

Celio R Muniz

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3001444/celio-r-muniz-publications-by-citations.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

47
papers

412
citations

13
h-index

19
g-index

52
ext. papers

518
ext. citations

3.4
avg, IF

4.01
L-index

#	Paper	IF	Citations
47	Relativistic Landau levels in the rotating cosmic string spacetime. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	51
46	Exact solutions of the Klein-Gordon equation in the Kerr-Newman background and Hawking radiation. <i>Annals of Physics</i> , 2014 , 350, 14-28	2.5	46
45	Landau quantization in the spinning cosmic string spacetime. <i>Annals of Physics</i> , 2014 , 350, 105-111	2.5	42
44	Antisymmetric tensor fields in Randall-Sundrum thick branes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 503-508	4.2	24
43	Hořava-Lifshitz gravity effects on Casimir energy in weak field approximation and infrared regime. <i>Physical Review D</i> , 2013 , 88,	4.9	19
42	Thermal Casimir effect in closed cosmological models with a cosmic string. <i>Physical Review D</i> , 2014 , 89,	4.9	18
41	Photon mass as a probe to extra dimensions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 138-140	4.2	18
40	Exact solutions and phenomenological constraints from massive scalars in a gravity rainbow spacetime. <i>Physical Review D</i> , 2017 , 96,	4.9	17
39	Casimir effect in the Hořava-Lifshitz gravity with a cosmological constant. <i>Annals of Physics</i> , 2015 , 359, 55-63	2.5	15
38	Generalized nonminimal couplings in Randall-Sundrum scenarios. <i>Physical Review D</i> , 2016 , 93,	4.9	14
37	Self-force on an electric dipole in the spacetime of a cosmic string. <i>Annals of Physics</i> , 2014 , 340, 87-93	2.5	13
36	Nonminimal couplings in Randall-Sundrum scenarios. <i>Physical Review D</i> , 2015 , 92,	4.9	13
35	Casimir effect due to a slowly rotating source in the weak-field approximation. <i>Physical Review D</i> , 2014 , 89,	4.9	13
34	On the global Casimir effect in the Schwarzschild spacetime. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018 , 2018, 006-006	6.4	11
33	Casimir effect in the rainbow Einstein's universe. <i>Europhysics Letters</i> , 2017 , 120, 10005	1.6	11
32	Bulk antisymmetric tensor fields coupled to a dilaton in a Randall-Sundrum model. <i>Physical Review D</i> , 2010 , 82,	4.9	11
31	Casimir effect in the Kerr spacetime with quintessence. <i>Modern Physics Letters A</i> , 2017 , 32, 1750005	1.3	10

30	Remarks on a gravitational analogue of the Casimir effect. <i>International Journal of Modern Physics D</i> , 2016 , 25, 1641018	2.2	9
29	Null second order corrections to Casimir energy in weak gravitational field. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019 , 2019, 011-011	6.4	7
28	Landau levels in the presence of a cosmic string in rainbow gravity. <i>Annals of Physics</i> , 2019 , 401, 162-173	2.5	6
27	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
26	Water Treatment Devices Based on Zero-Valent Metal and Metal Oxide Nanomaterials 2019 , 187-225		4
25	Thermal Casimir effect in Kerr spacetime with quintessence and massive gravitons. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	4
24	Some remarks on relativistic diffusion and the spectral dimension criterion. <i>Physical Review D</i> , 2015 , 91,	4.9	4
23	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
22	Vacuum polarization at the boundary of a topological insulator. <i>Physical Review D</i> , 2015 , 92,	4.9	2
21	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
20	Casimir effect in space-times of rotating wormholes. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	2
19	Ellis-Bronnikov Wormholes in Asymptotically Safe Gravity. <i>Universe</i> , 2021 , 7, 238	2.5	2
18	Variations in the fine-structure constant constraining gravity theories. <i>Europhysics Letters</i> , 2016 , 115, 40004	1.6	2
17	Some exact results on quantum Newtonian cosmology. <i>Journal of Mathematical Physics</i> , 2019 , 60, 102301	1.2	2
16	Casimir effect in a Schwarzschild-like wormhole spacetime. <i>International Journal of Modern Physics D</i> , 2021 , 30, 2150032	2.2	2
15	Casimir effect nearby and through a cosmological wormhole. <i>Europhysics Letters</i> , 2021 , 135, 19002	1.6	2
14	Dependence of the black-body force on spacetime geometry and topology. <i>Europhysics Letters</i> , 2017 , 117, 60001	1.6	1
13	Contributions of a modified electrodynamics to the molecular biochirality. <i>Chirality</i> , 2020 , 32, 1186-1190	2.1	1

12	Thermodynamic properties of static and rotating unparticle black holes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018 , 2018, 040-040	6.4	1
11	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
10	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
9	Electronic oscillations in paired polyacetylene chains. <i>Solid State Communications</i> , 2010 , 150, 1457-1459	1.6	1
8	Comment on Greybody radiation and quasinormal modes of Kerr-like black hole in Bumblebee gravity model. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	1
7	Casimir wormholes in $2+1$ dimensions with applications to the graphene. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
6	Casimir effect in an axially symmetric spacetime with unparticles. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	1
5	Rainbow gravity corrections to the black hole global Casimir effect. <i>European Physical Journal Plus</i> , 2020 , 135, 1	3.1	0
4	Remarks on Some Results Related to the Thermal Casimir Effect in Einstein and Closed Friedmann Universes with a Cosmic String. <i>Universe</i> , 2021 , 7, 232	2.5	0
3	Quantum relativistic cosmology: Dynamical interpretation and tunneling universe. <i>International Journal of Modern Physics D</i> , 2021 , 30, 2050123	2.2	
2	Quantum Vacuum Fluctuations in a Chromomagnetic-Like Background. <i>Brazilian Journal of Physics</i> , 2018 , 48, 645-651	1.2	
1	Exact solution for a traversable wormhole in a curvature-coupled antisymmetric background field. <i>European Physical Journal C</i> , 2022 , 82,	4.2	