thirring approximation. Physical Review D, 1998, 57, 876-884.	4.7	28
114	Gravitational radiation reaction in compact binary systems: Contribution of the quadrupole-monopole interaction. Physical Review D, 2003, 67, .	4.7	28
115	Constraining HoÅ™ava-Lifshitz gravity by weak and strong gravitational lensing. Physical Review D, 2011, 84, .	4.7	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, .	4.7	28
117	Constraining the parameters of the putative supermassive binary black hole in PG 1302â€“102 from its radio structure. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1290-1296.	4.4	28
118	Kepler equation for inspiralling compact binaries. Physical Review D, 2005, 72, .	4.7	27
119	Asymmetric brane-worlds with induced gravity. Physical Review D, 2005, 71, .	4.7	26
120	Will the tachyonic universe survive the big brake?. Physical Review D, 2010, 82, .	4.7	26
121	Spin effects in gravitational radiation back reaction. II. Finite mass effects. Physical Review D, 1998, 57, 3423-3432.	4.7	24
122	EÃ¶tvÃ¶s branes. Physical Review D, 2009, 79, .	4.7	24
123	Galactic rotation curves in brane world models. Monthly Notices of the Royal Astronomical Society, 2011, 415, 3275-3290.	4.4	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.	3.3	24
125	A swirling jet in the quasar 1308+326. Astronomy and Astrophysics, 2017, 602, A29.	5.1	23
126	Gravitational dynamics ins+1+1dimensions II. Hamiltonian theory. Physical Review D, 2008, 77, .	4.7	22

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127	Spherically symmetric static solution for colliding null dust. Physical Review D, 1998, 58, .	4.7	21
128	The geometry of the Barbour-Bertotti theories: II. The three-body problem. Classical and Quantum Gravity, 2000, 17, 1963-1978.	4.0	21
129	Application of a Hough search for continuous gravitational waves on data from the fifth LIGO science run. Classical and Quantum Gravity, 2014, 31, 085014.	4.0	21
130	The geometry of the Barbour-Bertotti theories: I. The reduction process. Classical and Quantum Gravity, 2000, 17, 1949-1962.	4.0	20
131	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
132	Search for continuous gravitational waves from neutron stars in globular cluster NGC 6544. Physical Review D, 2017, 95, .	4.7	19
133	Asymmetric radiating brane-world. Physical Review D, 2004, 70, .	4.7	18
134	Second-order light deflection by tidal charged black holes on the brane. Classical and Quantum Gravity, 2009, 26, 145002.	4.0	18
135	All-sky search for long-duration gravitational wave transients in the first Advanced LIGO observing run. Classical and Quantum Gravity, 2018, 35, 065009.	4.0	18
136	The luminosity-redshift relation in brane-worlds: I. Analytical results. PMC Physics A, 2007, 1, 4.	9.1	17
137	The luminosity-redshift relation in brane-worlds: II. Confrontation with experimental data. PMC Physics A, 2007, 1, .	9.1	17
138	Geometro-thermodynamics of tidal charged black holes. European Physical Journal C, 2011, 71, 1.	3.9	17
139	Search of the Orion spur for continuous gravitational waves using a loosely coherent algorithm on data from LIGO interferometers. Physical Review D, 2016, 93, .	4.7	17
140	Irradiated asymmetric Friedmann branes. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 022-022.	5.4	16
141	Active Galactic Nuclei: Sources for ultra high energy cosmic rays?. Nuclear Physics, Section B, Proceedings Supplements, 2009, 190, 61-78.	0.4	16
142	Gravitational, shear and matter waves in Kantowski-Sachs cosmologies. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 042-042.	5.4	16
143	Gravitational dynamics ins+1+1dimensions. Physical Review D, 2005, 72, .	4.7	15
144	Image formation in weak gravitational lensing by tidal charged black holes. Classical and Quantum Gravity, 2010, 27, 235006.	4.0	15

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145	Supernova explosions of massive stars and cosmic rays. Advances in Space Research, 2018, 62, 2773-2816.	2.6	15
146	Black hole tidal charge constrained by strong gravitational lensing. Astronomische Nachrichten, 2013, 334, 1047-1050.	1.2	14
147	Search for transient gravitational waves in coincidence with short-duration radio transients during 2007â€“2013. Physical Review D, 2016, 93, .	4.7	14
148	A homogeneous braneworld universe. Classical and Quantum Gravity, 2004, 21, 935-940.	4.0	13
149	Covariant gravitational dynamics in 3+1+1 dimensions. Classical and Quantum Gravity, 2010, 27, 105009.	4.0	13
150	Spinning compact binary inspiral: Independent variables and dynamically preserved spin configurations. Physical Review D, 2010, 81, .	4.7	13
151	Asymmetric Swiss-cheese brane-worlds. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 007-007.	5.4	12
152	A Joint Fermi-GBM and LIGO/Virgo Analysis of Compact Binary Mergers from the First and Second Gravitational-wave Observing Runs. Astrophysical Journal, 2020, 893, 100.	4.5	12
153	Rotating perfect fluid sources of the NUT metric. Classical and Quantum Gravity, 1999, 16, 1667-1675.	4.0	11
154	The Trueâ€•and Eccentricâ€Anomaly Parameterizations of the Perturbed Kepler Motion. Astrophysical Journal, Supplement Series, 2000, 126, 79-84.	7.7	11
155	Wormholes, naked singularities, and universes of ghost radiation. Physical Review D, 2002, 65, .	4.7	11
156	Gravitational radiation reaction in compact binary systems: Contribution of the magnetic dipoleâ€“magnetic dipole interaction. Physical Review D, 2003, 68, .	4.7	11
157	Spinning compact binary inspiral. II. Conservative angular dynamics. Physical Review D, 2010, 82, .	4.7	11
158	A single radio-emitting nucleus in the dual AGN candidate NGC 5515. Monthly Notices of the Royal Astronomical Society, 2014, 443, 1509-1514.	4.4	11
159	Spinning compact binary dynamics and chameleon orbits. Physical Review D, 2015, 91, .	4.7	11
160	A flat-spectrum candidate for a track-type high-energy neutrino emission event, the case of blazar PKS 0723â^’008. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 466, L34-L38.	3.3	11
161	Flaring radio lanterns along the ridge line: long-term oscillatory motion in the jet of S5 1803+784. Monthly Notices of the Royal Astronomical Society, 2018, 478, 359-370.	4.4	11
162	On Hamiltonian Formulations of the SchrÃ¶dinger System. Annals of Physics, 2002, 298, 394-402.	2.8	10

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163	Supermassive black hole spin-flip during the inspiral. Classical and Quantum Gravity, 2010, 27, 194009.	4.0	10
164	No Swiss-cheese universe on the brane. Physical Review D, 2005, 71, .	4.7	9
165	Spherically symmetric closed universe as an example of a 2D dilatonic model. Physical Review D, 1999, 59, .	4.7	8
166	Supermassive binary black hole mergers. Journal of Physics: Conference Series, 2008, 122, 012040.	0.4	8
167	Weak gravitational lensing by compact objects in fourth order gravity. Physical Review D, 2013, 88, .	4.7	8
168	Combined cosmological tests of a bivalent tachyonic dark energy scalar field model. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 026-026.	5.4	8
169	Cosmological constraints on superconducting dark energy models. Physical Review D, 2015, 92, .	4.7	8
170	Linear Einstein equations and Kerr$ndash$Schild maps. Classical and Quantum Gravity, 2002, 19, 2515-2523.	4.0	7
171	Weyl fluid dark matter model tested on the galactic scale by weak gravitational lensing. Physical Review D, 2012, 86, .	4.7	7
172	Dark Matter as a Non-Relativistic Boseâ€“Einstein Condensate with Massive Gravitons. Symmetry, 2018, 10, 520.	2.2	7
173	Kerrâ€“Schild metrics revisited. II. The complete vacuum solution. Journal of Mathematical Physics, 1994, 35, 2448-2462.	1.1	6
174	Geometrodynamics in a spherically symmetric, static crossflow of null dust. Physical Review D, 2006, 74, .	4.7	6
175	Semi-transparent brane-worlds. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 020-020.	5.4	6
176	ACTIVE GALACTIC NUCLEI: SOURCES FOR ULTRA HIGH ENERGY COSMIC RAYS. International Journal of Modern Physics D, 2009, 18, 1577-1581.	2.1	6
177	3+1+1 dimensional covariant gravitational dynamics on an asymmetrically embedded brane: The average equations. Annalen Der Physik, 2010, 19, 249-253.	2.4	6
178	Bose-Einstein Condensate Dark Matter Halos Confronted with Galactic Rotation Curves. Advances in High Energy Physics, 2017, 2017, 1-14.	1.1	6
179	Kerrâ€“Schild metrics revisited. I. The ground state. Journal of Mathematical Physics, 1994, 35, 2438-2447.	1.1	5
180	Cosmological tests of generalized RS brane-worlds with Weyl fluid. AIP Conference Proceedings, 2007, , .	0.4	5

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181	On the validity of the five-dimensional Birkhoff theorem: the tale of an exceptional case. Classical and Quantum Gravity, 2008, 25, 165016.	4.0	5
182	Maximal spin and energy conversion efficiency in a symbiotic system of black hole, disc and jet. Monthly Notices of the Royal Astronomical Society, 2011, 416, 991-1009.	4.4	5
183	Renormalized second post-Newtonian spin contributions to the accumulated orbital phase for LISA sources. Physical Review D, 2009, 79, .	4.7	4
184	Weak and strong field approximations and circular orbits of the Kehagiasâ€Sfetsos spaceâ€time. Astronomische Nachrichten, 2013, 334, 1039-1042.	1.2	4
185	Solution of the vacuum Kerr-Schild problem. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 181, 345-348.	2.1	3
186	Vacuum Kerr-Schild metrics generated by nontwisting congruences. Annalen Der Physik, 1994, 506, 609-619.	2.4	3
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