

# Alejandro Cardenas-Avendano

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2168704/publications.pdf>

Version: 2024-02-01

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	Spherical Accretion in Alternative Theories of Gravity. <i>Astrophysical Journal</i> , 2022, 925, 119.	4.5	15
2	Blandford-Znajek process in quadratic gravity. <i>Physical Review D</i> , 2022, 105, .	4.7	8
3	New horizons for fundamental physics with LISA. <i>Living Reviews in Relativity</i> , 2022, 25, .	26.7	82
4	Astrophysical and Theoretical Physics Implications from Multimessenger Neutron Star Observations. <i>Physical Review Letters</i> , 2021, 126, 181101.	7.8	69
5	Stealth chaos due to frame-dragging. <i>Classical and Quantum Gravity</i> , 2021, 38, 145013.	4.0	2
6	Prospects for fundamental physics with LISA. <i>General Relativity and Gravitation</i> , 2020, 52, 1.	2.0	198
7	Gravitational-wave versus x-ray tests of strong-field gravity. <i>Classical and Quantum Gravity</i> , 2020, 37, 135008.	4.0	38
8	Modeling uncertainties in x-ray reflection spectroscopy measurements. II. Impact of the radiation from the plunging region. <i>Physical Review D</i> , 2020, 101, .	4.7	15
9	Experimental relativity with accretion disk observations. <i>Physical Review D</i> , 2019, 100, .	4.7	13
10	Thermal Accretion Disk Spectra Based Tests of General Relativity. <i>Proceedings (mdpi)</i> , 2019, 17, .	0.2	0
11	The exact dynamical Chern-Simons metric for a spinning black hole possesses a fourth constant of motion: a dynamical-systems-based conjecture. <i>Classical and Quantum Gravity</i> , 2018, 35, 165010.	4.0	22
12	Testing the Kerr Black Hole Hypothesis Using X-Ray Reflection Spectroscopy. <i>Astrophysical Journal</i> , 2017, 842, 76.	4.5	107
13	A study for testing the Kerr metric with AGN iron line eclipses. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 054-054.	5.4	2
14	Iron $K\alpha$ line of boson stars. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 003-003.	5.4	33
15	Iron $K\alpha$ line of Kerr black holes with scalar hair. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 049-049.	5.4	69
16	Search for astrophysical rotating Ellis wormholes with x-ray reflection spectroscopy. <i>Physical Review D</i> , 2016, 94, .	4.7	75
17	Wormholes and nonsingular spacetimes in Palatini $f(R)$ gravity. <i>Physical Review D</i> , 2016, 94, 044011.	4.7	110
18	Testing the Kerr black hole hypothesis: Comparison between the gravitational wave and the iron line approaches. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 760, 254-258.	4.1	21

#	ARTICLE	IF	CITATIONS
19	Gravitational Lensing in the Strong Field Limit for Karh��t��s Metric. International Journal of Theoretical Physics, 2016, 55, 2219-2236.	1.2	7
20	A SURVEY OF ASTRONOMICAL RESEARCH: A BASELINE FOR ASTRONOMICAL DEVELOPMENT. Astronomical Journal, 2013, 146, 138.	4.7	2
21	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