

Celio R Muniz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3001444/publications.pdf>

Version: 2024-02-01

50
papers

614
citations

623699

14
h-index

642715

23
g-index

52
all docs

52
docs citations

52
times ranked

219
citing authors

#	ARTICLE	IF	CITATIONS
1	Relativistic Landau levels in the rotating cosmic string spacetime. European Physical Journal C, 2016, 76, 1.	3.9	69
2	Exact solutions of the Klein-Gordon equation in the Kerr-Newman background and Hawking radiation. Annals of Physics, 2014, 350, 14-28.	2.8	61
3	Landau quantization in the spinning cosmic string spacetime. Annals of Physics, 2014, 350, 105-111.	2.8	49
4	Antisymmetric tensor fields in Randall-Sundrum thick branes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 503-508.	4.1	27
5	Exact solutions and phenomenological constraints from massive scalars in a gravity's rainbow spacetime. Physical Review D, 2017, 96, .	4.7	26
6	Casimir effect in the rainbow Einstein's universe. Europhysics Letters, 2017, 120, 10005.	2.0	25
7	Hoava-Lifshitz gravity effects on Casimir energy in weak field approximation and infrared regime. Physical Review D, 2013, 88, .	4.7	22
8	Thermal Casimir effect in closed cosmological models with a cosmic string. Physical Review D, 2014, 89, .	4.7	22
9	Casimir effect in the Hoava-Lifshitz gravity with a cosmological constant. Annals of Physics, 2015, 359, 55-63.	2.8	19
10	Photon mass as a probe to extra dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 138-140.	4.1	19
11	Landau levels in the presence of a cosmic string in rainbow gravity. Annals of Physics, 2019, 401, 162-173.	2.8	18
12	Nonminimal couplings in Randall-Sundrum scenarios. Physical Review D, 2015, 92, .	4.7	17
13	Generalized nonminimal couplings in Randall-Sundrum scenarios. Physical Review D, 2016, 93, .	4.7	17
14	On the global Casimir effect in the Schwarzschild spacetime. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 006-006.	5.4	16
15	Casimir effect due to a slowly rotating source in the weak-field approximation. Physical Review D, 2014, 89, .	4.7	14
16	Self-force on an electric dipole in the spacetime of a cosmic string. Annals of Physics, 2014, 340, 87-93.	2.8	14
17	Bulk antisymmetric tensor fields coupled to a dilaton in a Randall-Sundrum model. Physical Review D, 2010, 82, .	4.7	13
18	Comment on "Greybody radiation and quasinormal modes of Kerr-like black hole in Bumblebee gravity model", European Physical Journal C, 2022, 82, 1.	3.9	13

#	ARTICLE	IF	CITATIONS
19	Casimir effect in the Kerr spacetime with quintessence. <i>Modern Physics Letters A</i> , 2017, 32, 1750005.	1.2	12
20	Null second order corrections to Casimir energy in weak gravitational field. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 011-011.	5.4	11
21	Casimir effect in a Schwarzschild-like wormhole spacetime. <i>International Journal of Modern Physics D</i> , 2021, 30, 2150032.	2.1	11
22	Ellis's Bronnikov Wormholes in Asymptotically Safe Gravity. <i>Universe</i> , 2021, 7, 238.	2.5	11
23	Casimir wormholes in $2+1$ dimensions with applications to the graphene. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	11
24	Remarks on a gravitational analogue of the Casimir effect. <i>International Journal of Modern Physics D</i> , 2016, 25, 1641018.	2.1	10
25	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.	4.1	10
26	Water Treatment Devices Based on Zero-Valent Metal and Metal Oxide Nanomaterials. , 2019, , 187-225.		8
27	Casimir effect nearby and through a cosmological wormhole. <i>Europhysics Letters</i> , 2021, 135, 19002.	2.0	8
28	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.	4.1	7
29	Gravitational bending angle with finite distances by Casimir wormholes. <i>International Journal of Modern Physics D</i> , 2022, 31, .	2.1	7
30	Casimir effect in space-times of rotating wormholes. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	6
31	Some remarks on relativistic diffusion and the spectral dimension criterion. <i>Physical Review D</i> , 2015, 91, .	4.7	5
32	Thermodynamic properties of static and rotating unparticle black holes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 040-040.	5.4	5
33	Thermal Casimir effect in Kerr spacetime with quintessence and massive gravitons. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	4
34	Some exact results on quantum Newtonian cosmology. <i>Journal of Mathematical Physics</i> , 2019, 60, 102301.	1.1	4
35	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.	4.9	4
36	Exact solution for a traversable wormhole in a curvature-coupled antisymmetric background field. <i>European Physical Journal C</i> , 2022, 82, .	3.9	4

#	ARTICLE	IF	CITATIONS
37	Vacuum polarization at the boundary of a topological insulator. <i>Physical Review D</i> , 2015, 92, .	4.7	2
38	Variations in the fine-structure constant constraining gravity theories. <i>Europhysics Letters</i> , 2016, 115, 40004.	2.0	2
39	Contributions of a modified electrodynamics to the molecular biochirality. <i>Chirality</i> , 2020, 32, 1186-1190.	2.6	2
40	Rainbow's gravity corrections to the black hole global Casimir effect. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	2
41	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	2
42	Electronic oscillations in paired polyacetylene chains. <i>Solid State Communications</i> , 2010, 150, 1457-1459.	1.9	1
43	Effects of strong electric fields in a polyacetylene chain. <i>Journal of Physics and Chemistry of Solids</i> , 2015, 82, 17-20.	4.0	1
44	Dependence of the black-body force on spacetime geometry and topology. <i>Europhysics Letters</i> , 2017, 117, 60001.	2.0	1
45	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.	2.1	1
46	Casimir effect in an axially symmetric spacetime with unparticles. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	1
47	Quantum Vacuum Fluctuations in a Chromomagnetic-Like Background. <i>Brazilian Journal of Physics</i> , 2018, 48, 645-651.	1.4	0
48	A Cosmologia Quântica de Wheeler-DeWitt e o Universo Despedaçado. <i>Conexões - Ciência E Tecnologia</i> , 2019, 13, 70-76.	0.0	0
49	EQUILÍBRIO DINÂMICO DE TRÊS CORPOS AUTOGRAVITANTES IDÊNTICOS NA APROXIMAÇÃO PÓS-NEWTONIANA. <i>Conexões - Ciência E Tecnologia</i> , 2019, 13, 30-36.	0.0	0
50	Quantum relativistic cosmology: Dynamical interpretation and tunneling universe. <i>International Journal of Modern Physics D</i> , 2021, 30, 2050123.	2.1	0