Carlos A R Herdeiro

List of Publications by Year
in descending order

214	11,553	25031	31843
papers	citations	57 h-index	101 g-index

220	220	220	3310
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Testing general relativity with present and future astrophysical observations. Classical and Quantum Gravity, 2015, 32, 243001.	4.0	943
2	Kerr Black Holes with Scalar Hair. Physical Review Letters, 2014, 112, 221101.	7.8	572
3	Asymptotically flat black holes with scalar hair: A review. International Journal of Modern Physics D, 2015, 24, 1542014.	2.1	462
4	Black holes, gravitational waves and fundamental physics: a roadmap. Classical and Quantum Gravity, 2019, 36, 143001.	4.0	451
5	Shadows of Kerr Black Holes with Scalar Hair. Physical Review Letters, 2015, 115, 211102.	7.8	366
6	Shadows and strong gravitational lensing: a brief review. General Relativity and Gravitation, 2018, 50, 1.	2.0	317
7	Construction and physical properties of Kerr black holes with scalar hair. Classical and Quantum Gravity, 2015, 32, 144001.	4.0	222
8	Spontaneous Scalarization of Charged Black Holes. Physical Review Letters, 2018, 121, 101102.	7.8	213
9	Prospects for fundamental physics with LISA. General Relativity and Gravitation, 2020, 52, 1.	2.0	198
10	Kerr black holes with Proca hair. Classical and Quantum Gravity, 2016, 33, 154001.	4.0	197
11	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.	4.1	192
12	Spontaneously Scalarized Kerr Black Holes in Extended Scalar-Tensorâ€“Gauss-Bonnet Gravity. Physical Review Letters, 2019, 123, 011101.	7.8	187
13	D3-D7 inflationary model and M theory. Physical Review D, 2002, 65, .	4.7	185
14	Light-Ring Stability for Ultracompact Objects. Physical Review Letters, 2017, 119, 251102.	7.8	184
15	Shadows of Einsteinâ€“dilatonâ€“Gaussâ€“Bonnet black holes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 373-379.	4.1	163
16	Explosion and Final State of an Unstable Reissner-NordstrÃ¶m Black Hole. Physical Review Letters, 2016, 116, 141101.	7.8	133
17	String theory and hybrid inflation/acceleration. Journal of High Energy Physics, 2001, 2001, 027-027.	4.7	131
18	Kerr-Newman scalar clouds. Physical Review D, 2014, 90, .	4.7	128

#	Article	IF	Citations
19	Spin-Induced Scalarized Black Holes. Physical Review Letters, 2021, 126, 011103.	7.8	128
20	Shadows of Kerr black holes with and without scalar hair. International Journal of Modern Physics D, 2016, 25, 1641021.	2.1	127
21	GW190521 as a Merger of Proca Stars: A Potential New Vector Boson of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>8.7</mml:mn><mml:mo>Ã—</mml:mo><mml:msup><mml:mrow><mml:mn>10</mml:mn></mml:mrow><mml:mn></mml:mn> Physical Review Letters, 2021, 126, 081101.	7.8	125
22	Fundamental photon orbits: Black hole shadows and spacetime instabilities. Physical Review D, 2017, 96, .	4.7	124
23	Born-Infeld theory and stringy causality. Physical Review D, 2001, 63, .	4.7	120
24	Chaotic lensing around boson stars and Kerr black holes with scalar hair. Physical Review D, 2016, 94, .	4.7	116
25	Spontaneous scalarisation of charged black holes: coupling dependence and dynamical features. Classical and Quantum Gravity, 2019, 36, 134002.	4.0	114
26	Kerr black holes with self-interacting scalar hair: Hairier but not heavier. Physical Review D, 2015, 92, .	4.7	102
27	Stationary Black Holes and Light Rings. Physical Review Letters, 2020, 124, 181101.	7.8	101
28	Rapid growth of superradiant instabilities for charged black holes in a cavity. Physical Review D, 2013, 88, .	4.7	98
29	Stationary metrics and optical Zermelo-Randers-Finsler geometry. Physical Review D, 2009, 79, .	4.7	94
30	EHT Constraint on the Ultralight Scalar Hair of the M87 Supermassive Black Hole. Universe, 2019, 5, 220.	2.5	90
31	Supersymmetric rotating black holes and causality violation. Classical and Quantum Gravity, 1999, 16, 3619-3652.	4.0	89
32	Flux-branes and the dielectric effect in string theory. Nuclear Physics B, 2001, 619, 155-190.	2.5	89
33	Ergosurfaces for Kerr black holes with scalar hair. Physical Review D, 2014, 89, .	4.7	88
34	Time evolution of superradiant instabilities for charged black holes in a cavity. Physical Review D, 2014, 89, .	4.7	87
35	A new spin on black hole hair. International Journal of Modern Physics D, 2014, 23, 1442014.	2.1	86
36	Asymptotically flat scalar, Dirac and Proca stars: Discrete vs. continuous families of solutions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 654-662.	4.1	83

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37	The imitation game: Proca stars that can mimic the Schwarzschild shadow. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 051.	5.4	83
38	Nonlinear Dynamics of Spinning Bosonic Stars: Formation and Stability. Physical Review Letters, 2019, 123, 221101.	7.8	82
39	New horizons for fundamental physics with LISA. Living Reviews in Relativity, 2022, 25, .	26.7	82
40	Non-linear Q -clouds around Kerr black holes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 302-307.	4.1	77
41	Does the black hole shadow probe the event horizon geometry?. Physical Review D, 2018, 97, .	4.7	77
42	Stationary scalar configurations around extremal charged black holes. General Relativity and Gravitation, 2013, 45, 2483-2492.	2.0	76
43	The Melvin universe in Born-Infeld theory and other theories of nonlinear electrodynamics. Classical and Quantum Gravity, 2001, 18, 1677-1690.	4.0	75
44	Lensing and dynamics of ultracompact bosonic stars. Physical Review D, 2017, 96, .	4.7	73
45	Can different black holes cast the same shadow?. Physical Review D, 2021, 103, .	4.7	72
46	Myersâ€“Perry black holes with scalar hair and a mass gap. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 1-7.	4.1	70
47	Astrophysical imaging of Kerr black holes with scalar hair. Physical Review D, 2016, 94, .	4.7	70
48	Iron KÎ± line of Kerr black holes with scalar hair. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 049-049.	5.4	69
49	Spinning deformations of the D1â€“D5 system and a geometric resolution of closed timelike curves. Nuclear Physics B, 2003, 665, 189-210.	2.5	68
50	Dynamical Formation of Kerr Black Holes with Synchronized Hair: An Analytic Model. Physical Review Letters, 2017, 119, 261101.	7.8	67
51	Exploring New Physics Frontiers Through Numerical Relativity. Living Reviews in Relativity, 2015, 18, 1.	26.7	64
52	Lensing and shadow of a black hole surrounded by a heavy accretion disk. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 035-035.	5.4	64
53	Gravitoelectromagnetic analogy based on tidal tensors. Physical Review D, 2008, 78, .	4.7	62
54	Numerical evolutions of spherical Proca stars. Physical Review D, 2017, 95, .	4.7	61

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55	Asymptotically flat spinning scalar, Dirac and Proca stars. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134845.	4.1	61
56	Inside black holes with synchronized hair. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 279-287.	4.1	58
57	Einstein-Maxwell-scalar black holes: The hot, the cold and the bald. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135493.	4.1	57
58	Effective stability against superradiance of Kerr black holes with synchronised hair. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 651-655.	4.1	55
59	Einstein-Maxwell-scalar black holes: classes of solutions, dyons and extremality. Journal of High Energy Physics, 2019, 2019, 1.	4.7	53
60	Mathissonâ€™s helical motions for a spinning particle: Are they unphysical?. Physical Review D, 2012, 85, .	4.7	52
61	Numerical relativity forDdimensional space-times: Head-on collisions of black holes and gravitational wave extraction. Physical Review D, 2010, 82, .	4.7	51
62	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, .	4.7	51
63	Head-on collisions and orbital mergers of Proca stars. Physical Review D, 2019, 99, .	4.7	51
64	NR/HEP: roadmap for the future. Classical and Quantum Gravity, 2012, 29, 244001.	4.0	50
65	Charged black holes with axionic-type couplings: Classes of solutions and dynamical scalarization. Physical Review D, 2019, 100, .	4.7	50
66	Collisions of charged black holes. Physical Review D, 2012, 85, .	4.7	49
67	Kerrâ€“Newman black holes with scalar hair. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 234-241.	4.1	49
68	Myersâ€“Perry black holes with scalar hair and a mass gap: Unequal spins. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 748, 30-36.	4.1	48
69	Dynamical formation of a Reissner-NordstrÃ¶m black hole with scalar hair in a cavity. Physical Review D, 2016, 94, .	4.7	48
70	Non-perturbative spinning black holes in dynamical Chernâ€“Simons gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 787, 8-15.	4.1	47
71	Dynamical formation of Proca stars and quasistationary solitonic objects. Physical Review D, 2018, 98, .	4.7	43
72	Black hole spontaneous scalarisation with a positive cosmological constant. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135269.	4.1	41

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73	The scalarised Schwarzschild-NUT spacetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 295-301.	4.1	40
74	Black hole scalarization from the breakdown of scale invariance. Physical Review D, 2019, 99, .	4.7	39
75	Shadows and lensing of black holes immersed in strong magnetic fields. Physical Review D, 2021, 104, .	4.7	39
76	Marginal scalar and Proca clouds around Reissner-NordstrÃ¶m black holes. Physical Review D, 2014, 90, .	4.7	38
77	Collisions of oppositely charged black holes. Physical Review D, 2014, 89, .	4.7	36
78	Shadows of charged rotating black holes: Kerrâ€“Newman versus Kerrâ€“Sen. International Journal of Modern Physics D, 2020, 29, 2041005.	2.1	36
79	Black holes in a box: Toward the numerical evolution of black holes in AdS space-times. Physical Review D, 2010, 82, .	4.7	35
80	How fast can a black hole rotate?. International Journal of Modern Physics D, 2015, 24, 1544022.	2.1	35
81	Dynamical bar-mode instability in spinning bosonic stars. Physical Review D, 2020, 102, .	4.7	35
82	Rotating axion boson stars. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 037-037.	5.4	35
83	The Kerrâ€“Newmanâ€“GÃ¶del black hole. Classical and Quantum Gravity, 2003, 20, 4891-4900.	4.0	34
84	Wiggly tails: A gravitational wave signature of massive fields around black holes. Physical Review D, 2014, 90, .	4.7	34
85	Spinning boson stars and Kerr black holes with scalar hair: The effect of self-interactions. International Journal of Modern Physics D, 2016, 25, 1641014.	2.1	34
86	Quasinormal modes of hot, cold and bald Einsteinâ€“Maxwell-scalar black holes. European Physical Journal C, 2021, 81, 1.	3.9	34
87	Iron KÎ± line of boson stars. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 003-003.	5.4	33
88	Head-on collisions of unequal mass black holes inD=5dimensions. Physical Review D, 2011, 83, .	4.7	32
89	Can black hole superradiance be induced by galactic plasmas?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 169-173.	4.1	32
90	Spinning black holes in shift-symmetric Horndeski theory. Journal of High Energy Physics, 2020, 2020, 1.	4.7	32

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91	Higher dimensional black hole scalarization. Journal of High Energy Physics, 2020, 2020, 1.	4.7	32
92	Shadows of exact binary black holes. Physical Review D, 2018, 98, .	4.7	31
93	Superradiant instabilities in aD-dimensional small Reissner-NordstrÃ¶m-anti-de Sitter black hole. Physical Review D, 2014, 89, .	4.7	30
94	Hawking radiation for a Proca field in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>D</mml:mi></mml:math>dimensions. Physical Review D, 2012, 85, .	4.7	29
95	Spherical electro-vacuum black holes with resonant, scalar Q-hair. European Physical Journal C, 2020, 80, 1.	3.9	29
96	Casimir energy and a cosmological bounce. Classical and Quantum Gravity, 2006, 23, 473-484.	4.0	27
97	On the interaction between two Kerr black holes. Journal of High Energy Physics, 2008, 2008, 017-017.	4.7	27
98	HKT geometry and de Sitter supergravity. Nuclear Physics B, 2009, 809, 406-425.	2.5	27
99	Testing the nonlinear stability of Kerr-Newman black holes. Physical Review D, 2014, 90, .	4.7	27
100	Synchronized gravitational atoms from mergers of bosonic stars. Physical Review D, 2020, 102, .	4.7	26
101	Acoustic clouds: Standing sound waves around a black hole analogue. Physical Review D, 2015, 91, .	4.7	25
102	Kerr black holes with synchronised scalar hair and higher azimuthal harmonic index. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 436-444.	4.1	25
103	Maxwell perturbations on Kerrâ€“antiâ€“de Sitter black holes: Quasinormal modes, superradiant instabilities, and vector clouds. Physical Review D, 2016, 93, .	4.7	24
104	Black holes with synchronised Proca hair: linear clouds and fundamental non-linear solutions. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
105	Radiation from aD-Dimensional Collision of Shock Waves: A Remarkably Simple Fit Formula. Physical Review Letters, 2012, 108, 181102.	7.8	23
106	Synchronous frequencies of extremal Kerr black holes: Resonances, scattering, and stability. Physical Review D, 2017, 96, .	4.7	23
107	Global embedding of the Kerr black hole event horizon into hyperbolic 3-space. Physical Review D, 2009, 80, .	4.7	22
108	Bekenstein-Hawking area law for black objects with conical singularities. Physical Review D, 2010, 81, .	4.7	22

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109	Radiation from a D-dimensional collision of shock waves: first order perturbation theory. Journal of High Energy Physics, 2011, 2011, 1.	4.7	22
110	On the inexistence of solitons in Einsteinâ€“Maxwell-scalar models. Classical and Quantum Gravity, 2019, 36, 105015.	4.0	22
111	Asymptotically Flat, Spherical, Self-Interacting Scalar, Dirac and Proca Stars. Symmetry, 2020, 12, 2032.	2.2	22
112	Ultralight bosons for strong gravity applications from simple Standard Model extensions. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 047.	5.4	22
113	Isometric embedding of BPS branes in flat spaces with two times. Classical and Quantum Gravity, 2000, 17, 1875-1896.	4.0	21
114	Classical and quantum strings in compactifiedppwaves and GÃ¶del type universes. Physical Review D, 2004, 69, .	4.7	21
115	Gauduchon-Tod structures,Simholonomy and De Sitter supergravity. Journal of High Energy Physics, 2009, 2009, 069-069.	4.7	21
116	Multifield, Multifrequency Bosonic Stars and a Stabilization Mechanism. Physical Review Letters, 2021, 126, 241105.	7.8	21
117	Einstein-Maxwell-dilaton neutral black holes in strong magnetic fields: Topological charge, shadows, and lensing. Physical Review D, 2022, 105, .	4.7	21
118	Mass inflation in Brans-Dicke gravity. Physical Review D, 2009, 79, .	4.7	20
119	Thermodynamical description of stationary, asymptotically flat solutions with conical singularities. Physical Review D, 2010, 81, .	4.7	20
120	Stationary scalar clouds around a BTZ black hole. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 129-134.	4.1	20
121	Constraining black holes with light boson hair and boson stars using epicyclic frequencies and quasiperiodic oscillations. Physical Review D, 2017, 95, .	4.7	20
122	Dynamical and thermodynamical aspects of interacting Kerr black holes. Physical Review D, 2009, 79, .	4.7	19
123	Dynamics of black holes in de Sitter spacetimes. Physical Review D, 2012, 85, .	4.7	19
124	Anti-de-Sitter regular electric multipoles: Towards Einsteinâ€“Maxwell-AdS solitons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 393-398.	4.1	19
125	Superradiance in the BTZ black hole with Robin boundary conditions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 146-154.	4.1	19
126	Isolated black holes without <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi mathvariant="double-struck">Z</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> isometry. Physical Review D, 2018, 98, .	4.7	19

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127	Spinning black holes with a separable Hamiltonâ€“Jacobi equation from a modified Newmanâ€“Janis algorithm. European Physical Journal C, 2020, 80, 1.	3.9	19
128	Maxwell perturbations on asymptotically antiâ€“de Sitter spacetimes: Generic boundary conditions and a new branch of quasinormal modes. Physical Review D, 2015, 92, .	4.7	18
129	Skyrmions around Kerr black holes and spinning BHs with Skyrme hair. Journal of High Energy Physics, 2018, 2018, 1.	4.7	18
130	A class of solitons in Maxwell-scalar and Einsteinâ€“Maxwell-scalar models. European Physical Journal C, 2020, 80, 1.	3.9	18
131	Hagedorn transition and chronology protection in string theory. Nuclear Physics B, 2005, 728, 148-178.	2.5	17
132	On a class of 4D KÃhler bases and AdS5supersymmetric black holes. Journal of High Energy Physics, 2006, 2006, 036-036.	4.7	17
133	Static Einstein-Maxwell Black Holes with No Spatial Isometries in AdS Space. Physical Review Letters, 2016, 117, 221102.	7.8	17
134	Probing the universality of synchronised hair around rotating black holes with Q-clouds. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 151-159.	4.1	17
135	Dynamical <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo>â„“</mml:mo></mml:math> -boson stars: Generic stability and evidence for nonspherical solutions. Physical Review D, 2020, 101, .	4.7	17
136	Dynamical formation of a hairy black hole in a cavity from the decay of unstable solitons. Classical and Quantum Gravity, 2017, 34, 165001.	4.0	16
137	Dynamically and thermodynamically stable black holes in Einstein-Maxwell-dilaton gravity. Journal of High Energy Physics, 2020, 2020, 1.	4.7	16
138	Scalar Casimir effect on a D -dimensional Einstein static universe. Classical and Quantum Gravity, 2008, 25, 165010.	4.0	15
139	Higher-dimensional puncture initial data. Physical Review D, 2011, 84, .	4.7	15
140	Skyrmions, Skyrme stars and black holes with Skyrme hair in five spacetime dimension. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
141	Superradiant instabilities in the Kerr-mirror and Kerr-AdS black holes with Robin boundary conditions. Physical Review D, 2018, 97, .	4.7	15
142	Magnetized accretion disks around Kerr black holes with scalar hair: Constant angular momentum disks. Physical Review D, 2019, 99, .	4.7	15
143	Chains of boson stars. Physical Review D, 2021, 103, .	4.7	15
144	Aspects of Gauss-Bonnet Scalarisation of Charged Black Holes. Universe, 2021, 7, 483.	2.5	15

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145	Violations of the Kerr and Reissner-NordstrÃ¶m bounds: Horizon versus asymptotic quantities. Physical Review D, 2016, 94, .	4.7	14
146	Dirac perturbations on Schwarzschildâ€“antiâ€“de Sitter spacetimes: Generic boundary conditions and new quasinormal modes. Physical Review D, 2017, 96, .	4.7	14
147	Reissnerâ€“NordstrÃ¶m black holes with non-Abelian hair. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 63-69.	4.1	14
148	Self-interactions can stabilize excited boson stars. Classical and Quantum Gravity, 2022, 39, 064001.	4.0	14
149	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>n</mml:mi></mml:math>-DBI gravity. Physical Review D, 2011, 84, .	4.7	13
150	Spinning boson stars and hairy black holes with nonminimal coupling. International Journal of Modern Physics D, 2018, 27, 1843009.	2.1	13
151	Gravitating solitons and black holes with synchronised hair in the four dimensional O(3) sigma-model. Journal of High Energy Physics, 2019, 2019, 1.	4.7	13
152	Tidal Love numbers of Proca stars. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 029-029.	5.4	13
153	Equatorial timelike circular orbits around generic ultracompact objects. Physical Review D, 2022, 105, .	4.7	13
154	A double Myers-Perry black hole in five dimensions. Journal of High Energy Physics, 2008, 2008, 009-009.	4.7	12
155	Relativistic Eulerâ€™s three-body problem, optical geometry, and the golden ratio. Physical Review D, 2009, 80, .	4.7	12
156	Hawking radiation for a Proca field inDdimensions. II. Charged field in a brane charged black hole. Physical Review D, 2013, 87, .	4.7	12
157	Kerr black holes with synchronized axionic hair. Physical Review D, 2021, 103, .	4.7	12
158	Iron KÎ± line of Proca stars. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 014-014.	5.4	11
159	GW190521 formation scenarios via relativistic accretion. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 032.	5.4	11
160	Head-on collisions of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo>â„“</mml:mo></mml:math> -boson stars. Physical Review D, 2022, 105, .	4.7	11
161	Mass inflation in a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>D</mml:mi></mml:math>-dimensional Reissner-NordstrÃ¶m black hole: A hierarchy of particle accelerators?. Physical Review D, 2011, 84, .	4.7	10
162	Higher dimensional numerical relativity: Code comparison. Physical Review D, 2014, 90, .	4.7	10

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163	Virial identities in relativistic gravity: 1D effective actions and the role of boundary terms. Physical Review D, 2021, 104, .	4.7	10
164	Einsteinâ€“Maxwellâ€“Anti-de-Sitter spinning solitons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 268-274.	4.1	9
165	Iron <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">K</mml:mi><mml:mi>Î±</mml:mi></mml:mrow></mml:math> line of Kerr black holes with Proca hair. Physical Review D, 2017, 95, .	4.7	9
166	An analytic effective model for hairy black holes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 124-130.	4.1	9
167	Magnetized accretion disks around Kerr black holes with scalar hair: Nonconstant angular momentum disks. Physical Review D, 2021, 104, .	4.7	9
168	A bound on energy extraction (and hairiness) from superradiance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136835.	4.1	9
169	Spin-induced scalarization and magnetic fields. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 832, 137227.	4.1	9
170	Scale invariance and a gravitational model with non-eternal inflation. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 031-031.	5.4	8
171	Numerical relativity and high energy physics: Recent developments. International Journal of Modern Physics D, 2016, 25, 1641022.	2.1	8
172	Horizon geometry for Kerr black holes with synchronized hair. Physical Review D, 2018, 97, .	4.7	8
173	Scalar graviton inn-DBI gravity. Physical Review D, 2012, 86, .	4.7	7
174	Stationary bound states of massless scalar fields around black holes and black hole analogues. International Journal of Modern Physics D, 2015, 24, 1542018.	2.1	7
175	On the inexistence of self-gravitating solitons in generalised axion electrodynamics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135076.	4.1	7
176	Black holes, stationary clouds and magnetic fields. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136142.	4.1	7
177	Spinning gauged boson and Dirac stars: A comparative study. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136811.	4.1	7
178	Five Dimensional Minimal Supergravities and Four Dimensional Complex Geometries. , 2009, , .		6
179	Radiation from a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>D</mml:mi></mml:math>-dimensional collision of shock waves: Higher-order setup and perturbation theory validity. Physical Review D, 2013, 87, .	4.7	6
180	Synchronized stationary clouds in a static fluid. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 442-447.	4.1	6

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181	Compact objects and the swampland. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6
182	Spontaneous scalarization of a conducting sphere in Maxwell-scalar models. Physical Review D, 2021, 103, .	4.7	6
183	Backreaction of frame dragging. Physical Review D, 2009, 80, .	4.7	5
184	Reference frames and the physical gravito-electromagnetic analogy. Proceedings of the International Astronomical Union, 2009, 5, 31-39.	0.0	5
185	Black holes in a box. Journal of Physics: Conference Series, 2010, 229, 012072.	0.4	5
186	Radiation from a D-dimensional collision of shock waves: proof of first order formula and angular factorisation at all orders. Journal of High Energy Physics, 2014, 2014, 1.	4.7	5
187	Charged Dirac perturbations on Reissner-NordstrÃ¶mâ€“antiâ€“de Sitter spacetimes: Quasinormal modes with Robin boundary conditions. Physical Review D, 2019, 100, .	4.7	5
188	De-singularizing the extremal GMGHS black hole via higher derivatives corrections. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 818, 136357.	4.1	4
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