Vitor Cardoso

List of Publications by Year
in descending order

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293	22,429	5248	9553
papers	citations	83 h-index	142 g-index

305	305	305	6099
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quasinormal modes of black holes and black branes. Classical and Quantum Gravity, 2009, 26, 163001.	1.5	1,359
2	Testing general relativity with present and future astrophysical observations. Classical and Quantum Gravity, 2015, 32, 243001.	1.5	943
3	Geodesic stability, Lyapunov exponents, and quasinormal modes. Physical Review D, 2009, 79, .	1.6	569
4	Gravitational-wave spectroscopy of massive black holes with the space interferometer LISA. Physical Review D, 2006, 73, .	1.6	559
5	Is the Gravitational-Wave Ringdown a Probe of the Event Horizon?. Physical Review Letters, 2016, 116, 171101.	2.9	495
6	Testing the nature of dark compact objects: a status report. Living Reviews in Relativity, 2019, 22, 1.	8.2	494
7	Superradiance. Lecture Notes in Physics, 2015, , .	0.3	451
8	Black holes, gravitational waves and fundamental physics: a roadmap. Classical and Quantum Gravity, 2019, 36, 143001.	1.5	451
9	Gravitational-wave signatures of exotic compact objects and of quantum corrections at the horizon scale. Physical Review D, 2016, 94, .	1.6	347
10	Detection of the Schwarzschild precession in the orbit of the star S2 near the Galactic centre massive black hole. Astronomy and Astrophysics, 2020, 636, L5.	2.1	340
11	Can environmental effects spoil precision gravitational-wave astrophysics?. Physical Review D, 2014, 89, .	1.6	321
12	Scalar, electromagnetic, and Weyl perturbations of BTZ black holes: Quasinormal modes. Physical Review D, 2001, 63, .	1.6	297
13	Inspiral, merger, and ringdown of unequal mass black hole binaries: A multipolar analysis. Physical Review D, 2007, 76, .	1.6	294
14	Quasinormal modes of Schwarzschildâ€“anti-de Sitter black holes: Electromagnetic and gravitational perturbations. Physical Review D, 2001, 64, .	1.6	277
15	Tests for the existence of black holes through gravitational wave echoes. Nature Astronomy, 2017, 1, 586-591.	4.2	274
16	Black-hole bomb and superradiant instabilities. Physical Review D, 2004, 70, .	1.6	242
17	Eigenvalues and eigenfunctions of spin-weighted spheroidal harmonics in four and higher dimensions. Physical Review D, 2006, 73, .	1.6	211
18	Massive spin-2 fields on black hole spacetimes: Instability of the Schwarzschild and Kerr solutions and bounds on the graviton mass. Physical Review D, 2013, 88, .	1.6	201

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19	Are black holes in alternative theories serious astrophysical candidates? The case for Einstein-dilaton-Gauss-Bonnet black holes. Physical Review D, 2009, 79, .	1.6	198
20	Light rings as observational evidence for event horizons: Long-lived modes, ergoregions and nonlinear instabilities of ultracompact objects. Physical Review D, 2014, 90, .	1.6	198
21	Proca stars: Gravitating Boseâ€“Einstein condensates of massive spin 1 particles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 752, 291-295.	1.5	192
22	Black-Hole Bombs and Photon-Mass Bounds. Physical Review Letters, 2012, 109, 131102.	2.9	190
23	Gravitational wave searches for ultralight bosons with LIGO and LISA. Physical Review D, 2017, 96, .	1.6	190
24	Quasinormal Modes and Strong Cosmic Censorship. Physical Review Letters, 2018, 120, 031103.	2.9	188
25	Black holes as particle detectors: evolution of superradiant instabilities. Classical and Quantum Gravity, 2015, 32, 134001.	1.5	183
26	Superradiant instabilities in astrophysical systems. Physical Review D, 2013, 87, .	1.6	178
27	Quasinormal frequencies of Schwarzschild black holes in antiâ€“de Sitter spacetimes: A complete study of the overtone asymptotic behavior. Physical Review D, 2003, 68, .	1.6	175
28	Testing strong-field gravity with tidal Love numbers. Physical Review D, 2017, 95, .	1.6	175
29	Quasinormal modes of the near extremal Schwarzschildâ€“de Sitter black hole. Physical Review D, 2003, 67, .	1.6	165
30	Test Bodies and Naked Singularities: Is the Self-Force the Cosmic Censor?. Physical Review Letters, 2010, 105, 261102.	2.9	165
31	Compact Stars in Eddington Inspired Gravity. Physical Review Letters, 2011, 107, 031101.	2.9	164
32	Small Kerrâ€“anti-de Sitter black holes are unstable. Physical Review D, 2004, 70, .	1.6	159
33	Perturbations of slowly rotating black holes: Massive vector fields in the Kerr metric. Physical Review D, 2012, 86, .	1.6	157
34	Testing the black hole â€˜no-hairâ€™ hypothesis. Classical and Quantum Gravity, 2016, 33, 174001.	1.5	156
35	Constraining the mass of dark photons and axion-like particles through black-hole superradiance. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 043-043.	1.9	156
36	Gravitational radiation inD-dimensional spacetimes. Physical Review D, 2003, 67, .	1.6	154

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37	Matched filtering and parameter estimation of ringdown waveforms. Physical Review D, 2007, 76, .	1.6	153
38	Slowly rotating black holes in alternative theories of gravity. Physical Review D, 2011, 84, .	1.6	152
39	Perturbed black holes in Einstein-dilaton-Gauss-Bonnet gravity: Stability, ringdown, and gravitational-wave emission. Physical Review D, 2016, 94, .	1.6	152
40	Stochastic and Resolvable Gravitational Waves from Ultralight Bosons. Physical Review Letters, 2017, 119, 131101.	2.9	151
41	Comment on â€œKerr Black Holes as Particle Accelerators to Arbitrarily High Energyâ€• Physical Review Letters, 2009, 103, 239001.	2.9	150
42	Spectroscopy of Kerr Black Holes with Earth- and Space-Based Interferometers. Physical Review Letters, 2016, 117, 101102.	2.9	148
43	Ergoregion instability of ultracompact astrophysical objects. Physical Review D, 2008, 77, .	1.6	144
44	High-Energy Collision of Two Black Holes. Physical Review Letters, 2008, 101, 161101.	2.9	137
45	INTO THE LAIR: GRAVITATIONAL-WAVE SIGNATURES OF DARK MATTER. Astrophysical Journal, 2013, 774, 48.	1.6	135
46	Quasinormal modes and classical wave propagation in analogue black holes. Physical Review D, 2004, 70, .	1.6	133
47	Gravitational signature of Schwarzschild black holes in dynamical Chern-Simons gravity. Physical Review D, 2010, 81, .	1.6	133
48	Compact stars in alternative theories of gravity: Einstein-Dilaton-Gauss-Bonnet gravity. Physical Review D, 2011, 84, .	1.6	133
49	Equation-of-state-independent relations in neutron stars. Physical Review D, 2013, 88, .	1.6	133
50	Superradiant instabilities of rotating black branes and strings. Journal of High Energy Physics, 2005, 2005, 009-009.	1.6	129
51	Gravitational wave signatures of the absence of an event horizon: Nonradial oscillations of a thin-shell gravastar. Physical Review D, 2009, 80, .	1.6	127
52	Publisherâ€™s Note: Black-hole bomb and superradiant instabilities [Phys. Rev. D70, 044039 (2004)]. Physical Review D, 2004, 70, .	1.6	126
53	Floating and Sinking: The Imprint of Massive Scalars around Rotating Black Holes. Physical Review Letters, 2011, 107, 241101.	2.9	120
54	Building information modeling for energy retrofitting â€“ A review. Renewable and Sustainable Energy Reviews, 2018, 89, 249-260.	8.2	118

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55	Quasinormal modes of Schwarzschild black holes in four and higher dimensions. Physical Review D, 2004, 69, .	1.6	116
56	Cross Section, Final Spin, and Zoom-Whirl Behavior in High-Energy Black-Hole Collisions. Physical Review Letters, 2009, 103, 131102.	2.9	113
57	Black Holes with Surrounding Matter in Scalar-Tensor Theories. Physical Review Letters, 2013, 111, 111101.	2.9	112
58	Holographic thermalization, quasinormal modes and superradiance in Kerr-AdS. Journal of High Energy Physics, 2014, 2014, 1.	1.6	109
59	Gravitational wave signatures of highly compact boson star binaries. Physical Review D, 2017, 96, .	1.6	109
60	Astrophysical signatures of boson stars: Quasinormal modes and inspiral resonances. Physical Review D, 2013, 88, .	1.6	106
61	Hawking emission of gravitons in higher dimensions: non-rotating black holes. Journal of High Energy Physics, 2006, 2006, 021-021.	1.6	105
62	Eddington-inspired Born-Infeld gravity: Phenomenology of nonlinear gravity-matter coupling. Physical Review D, 2012, 85, .	1.6	103
63	TESTING ALTERNATIVE THEORIES OF GRAVITY USING THE SUN. Astrophysical Journal, 2012, 745, 15.	1.6	103
64	Gravitational waves from quasicircular extreme mass-ratio inspirals as probes of scalar-tensor theories. Physical Review D, 2012, 85, .	1.6	99
65	Mining information from binary black hole mergers: A comparison of estimation methods for complex exponentials in noise. Physical Review D, 2007, 75, .	1.6	97
66	Publisherâ€™s Note: Testing strong-field gravity with tidal Love numbers [Phys. Rev. D 95 , 084014 (2017)]. Physical Review D, 2017, 95, .	1.6	96
67	Black Hole Particle Emission in Higher-Dimensional Spacetimes. Physical Review Letters, 2006, 96, 071301.	2.9	95
68	Probing Planckian Corrections at the Horizon Scale with LISA Binaries. Physical Review Letters, 2018, 120, 081101.	2.9	95
69	Quasinormal ringing of Kerr black holes: The excitation factors. Physical Review D, 2006, 74, .	1.6	94
70	Matter around Kerr black holes in scalar-tensor theories: Scalarization and superradiant instability. Physical Review D, 2013, 88, .	1.6	92
71	Asymptotic quasinormal frequencies for black holes in nonasymptotically flat spaceâ€“times. Journal of Mathematical Physics, 2004, 45, 4698-4713.	0.5	89
72	Classical instability of Kerr-AdS black holes and the issue of final state. Physical Review D, 2006, 74, .	1.6	89

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73	Gravitational instabilities of superspinars. Physical Review D, 2010, 82, .	1.6	89
74	Quasi-normal modes of toroidal, cylindrical and planar black holes in anti-de Sitter spacetimes: scalar, electromagnetic and gravitational perturbations. Classical and Quantum Gravity, 2001, 18, 5257-5267.	1.5	87
75	Numerical simulations of single and binary black holes in scalar-tensor theories: Circumventing the no-hair theorem. Physical Review D, 2013, 87, .	1.6	87
76	Parametrized black hole quasinormal ringdown: Decoupled equations for nonrotating black holes. Physical Review D, 2019, 99, .	1.6	86
77	Strong cosmic censorship in charged black-hole spacetimes: Still subtle. Physical Review D, 2018, 98, .	1.6	84
78	Anisotropic stars as ultracompact objects in general relativity. Physical Review D, 2019, 99, .	1.6	84
79	All-Sky LIGO Search for Periodic Gravitational Waves in the Early Fifth-Science-Run Data. Physical Review Letters, 2009, 102, 111102.	2.9	83
80	Testing the cosmic censorship conjecture with point particles: The effect of radiation reaction and the self-force. Physical Review D, 2011, 84, .	1.6	83
81	Highly damped quasinormal modes of Kerr black holes. Physical Review D, 2003, 68, .	1.6	82
82	Black holes and gravitational waves in models of minicharged dark matter. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 054-054.	1.9	82
83	Black Holes in an Effective Field Theory Extension of General Relativity. Physical Review Letters, 2018, 121, 251105.	2.9	82
84	Eccentric binary black-hole mergers: The transition from inspiral to plunge in general relativity. Physical Review D, 2008, 78, .	1.6	81
85	On generic parametrizations of spinning black-hole geometries. Physical Review D, 2014, 89, .	1.6	81
86	Black holes and fundamental fields in numerical relativity: Initial data construction and evolution of bound states. Physical Review D, 2014, 89, .	1.6	79
87	Highly damped quasinormal modes of Kerr black holes: A complete numerical investigation. Physical Review D, 2004, 69, .	1.6	78
88	Nariai, Bertotti-Robinson, and anti-Nariai solutions in higher dimensions. Physical Review D, 2004, 70, .	1.6	78
89	Rayleigh-Plateau and Gregory-Laflamme Instabilities of Black Strings. Physical Review Letters, 2006, 96, 181601.	2.9	78
90	Perturbations of Schwarzschild black holes in dynamical Chern-Simons modified gravity. Physical Review D, 2009, 80, .	1.6	76

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91	Interaction between bosonic dark matter and stars. Physical Review D, 2016, 93, .	1.6	76
92	Parametrized black hole quasinormal ringdown. II. Coupled equations and quadratic corrections for nonrotating black holes. Physical Review D, 2019, 100, .	1.6	75
93	Black holes die hard: Can one spin up a black hole past extremality?. Physical Review D, 2010, 81, .	1.6	74
94	Gravitational perturbation of the BTZ black hole induced by test particles and weak cosmic censorship in AdS spacetime. Physical Review D, 2011, 83, .	1.6	72
95	Black hole spectroscopy: Systematic errors and ringdown energy estimates. Physical Review D, 2018, 97, .	1.6	72
96	Gravitational wave echoes from black hole area quantization. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 006-006.	1.9	70
97	Nonlinear interactions between black holes and Proca fields. Classical and Quantum Gravity, 2015, 32, 234003.	1.5	68
98	Black holes with massive graviton hair. Physical Review D, 2013, 88, .	1.6	66
99	Blasts of Light from Axions. Physical Review Letters, 2019, 122, 081101.	2.9	66
100	Accretion of Dark Matter by Stars. Physical Review Letters, 2015, 115, 111301.	2.9	65
101	Instability of nonsupersymmetric smooth geometries. Physical Review D, 2006, 73, .	1.6	64
102	Exploring New Physics Frontiers Through Numerical Relativity. Living Reviews in Relativity, 2015, 18, 1.	8.2	64
103	Ergoregion instability of exotic compact objects: Electromagnetic and gravitational perturbations and the role of absorption. Physical Review D, 2019, 99, .	1.6	64
104	Instability of hyper-compact Kerr-like objects. Classical and Quantum Gravity, 2008, 25, 195010.	1.5	60
105	Ultrahigh-Energy Debris from the Collisional Penrose Process. Physical Review Letters, 2015, 114, 251103.	2.9	59
106	Environmental Effects for Gravitational-wave Astrophysics. Journal of Physics: Conference Series, 2015, 610, 012044.	0.3	59
107	Axionic instabilities and new black hole solutions. Physical Review D, 2019, 99, .	1.6	59
108	Quasinormal modes and stability of the rotating acoustic black hole: Numerical analysis. Physical Review D, 2004, 70, .	1.6	58

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109	Gravitational waves from extreme mass-ratio inspirals in dynamical Chern-Simons gravity. Physical Review D, 2011, 83, .	1.6	57
110	Collisions of unequal mass black holes and the point particle limit. Physical Review D, 2011, 84, .	1.6	55
111	Response of ultralight dark matter to supermassive black holes and binaries. Physical Review D, 2020, 102, .	1.6	53
112	Black holes in galaxies: Environmental impact on gravitational-wave generation and propagation. Physical Review D, 2022, 105, .	1.6	53
113	Numerical relativity forDdimensional space-times: Head-on collisions of black holes and gravitational wave extraction. Physical Review D, 2010, 82, .	1.6	51
114	Numerical relativity for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>D</mml:mi></mml:math>dimensional axially symmetric space-times: Formalism and code tests. Physical Review D, 2010, 81, .	1.6	51
115	Potential Gravitational Wave Signatures of Quantum Gravity. Physical Review Letters, 2021, 126, 041302.	2.9	51
116	NR/HEP: roadmap for the future. Classical and Quantum Gravity, 2012, 29, 244001.	1.5	50
117	Collisions of charged black holes. Physical Review D, 2012, 85, .	1.6	49
118	Black hole bombs and explosions: from astrophysics to particle physics. General Relativity and Gravitation, 2013, 45, 2079-2097.	0.7	49
119	Late-time tails of wave propagation in higher dimensional spacetimes. Physical Review D, 2003, 68, .	1.6	48
120	New instability for rotating black branes and strings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 621, 219-223.	1.5	48
121	SUPERMASSIVE BLACK HOLES OR BOSON STARS? HAIR COUNTING WITH GRAVITATIONAL WAVE DETECTORS. International Journal of Modern Physics D, 2006, 15, 2209-2216.	0.9	47
122	Semianalytical estimates of scattering thresholds and gravitational radiation in ultrarelativistic black hole encounters. Physical Review D, 2010, 81, .	1.6	46
123	Gravitational wave signatures of the absence of an event horizon. II. Extreme mass ratio inspirals in the spacetime of a thin-shell gravastar. Physical Review D, 2010, 81, .	1.6	46
124	Orbital fingerprints of ultralight scalar fields around black holes. Physical Review D, 2017, 96, .	1.6	46
125	Multipolar analysis of spinning binaries. Classical and Quantum Gravity, 2008, 25, 114035.	1.5	45
126	Breit-Wigner resonances and the quasinormal modes of antiâ€“deÂSitter black holes. Physical Review D, 2009, 79, .	1.6	45

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127	Gravitational radiation from collisions at the speed of light: a massless particle falling into a Schwarzschild black hole. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 538, 1-5.	1.5	44
128	Superradiant instability of black holes immersed in a magnetic field. Physical Review D, 2014, 89, .	1.6	44
129	The stochastic gravitational-wave background in the absence of horizons. Classical and Quantum Gravity, 2018, 35, 20LT01.	1.5	43
130	A morphology-independent data analysis method for detecting and characterizing gravitational wave echoes. Physical Review D, 2018, 98, .	1.6	43
131	Destabilizing the Fundamental Mode of Black Holes: The Elephant and the Flea. Physical Review Letters, 2022, 128, 111103.	2.9	43
132	What we (don't) know about black-hole formation in high-energy collisions. Classical and Quantum Gravity, 2005, 22, L61-L69.	1.5	42
133	Electromagnetism and hidden vector fields in modified gravity theories: Spontaneous and induced vectorization. Physical Review D, 2019, 99, .	1.6	42
134	A framework for in-situ geometric data acquisition using laser scanning for BIM modelling. Journal of Building Engineering, 2020, 28, 101073.	1.6	42
135	Constraints on the astrophysical environment of binaries with gravitational-wave observations. Astronomy and Astrophysics, 2020, 644, A147.	2.1	42
136	Vacuum revealed: The final state of vacuum instabilities in compact stars. Physical Review D, 2011, 83, .	1.6	41
137	Quasinormal ringing of Kerr black holes. II. Excitation by particles falling radially with arbitrary energy. Physical Review D, 2013, 88, .	1.6	41
138	Equilibrium configurations of fluids and their stability in higher dimensions. Classical and Quantum Gravity, 2006, 23, 7151-7198.	1.5	40
139	Search for gravitational wave ringdowns from perturbed black holes in LIGO S4 data. Physical Review D, 2009, 80, .	1.6	38
140	Universality, Maximum Radiation, and Absorption in High-Energy Collisions of Black Holes with Spin. Physical Review Letters, 2013, 111, 041101.	2.9	38
141	Strong cosmic censorship: The nonlinear story. Physical Review D, 2019, 99, .	1.6	38
142	Superradiance in rotating stars and pulsar-timing constraints on dark photons. Physical Review D, 2017, 95, .	1.6	37
143	Gravitational quasinormal modes of AdS black branes indspacetime dimensions. Journal of High Energy Physics, 2009, 2009, 117-117.	1.6	36
144	Collisions of oppositely charged black holes. Physical Review D, 2014, 89, .	1.6	36

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145	Detecting Rotational Superradiance in Fluid Laboratories. Physical Review Letters, 2016, 117, 271101.	2.9	36
146	Black holes in a box: Toward the numerical evolution of black holes in AdS space-times. Physical Review D, 2010, 82, .	1.6	35
147	Tidal acceleration of black holes and superradiance. Classical and Quantum Gravity, 2013, 30, 045011.	1.5	35
148	Scalar-gravitational perturbations and quasinormal modes in the five dimensional Schwarzschild black hole. Journal of High Energy Physics, 2003, 2003, 041-041.	1.6	33
149	Head-on collisions of unequal mass black holes inD=5dimensions. Physical Review D, 2011, 83, .	1.6	32
150	Cosmic censorship and parametrized spinning black-hole geometries. General Relativity and Gravitation, 2015, 47, 1.	0.7	32
151	Motion in time-periodic backgrounds with applications to ultralight dark matter halos at galactic centers. Physical Review D, 2018, 98, .	1.6	32
152	LISA parameter estimation and source localization with higher harmonics of the ringdown. Physical Review D, 2020, 101, .	1.6	32
153	Dynamical friction of black holes in ultralight dark matter. Physical Review D, 2022, 105, .	1.6	32
154	Instability of Reissner-NordstrÃ¶m black holes in de Sitter backgrounds. Physical Review D, 2009, 80, .	1.6	31
155	Pseudospectrum of Reissner-NordstrÃ¶m black holes: Quasinormal mode instability and universality. Physical Review D, 2021, 104, .	1.6	31
156	Transformation of the multipolar components of gravitational radiation under rotations and boosts. Physical Review D, 2008, 78, .	1.6	29
157	Superkicks in ultrarelativistic encounters of spinning black holes. Physical Review D, 2011, 83, .	1.6	29
158	Ergoregion instability: The hydrodynamic vortex. Physical Review D, 2014, 89, .	1.6	29
159	Characterization of echoes: A Dyson-series representation of individual pulses. Physical Review D, 2018, 97, .	1.6	29
160	Penrose process, superradiance, and ergoregion instabilities. Physical Review D, 2018, 97, .	1.6	29
161	Stirred and shaken: Dynamical behavior of boson stars and dark matter cores. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135944.	1.5	29
162	Probing the nature of black holes: Deep in the mHz gravitational-wave sky. Experimental Astronomy, 2021, 51, 1385-1416.	1.6	29

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163	Scalar perturbations of higher dimensional rotating and ultraspinning black holes. Physical Review D, 2005, 71, .	1.6	28
164	Numerical simulations of black-hole binaries and gravitational wave emission. Comptes Rendus Physique, 2013, 14, 306-317.	0.3	28
165	Superradiance in stars. Physical Review D, 2015, 91, .	1.6	28
166	Gravitational waves and higher dimensions: Love numbers and Kaluza-Klein excitations. Physical Review D, 2019, 100, .	1.6	28
167	Partially massless gravitons do not destroy general relativity black holes. Physical Review D, 2013, 87, .	1.6	27
168	Testing the nonlinear stability of Kerr-Newman black holes. Physical Review D, 2014, 90, .	1.6	27
169	Eccentricity evolution of compact binaries and applications to gravitational-wave physics. Physical Review D, 2021, 103, .	1.6	27
170	Quasinormal modes and thermodynamic phase transitions. Physical Review D, 2008, 77, .	1.6	26
171	Gravitational radiation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>d</mml:mi><mml:mo>></mml:mo><mml:mn>4</mml:mn></mml:math>from effective field theory. Physical Review D, 2008, 78, .	1.6	26
172	Tidal effects and disruption in superradiant clouds: A numerical investigation. Physical Review D, 2020, 101, .	1.6	26
173	Gravitational radiation from the radial infall of highly relativistic point particles into Kerr black holes. Physical Review D, 2003, 67, .	1.6	25
174	Nonlinear dynamical stability of infrared modifications of gravity. Physical Review D, 2014, 90, .	1.6	25
175	Stability of naked singularities and algebraically special modes. Physical Review D, 2006, 74, .	1.6	24
176	Study of the nonlinear instability of confined geometries. Physical Review D, 2014, 90, .	1.6	24
177	Collapse of self-interacting fields in asymptotically flat spacetimes: Do self-interactions render Minkowski spacetime unstable?. Physical Review D, 2014, 89, .	1.6	24
178	The effect of mission duration on LISA science objectives. General Relativity and Gravitation, 2022, 54, 3.	0.7	24
179	Probing ultralight dark matter with future ground-based gravitational-wave detectors. Physical Review D, 2021, 104, .	1.6	23
180	From micro to macro and back: probing near-horizon quantum structures with gravitational waves. Classical and Quantum Gravity, 2019, 36, 167001.	1.5	22

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181	Quasinormal modes of relativistic stars and interacting fields. Physical Review D, 2016, 93, .	1.6	21
182	Mass ladder operators from spacetime conformal symmetry. Physical Review D, 2017, 96, .	1.6	21
183	Black hole binaries: Ergoregions, photon surfaces, wave scattering, and quasinormal modes. Physical Review D, 2018, 98, .	1.6	21
184	Environmental effects in gravitational-wave physics: Tidal deformability of black holes immersed in matter. Physical Review D, 2020, 101, .	1.6	21
185	The tune of the Universe: the role of plasma in tests of strong-field gravity. Monthly Notices of the Royal Astronomical Society, 2021, 503, 563-573.	1.6	21
186	Light ring and the appearance of matter accreted by black holes. Physical Review D, 2021, 103, .	1.6	21
187	Electromagnetic radiation from collisions at almost the speed of light: An extremely relativistic charged particle falling into a Schwarzschild black hole. Physical Review D, 2003, 68, .	1.6	20
188	Quasinormal modes of black holes in anti-de Sitter space: A numerical study of the eikonal limit. Physical Review D, 2009, 80, .	1.6	20
189	Anti de Sitter black holes and branes in dynamical Chern-Simons gravity: perturbations, stability and the hydrodynamic modes. Journal of High Energy Physics, 2011, 2011, 1.	1.6	19
190	Dynamics of black holes in de Sitter spacetimes. Physical Review D, 2012, 85, .	1.6	19
191	Black hole binaries and light fields: Gravitational molecules. Physical Review D, 2021, 103, .	1.6	19
192	Note on the resonant frequencies of rapidly rotating black holes. Physical Review D, 2004, 70, .	1.6	18
193	Comparing numerical and analytical calculations of post-innermost stable circular orbit ringdown amplitudes. Physical Review D, 2011, 84, .	1.6	18
194	Black holes in Einstein-GauÃŸ-Bonnet-dilaton theory. Proceedings of the International Astronomical Union, 2016, 12, 265-272.	0.0	18
195	Distinguishing black holes from horizonless objects through the excitation of resonances during inspiral. Physical Review D, 2019, 100, .	1.6	18
196	THE RETURN OF THE MEMBRANE PARADIGM? BLACK HOLES AND STRINGS IN THE WATER TAP. International Journal of Modern Physics D, 2008, 17, 505-511.	0.9	17
197	Radiation from particles with arbitrary energy falling into higher-dimensional black holes. Physical Review D, 2011, 83, .	1.6	17
198	Remarks on the maximum luminosity. Physical Review D, 2018, 97, .	1.6	17

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199	Physics of black hole binaries: Geodesics, relaxation modes, and energy extraction. Physical Review D, 2019, 100, .	1.6	17
200	Bifurcation of plasma balls and black holes to Lobed configurations. Journal of High Energy Physics, 2009, 2009, 125-125.	1.6	16
201	Gravitational Waves in Massive Gravity Theories: Waveforms, Fluxes, and Constraints from Extreme-Mass-Ratio Mergers. Physical Review Letters, 2018, 121, 251103.	2.9	16
202	Gravitational tuning forks and hierarchical triple systems. Physical Review D, 2021, 103, .	1.6	16
203	Higher-dimensional puncture initial data. Physical Review D, 2011, 84, .	1.6	15
204	Gravitational-wave signature of a thin-shell gravastar. Journal of Physics: Conference Series, 2010, 222, 012032.	0.3	14
205	Scattering of point particles by black holes: Gravitational radiation. Physical Review D, 2018, 97, .	1.6	14
206	ECO-spotting: looking for extremely compact objects with bosonic fields. Classical and Quantum Gravity, 2022, 39, 034001.	1.5	14
207	Love numbers and magnetic susceptibility of charged black holes. Physical Review D, 2022, 105, .	1.6	14
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