

Marcony S Cunha

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

339
citations

12
h-index

17
g-index

40
ext. papers

406
ext. citations

3.2
avg, IF

3.65
L-index

#	Paper	IF	Citations
34	Relativistic Landau levels in the rotating cosmic string spacetime. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	51
33	Landau quantization in the spinning cosmic string spacetime. <i>Annals of Physics</i> , 2014 , 350, 105-111	2.5	42
32	Analytic Results in the Position-Dependent Mass Schrödinger Problem. <i>Communications in Theoretical Physics</i> , 2013 , 60, 642-650	2.4	31
31	Hořava-Lifshitz gravity effects on Casimir energy in weak field approximation and infrared regime. <i>Physical Review D</i> , 2013 , 88,	4.9	19
30	Exact solutions and phenomenological constraints from massive scalars in a gravity rainbow spacetime. <i>Physical Review D</i> , 2017 , 96,	4.9	17
29	Vortices in a nonminimal Maxwell-Chern-Simons O(3) sigma model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 475, 315-323	4.2	16
28	Casimir effect in the Hořava-Lifshitz gravity with a cosmological constant. <i>Annals of Physics</i> , 2015 , 359, 55-63	2.5	15
27	Solutions to position-dependent mass quantum mechanics for a new class of hyperbolic potentials. <i>Journal of Mathematical Physics</i> , 2013 , 54, 122108	1.2	15
26	Exact solutions for a Maxwell-Kalb-Ramond action with dilaton: Localization of massless and massive modes in a sine-Gordon brane-world. <i>Physical Review D</i> , 2010 , 82,	4.9	15
25	Kalb-Ramond excitations in a thick-brane scenario with dilaton. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	14
24	SELF-DUAL VORTICES IN A MAXWELL CHERN-SIMONS MODEL WITH NONMINIMAL COUPLING. <i>International Journal of Modern Physics A</i> , 1999 , 14, 1721-1735	1.2	12
23	N = 2 MAXWELL-CHERN-SIMONS MODEL WITH ANOMALOUS MAGNETIC MOMENT COUPLING VIA DIMENSIONAL REDUCTION. <i>International Journal of Modern Physics A</i> , 1999 , 14, 147-159	1.2	12
22	On the global Casimir effect in the Schwarzschild spacetime. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018 , 2018, 006-006	6.4	11
21	Energy eigenfunctions for position-dependent mass particles in a new class of molecular Hamiltonians. <i>Journal of Mathematical Physics</i> , 2014 , 55, 092102	1.2	11
20	Confluent Heun functions in gauge theories on thick braneworlds. <i>Physical Review D</i> , 2011 , 84,	4.9	11
19	Casimir effect in the Kerr spacetime with quintessence. <i>Modern Physics Letters A</i> , 2017 , 32, 1750005	1.3	10
18	Nonminimal Maxwell-Chern-Simons-O(3) vortices: Asymmetric potential case. <i>Physical Review D</i> , 2006 , 74,	4.9	6

17	On effective spacetime dimension in the Hořava-Lifshitz gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 747, 536-540	4.2	5
16	Water Treatment Devices Based on Zero-Valent Metal and Metal Oxide Nanomaterials 2019 , 187-225		4
15	Thermal Casimir effect in Kerr spacetime with quintessence and massive gravitons. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	4
14	Some remarks on relativistic diffusion and the spectral dimension criterion. <i>Physical Review D</i> , 2015 , 91,	4.9	4
13	Exact solutions of the Wheeler-DeWitt equation with ordering term in a dark energy scenario. <i>Physics of the Dark Universe</i> , 2020 , 28, 100547	4.4	2
12	Vacuum polarization at the boundary of a topological insulator. <i>Physical Review D</i> , 2015 , 92,	4.9	2
11	Class of solutions of the Wheeler-DeWitt equation with ordering parameter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 809, 135712	4.2	2
10	Variations in the fine-structure constant constraining gravity theories. <i>Europhysics Letters</i> , 2016 , 115, 40004	1.6	2
9	Some exact results on quantum Newtonian cosmology. <i>Journal of Mathematical Physics</i> , 2019 , 60, 102301.2	1.2	2
8	Dependence of the black-body force on spacetime geometry and topology. <i>Europhysics Letters</i> , 2017 , 117, 60001	1.6	1
7	Resonant frequencies of a charged scalar field in the Garfinkle-Horowitz-Strominger dilaton black hole. <i>International Journal of Modern Physics D</i> , 2019 , 28, 1950151	2.2	1
6	Effects of strong electric fields in a polyacetylene chain. <i>Journal of Physics and Chemistry of Solids</i> , 2015 , 82, 17-20	3.9	1
5	Topological mass generation to antisymmetric tensor matter field. <i>Europhysics Letters</i> , 2005 , 69, 184-188.6	1.6	1
4	Rainbow gravity corrections to the black hole global Casimir effect. <i>European Physical Journal Plus</i> , 2020 , 135, 1	3.1	0
3	Generating mass and topological terms to the antisymmetric tensor matter field by Higgs mechanism. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 646, 279-281	4.2	
2	Quantum relativistic cosmology: Dynamical interpretation and tunneling universe. <i>International Journal of Modern Physics D</i> , 2021 , 30, 2050123	2.2	
1	Quantum Vacuum Fluctuations in a Chromomagnetic-Like Background. <i>Brazilian Journal of Physics</i> , 2018 , 48, 645-651	1.2	