Celio R Muniz

List of Publications by Year
in descending order

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

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50	614	623734	642732
papers	citations	14 h-index	23 g-index

52	52	52	219
all docs	docs citations	times ranked	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 Kleinâ€“Gordon equation in the Kerrâ€“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 Randallâ€“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 gravityâ€™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	HoÅ™ava-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 HoÅ™avaâ€“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 â€œGreybody radiation and quasinormal modes of Kerr-like black hole in Bumblebee gravity modelâ€. European Physical Journal C, 2022, 82, 1.	3.9	13

#	Article	IF	Citations
19	Casimir effect in the Kerr spacetime with quintessence. Modern Physics Letters A, 2017, 32, 1750005.	1.2	12
20	Null second order corrections to Casimir energy in weak gravitational field. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 011-011.	5.4	11
21	Casimir effect in a Schwarzschild-like wormhole spacetime. International Journal of Modern Physics D, 2021, 30, 2150032.	2.1	11
22	Ellisâ€“Bronnikov Wormholes in Asymptotically Safe Gravity. Universe, 2021, 7, 238.	2.5	11
23	Casimir wormholes in $$2+1$$ dimensions with applications to the graphene. European Physical Journal C, 2021, 81, 1.	3.9	11
24	Remarks on a gravitational analogue of the Casimir effect. International Journal of Modern Physics D, 2016, 25, 1641018.	2.1	10
25	Class of solutions of the Wheeler-DeWitt equation with ordering parameter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 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. Europhysics Letters, 2021, 135, 19002.	2.0	8
28	On effective spacetime dimension in the HoÅ™avaâ€“Lifshitz gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 536-540.	4.1	7
29	Gravitational bending angle with finite distances by Casimir wormholes. International Journal of Modern Physics D, 2022, 31, .	2.1	7
30	Casimir effect in space-times of rotating wormholes. European Physical Journal C, 2021, 81, 1.	3.9	6
31	Some remarks on relativistic diffusion and the spectral dimension criterion. Physical Review D, 2015, 91, .	4.7	5
32	Thermodynamic properties of static and rotating unparticle black holes. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 040-040.	5.4	5
33	Thermal Casimir effect in Kerr spacetime with quintessence and massive gravitons. European Physical Journal C, 2017, 77, 1.	3.9	4
34	Some exact results on quantum Newtonian cosmology. Journal of Mathematical Physics, 2019, 60, 102301.	1.1	4
35	Exact solutions of the Wheelerâ€“DeWitt equation with ordering term in a dark energy scenario. Physics of the Dark Universe, 2020, 28, 100547.	4.9	4
36	Exact solution for a traversable wormhole in a curvature-coupled antisymmetric background field. European Physical Journal C, 2022, 82, .	3.9	4

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37	Vacuum polarization at the boundary of a topological insulator. Physical Review D, 2015, 92, .	4.7	2
38	Variations in the fine-structure constant constraining gravity theories. Europhysics Letters, 2016, 115, 40004.	2.0	2
39	Contributions of a modified electrodynamics to the molecular biochirality. Chirality, 2020, 32, 1186-1190.	2.6	2
40	Rainbowâ€™s gravity corrections to the black hole global Casimir effect. European Physical Journal Plus, 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. Universe, 2021, 7, 232.	2.5	2
42	Electronic oscillations in paired polyacetylene chains. Solid State Communications, 2010, 150, 1457-1459.	1.9	1
43	Effects of strong electric fields in a polyacetylene chain. Journal of Physics and Chemistry of Solids, 2015, 82, 17-20.	4.0	1
44	Dependence of the black-body force on spacetime geometry and topology. Europhysics Letters, 2017, 117, 60001.	2.0	1
45	Resonant frequencies of a charged scalar field in the Garfinkleâ€“Horowitzâ€“Strominger dilaton black hole. International Journal of Modern Physics D, 2019, 28, 1950151.	2.1	1
46	Casimir effect in an axially symmetric spacetime with unparticles. European Physical Journal C, 2019, 79, 1.	3.9	1
47	Quantum Vacuum Fluctuations in a Chromomagnetic-Like Background. Brazilian Journal of Physics, 2018, 48, 645-651.	1.4	0
48	A Cosmologia QuÃ¢ntica de Wheeler-DeWitt e o Universo DespedaÃ§ado. ConexÃµes - CiÃªncia E Tecnologia, 2019, 13, 70-76.	0.0	0
49	EQUILÃBRIO DINÃ‚MICO DE TRÃŠS CORPOS AUTOGRAVITANTES IDÃŠNTICOS NA APROXIMAÃ‡ÃƒO PÃ“S-NEWTONIANA. ConexÃµes - CiÃªncia E Tecnologia, 2019, 13, 30-36.	0.0	0
50	Quantum relativistic cosmology: Dynamical interpretation and tunneling universe. International Journal of Modern Physics D, 2021, 30, 2050123.	2.1	0