Alejandro Cardenas-Avendano

List of Publications by Year
in descending order

21 papers	905 citations	623734 14 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	961 citing authors

#	ARTICLE	IF	CITATIONS
1	Prospects for fundamental physics with LISA. General Relativity and Gravitation, 2020, 52, 1.	2.0	198
2	Wormholes and nonsingular spacetimes in Palatini<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>R</mml:mi><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 692 Td (stretchy="false">)</mml:m	4.7	119
3	Testing the Kerr Black Hole Hypothesis Using X-Ray Reflection Spectroscopy. Astrophysical Journal, 2017, 842, 76.	4.5	107
4	New horizons for fundamental physics with LISA. Living Reviews in Relativity, 2022, 25, .	26.7	82
5	Search for astrophysical rotating Ellis wormholes with x-ray reflection spectroscopy. Physical Review D, 2016, 94, .	4.7	75
6	Iron KÎ± line of Kerr black holes with scalar hair. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 049-049.	5.4	69
7	Astrophysical and Theoretical Physics Implications from Multimessenger Neutron Star Observations. Physical Review Letters, 2021, 126, 181101.	7.8	69
8	Gravitational-wave versus x-ray tests of strong-field gravity. Classical and Quantum Gravity, 2020, 37, 135008.	4.0	38
9	Iron KÎ± line of boson stars. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 003-003.	5.4	33
10	The exact dynamical Chernâ€“Simons metric for a spinning black hole possesses a fourth constant of motion: a dynamical-systems-based conjecture. Classical and Quantum Gravity, 2018, 35, 165010.	4.0	22
11	Testing the Kerr black hole hypothesis: Comparison between the gravitational wave and the iron line approaches. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 254-258.	4.1	21
12	Geometric thermodynamics of a schwarzschild-AdS black hole with a cosmological constant as a state variable. Journal of the Korean Physical Society, 2012, 60, 987-992.	0.7	15
13	Modeling uncertainties in x-ray reflection spectroscopy measurements. II. Impact of the radiation from the plunging region. Physical Review D, 2020, 101, .	4.7	15
14	Spherical Accretion in Alternative Theories of Gravity. Astrophysical Journal, 2022, 925, 119.	4.5	15
15	Experimental relativity with accretion disk observations. Physical Review D, 2019, 100, .	4.7	13
16	Blandford-Znajek process in quadratic gravity. Physical Review D, 2022, 105, .	4.7	8
17	Gravitational Lensing in the Strong Field Limit for Karâ€™s Metric. International Journal of Theoretical Physics, 2016, 55, 2219-2236.	1.2	7
18	A SURVEY OF ASTRONOMICAL RESEARCH: A BASELINE FOR ASTRONOMICAL DEVELOPMENT. Astronomical Journal, 2013, 146, 138.	4.7	2

#	Article	IF	Citations
19	A study for testing the Kerr metric with AGN iron line eclipses. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 054-054.	5.4	2
20	Stealth chaos due to frame-dragging. Classical and Quantum Gravity, 2021, 38, 145013.	4.0	2
21	Thermal Accretion Disk Spectra Based Tests of General Relativity. Proceedings (mdpi), 2019, 17, .	0.2	0