

Caio Fábio Macedo

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,287
citations

331670

21
h-index

302126

39
g-index

40
all docs

40
docs citations

40
times ranked

1316
citing authors

#	ARTICLE	IF	CITATIONS
1	Gravitational-wave signatures of exotic compact objects and of quantum corrections at the horizon scale. <i>Physical Review D</i> , 2016, 94, .	4.7	347
2	Light rings as observational evidence for event horizons: Long-lived modes, ergoregions and nonlinear instabilities of ultracompact objects. <i>Physical Review D</i> , 2014, 90, .	4.7	198
3	Slowly rotating black holes in alternative theories of gravity. <i>Physical Review D</i> , 2011, 84, .	4.7	152
4	Perturbed black holes in Einstein-dilaton-Gauss-Bonnet gravity: Stability, ringdown, and gravitational-wave emission. <i>Physical Review D</i> , 2016, 94, .	4.7	152
5	INTO THE LAIR: GRAVITATIONAL-WAVE SIGNATURES OF DARK MATTER. <i>Astrophysical Journal</i> , 2013, 774, 48.	4.5	135
6	Slowly rotating anisotropic neutron stars in general relativity and scalar-tensor theory. <i>Classical and Quantum Gravity</i> , 2015, 32, 145008.	4.0	121
7	Stability of scalarized black hole solutions in scalar-Gauss-Bonnet gravity. <i>Physical Review D</i> , 2019, 99, .	4.7	121
8	Astrophysical signatures of boson stars: Quasinormal modes and inspiral resonances. <i>Physical Review D</i> , 2013, 88, .	4.7	106
9	Self-interactions and spontaneous black hole scalarization. <i>Physical Review D</i> , 2019, 99, .	4.7	104
10	Parametrized black hole quasinormal ringdown: Decoupled equations for nonrotating black holes. <i>Physical Review D</i> , 2019, 99, .	4.7	86
11	Black holes and gravitational waves in models of minicharged dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 054-054.	5.4	82
12	Interaction between bosonic dark matter and stars. <i>Physical Review D</i> , 2016, 93, .	4.7	76
13	Parametrized black hole quasinormal ringdown. II. Coupled equations and quadratic corrections for nonrotating black holes. <i>Physical Review D</i> , 2019, 100, .	4.7	75
14	Axion boson stars. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 061-061.	5.4	56
15	Ultralight boson cloud depletion in binary systems. <i>Physical Review D</i> , 2019, 99, .	4.7	54
16	Absorption of planar massless scalar waves by Bardeen regular black holes. <i>Physical Review D</i> , 2014, 90, .	4.7	47
17	Orbital fingerprints of ultralight scalar fields around black holes. <i>Physical Review D</i> , 2017, 96, .	4.7	46
18	Scattering by regular black holes: Planar massless scalar waves impinging upon a Bardeen black hole. <i>Physical Review D</i> , 2015, 92, .	4.7	39

#	ARTICLE	IF	CITATIONS
19	Absorption of planar massless scalar waves by Kerr black holes. <i>Physical Review D</i> , 2013, 88, .	4.7	35
20	Eccentricity evolution of compact binaries and applications to gravitational-wave physics. <i>Physical Review D</i> , 2021, 103, .	4.7	27
21	Quasinormal modes of relativistic stars and interacting fields. <i>Physical Review D</i> , 2016, 93, .	4.7	21
22	The tune of the Universe: the role of plasma in tests of strong-field gravity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 563-573.	4.4	21
23	Absorption by dirty black holes: Null geodesics and scalar waves. <i>Physical Review D</i> , 2016, 93, .	4.7	18
24	Black holes in Einstein-GauÃŸ-Bonnet-dilaton theory. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 265-272.	0.0	18
25	Absorption by black hole remnants in metric-affine gravity. <i>Physical Review D</i> , 2019, 100, .	4.7	18
26	Scalar waves in regular Bardeen black holes: Scattering, absorption and quasinormal modes. <i>International Journal of Modern Physics D</i> , 2016, 25, 1641008.	2.1	16
27	ECO-spotting: looking for extremely compact objects with bosonic fields. <i>Classical and Quantum Gravity</i> , 2022, 39, 034001.	4.0	14
28	Semiclassical analysis of the scalar geodesic synchrotron radiation in Kerr spacetime. <i>Physical Review D</i> , 2012, 86, .	4.7	13
29	Dynamical signatures of black holes in massive Chern-Simons gravity: Quasibound modes and time evolution. <i>Physical Review D</i> , 2018, 98, .	4.7	10
30	Spectral lines of extreme compact objects. <i>Physical Review D</i> , 2018, 98, .	4.7	9
31	Scalar modes, spontaneous scalarization and circular null-geodesics of black holes in scalar-GaussÃŸ-Bonnet gravity. <i>International Journal of Modern Physics D</i> , 2020, 29, 2041006.	2.1	8
32	Black holes with surrounding matter and rainbow scattering. <i>Physical Review D</i> , 2019, 99, .	4.7	6
33	Tidal forces in dirty black hole spacetimes. <i>European Physical Journal C</i> , 2022, 82, .	3.9	5
34	Absorption of massless scalar field by rotating black holes. <i>International Journal of Modern Physics D</i> , 2016, 25, 1641024.	2.1	4
35	Drifting through the medium: kicks and self-propulsion of binaries within accretion discs and other environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 1963-1972.	4.4	4
36	Absorption of zero-mass planar waves by dirty black holes. <i>International Journal of Modern Physics D</i> , 2018, 27, 1843017.	2.1	2

#	ARTICLE	IF	CITATIONS
37	Evidence for event horizons: Long-lived modes in ultracompact objects. International Journal of Modern Physics D, 2015, 24, 1542023.	2.1	1
38	Absorption by regular black holes: Planar scalar waves in Bardeen spacetimes. , 2017, , .		0