

# Ulises Nucamendi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6700208/publications.pdf>

Version: 2024-02-01

51  
papers

1,007  
citations

471477

17  
h-index

434170

31  
g-index

52  
all docs

52  
docs citations

52  
times ranked

621  
citing authors

#	ARTICLE	IF	CITATIONS
1	A general relativistic estimation of the black hole mass-to-distance ratio at the core of TXS 2226184. <i>Astronomy and Astrophysics</i> , 2022, 662, L9.	5.1	5
2	Mass and spin of Kerr black holes in terms of observational quantities: The dragging effect on the redshift. <i>Physical Review D</i> , 2022, 105, .	4.7	5
3	General relativistic formulas for mass and spin of a Kerr black hole in terms of redshifts and orbital parameters. <i>Astronomische Nachrichten</i> , 2021, 342, 198-204.	1.2	3
4	Quantum origin of inflation in the geometric inflation model. <i>Physical Review D</i> , 2021, 103, .	4.7	6
5	Mass parameter and the bounds on redshifts and blueshifts of photons emitted from geodesic particle orbiting in the vicinity of regular black holes. <i>Physical Review D</i> , 2021, 103, .	4.7	6
6	Revisiting cosmological diffusion models in Unimodular Gravity and the $H$ tension. <i>Physics of the Dark Universe</i> , 2021, 32, 100807.	4.9	23
7	Toward the Gravitational Redshift Detection in NGC 4258 and the Estimation of Its Black Hole Mass-to-distance Ratio. <i>Astrophysical Journal Letters</i> , 2021, 917, L14.	8.3	7
8	Revisiting dynamics of interacting quintessence. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	2
9	Equivalence between Horndeski and beyond Horndeski theories and imperfect fluids. <i>Physical Review D</i> , 2020, 102, .	4.7	11
10	Bounds on spinning particles in their innermost stable circular orbits around rotating braneworld black hole. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	16
11	Global asymptotic dynamics of cosmological Einsteinian cubic gravity. <i>Physical Review D</i> , 2020, 102, .	4.7	17
12	Schwarzschild black hole surrounded by quintessential matter field as an accelerator for spinning particles. <i>Physical Review D</i> , 2020, 102, .	4.7	8
13	Inflationary equilibrium configurations of scalar-tensor theories of gravity. <i>Physical Review D</i> , 2020, 101, .	4.7	1
14	Effects of dark energy anisotropic stress on the matter power spectrum. <i>Physics of the Dark Universe</i> , 2020, 30, 100668.	4.9	2
15	On the phantom barrier crossing and the bounds on the speed of sound in non-minimal derivative coupling theories. <i>Classical and Quantum Gravity</i> , 2018, 35, 075005.	4.0	20
16	Mass and spin of a Kerr black hole in modified gravity and a test of the Kerr black hole hypothesis. <i>Physical Review D</i> , 2018, 97, .	4.7	26
17	Dynamical systems analysis of the cubic galileon beyond the exponential potential and the cosmological analogue of the vDVZ discontinuity. <i>Classical and Quantum Gravity</i> , 2018, 35, 145001.	4.0	12
18	Obtaining mass parameters of compact objects from redshifts and blueshifts emitted by geodesic particles around them. <i>Physical Review D</i> , 2016, 94, .	4.7	25

#	ARTICLE	IF	CITATIONS
19	Cubic derivative interactions and asymptotic dynamics of the galileon vacuum. <i>Classical and Quantum Gravity</i> , 2016, 33, 125036.	4.0	13
20	Kerr black hole parameters in terms of the redshift/blueshift of photons emitted by geodesic particles. <i>Physical Review D</i> , 2015, 92, .	4.7	36
21	Mass hierarchy, mass gap and corrections to Newton's law on thick branes with Poincaré symmetry. <i>General Relativity and Gravitation</i> , 2014, 46, 1.	2.0	22
22	A relativistic axisymmetric approach to the galactic rotation curves problem. <i>Journal of Physics: Conference Series</i> , 2014, 545, 012006.	0.4	1
23	Bulk viscous matter-dominated Universes: asymptotic properties. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 012-012.	5.4	20
24	On the galactic rotation curves problem within an axisymmetric approach. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 301-306.	4.4	6
25	Thick brane isotropization in a generalized 5D anisotropic standing wave braneworld model. <i>Physical Review D</i> , 2013, 87, .	4.7	16
26	Reconstruction of the interaction term between dark matter and dark energy using SNe Ia. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 011-011.	5.4	6
27	Interrelated aspects of thick braneworlds: 4D gravity localization, smoothness of geometry and mass gap in the graviton spectrum. <i>Journal of Physics: Conference Series</i> , 2010, 222, 012003.	0.4	0
28	ASPECTS OF THICK BRANE WORLDS: 4D GRAVITY LOCALIZATION, SMOOTHNESS, AND MASS GAP. <i>Modern Physics Letters A</i> , 2010, 25, 2089-2097.	1.2	30
29	Reconstructing the interaction term between dark matter and dark energy. , 2010, , .		1
30	Exploring a matter-dominated model with bulk viscosity to drive the accelerated expansion of the Universe. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 009-009.	5.4	74
31	Can a matter-dominated model with constant bulk viscosity drive the accelerated expansion of the universe?. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 006-006.	5.4	87
32	A smooth version of the RS model. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	1
33	Constraining a bulk viscous matter-dominated cosmological model using SNe Ia, CMB and LSS. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	8
34	Constraining a matter-dominated cosmological model with bulk viscosity proportional to the Hubble parameter. , 2008, , .		5
35	Mass gap for gravity localized on thick branes. , 2008, , .		1
36	Photon-graviton mixing in an electromagnetic field. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 164048.	2.1	4

#	ARTICLE	IF	CITATIONS
37	One loop photon-graviton mixing in an electromagnetic field: part 2. Journal of High Energy Physics, 2007, 2007, 099-099.	4.7	26
38	Stability properties of Q-stars. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 657, 263-268.	4.1	3
39	Scalar hairy black holes and scalarons in the isolated horizons formalism. Physical Review D, 2006, 73, .	4.7	10
40	Scalar-hairy Black Holes and Solitons: their fate in asymptotically flat spacetimes. AIP Conference Proceedings, 2005, , .	0.4	0
41	Violation of the weak energy condition: Is it generic of spontaneous scalarization?. Physical Review D, 2004, 70, .	4.7	5
42	Scalar hairy black holes and solitons in asymptotically flat spacetimes. Physical Review D, 2003, 68, .	4.7	67
43	Global monopoles non-minimally coupled to gravity and astrophysical implications. AIP Conference Proceedings, 2001, , .	0.4	1
44	Alternative approach to the galactic dark matter problem. Physical Review D, 2001, 63, .	4.7	120
45	Mass formula for Einstein-Yang-Mills solitons. Physical Review D, 2001, 64, .	4.7	6
46	Black holes with zero mass. Classical and Quantum Gravity, 2000, 17, 4051-4058.	4.0	14
47	Einstein-Yang-Mills isolated horizons: Phase space, mechanics, hair, and conjectures. Physical Review D, 2000, 62, .	4.7	52
48	Nonminimal Global Monopoles and Bound Orbits. Physical Review Letters, 2000, 84, 3037-3040.	7.8	57
49	SU(N)- and SO(N)-invariant chiral fields: One- and two-dimensional subspaces. Journal of Mathematical Physics, 1999, 40, 2500-2513.	1.1	2
50	Spontaneous scalarization. Physical Review D, 1998, 58, .	4.7	78
51	Quasi-asymptotically flat spacetimes and their ADM mass. Classical and Quantum Gravity, 1997, 14, 1309-1327.	4.0	40