R R Landim

List of Publications by Year
in descending order

69	735	623734	580821
papers	citations	14	25
		h-index	g-index

70	70	70	225
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	One-dimensional Dirac oscillator in a thermal bath. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 311, 93-96.	2.1	103
2	Gauge field localization on the brane through geometrical coupling. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 125-127.	4.1	48
3	Three-dimensional Dirac oscillator in a thermal bath. Europhysics Letters, 2014, 108, 10005.	2.0	44
4	Treating some solid state problems with the Dirac equation. Journal of Physics A, 2000, 33, L509-L514.	1.6	36
5	A transfer matrix method for resonances in Randall-Sundrum models. Journal of High Energy Physics, 2011, 2011, 1.	4.7	33
6	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
7	A transfer matrix method for resonances in Randall-Sundrum models II: the deformed case. Journal of High Energy Physics, 2012, 2012, 1.	4.7	27
8	Solutions to the problem of Elko spinor localization in brane models. Physical Review D, 2015, 91, .	4.7	27
9	A transfer matrix method for resonances in Randall-Sundrum models III: an analytical comparison. Journal of High Energy Physics, 2013, 2013, 1.	4.7	26
10	Wave functions for a Dirac particle in a time-dependent potential. Physical Review A, 2000, 61, .	2.5	19
11	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
12	On resonances of q-forms in thick p-branes. Europhysics Letters, 2012, 97, 20003.	2.0	17
13	Nonminimal couplings in Randall-Sundrum scenarios. Physical Review D, 2015, 92, .	4.7	17
14	Generalized nonminimal couplings in Randall-Sundrum scenarios. Physical Review D, 2016, 93, .	4.7	17
15	The gravitational bending angle by static and spherically symmetric black holes in bumblebee gravity. Europhysics Letters, 2021, 134, 51001.	2.0	15
16	Antisymmetric tensor fields in codimension-two brane world. Europhysics Letters, 2011, 93, 10003.	2.0	14
17	Comment on "Localization of 5D Elko Spinors on Minkowski Branes". Physical Review D, 2015, 91, .	4.7	14
18	Bulk antisymmetric tensor fields coupled to a dilaton in a Randall-Sundrum model. Physical Review D, 2010, 82, .	4.7	13

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19	Nonâ€"Chern-Simons topological mass generation in (2+1) dimensions. Europhysics Letters, 1999, 48, 610-615.	2.0	11
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	Universal aspects of U(1) gauge field localization on branes in D-dimensions. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
22	A note on black-hole entropy, area spectrum, and evaporation. Europhysics Letters, 2011, 96, 10007.	2.0	10
23	New analytical solutions for bosonic field trapping in thick branes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 731, 131-135.	4.1	10
24	p-Forms non-minimally coupled to gravity in Randallâ€"Sundrum scenarios. European Physical Journal C, 2018, 78, 1.	3.9	10
25	Asymptotic states of accelerated qubits in nonzero background temperature. Physical Review D, 2020, 101, .	4.7	10
26	Traversable Casimir wormholes in<i>D</i>dimensions. Modern Physics Letters A, 2022, 37, .	1.2	10
27	Gauge field emergence from Kalbâ€"Ramond localization. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 256-260.	4.1	9
28	Transmission coefficient of electrons through a single graded barrier. Physical Review B, 1993, 48, 8446-8449.	3.2	8
29	Algebraic renormalization of antisymmetric tensor matter fields. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 344, 158-163.	4.1	8
30	Construction of multiple spherical branes cosmological scenario. Physical Review D, 2011, 84, .	4.7	8
31	Massive p-form trapping as a p-form on a brane. Journal of High Energy Physics, 2015, 2015, 1.	4.7	8
32	Band structure of a cylindrical GaAs/AlxGa1â^'xAs superwire. Superlattices and Microstructures, 1999, 25, 221-225.	3.1	7
33	Topologically massive non-abelian BF models in arbitrary spaceâ€"time dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 504, 147-151.	4.1	7
34	Nonminimal Maxwell-Chern-Simons-O(3)â^'Ïƒvortices: Asymmetric potential case. Physical Review D, 2006, 74, .	4.7	7
35	Ï•44-theory for antisymmetric tensor matter fields in Minkowski space-time. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 352, 37-42.	4.1	6
36	Spinors fields in co-dimension one braneworlds. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6

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37	Field redefinitions and massive BF models in arbitrary space–time dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 542, 160-164.	4.1	5
38	Duality and field redefinition in three dimensions. Journal of Physics A, 2005, 38, 257-262.	1.6	5
39	Quantum scalar field in D-dimensional de Sitter spacetimes. Europhysics Letters, 2012, 98, 11001.	2.0	5
40	Superspace gauge-invariant formulation of a massive tridimensional 2-form field. Physical Review D, 2000, 63, .	4.7	4
41	AN EXACT SOLUTION TO THE QUANTIZED ELECTROMAGNETIC FIELD IN D-DIMENSIONAL DE SITTER SPACE–TIMES. International Journal of Modern Physics A, 2012, 27, 1250177.	1.5	4
42	Fuzzy spaces topology change and BH thermodynamics. Journal of Physics: Conference Series, 2014, 490, 012012.	0.4	4
43	Consistency conditions for fields localization on braneworlds. European Physical Journal C, 2020, 80, 1.	3.9	4
44	Influences of a Generalized Uncertainty Principle on the black-hole area spectrum in the tunneling formalism. Europhysics Letters, 2012, 100, 10002.	2.0	3
45	On the zero modes of the Faddeev-Popov operator in the Landau gauge. Journal of Mathematical Physics, 2014, 55, 022901.	1.1	3
46	Renormalization of nonabelian gauge theories with tensor matter fields. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 392, 106-114.	4.1	2
47	Scaling properties of the electronic structure of quasiperiodic GaAs/AlxGa1−xAs superwires and superdots. Physica B: Condensed Matter, 2001, 305, 38-47.	2.7	2
48	Bosonic fields in crystal manifold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 809-814.	4.1	2
49	Cosmologies of multiple spherical brane-universe model. Physical Review D, 2013, 88, .	4.7	2
50	Impurity modes in the one-dimensional XXZ Heisenberg model. Physica B: Condensed Matter, 2014, 438, 78-83.	2.7	2
51	Localization of a Model with U(1) Kinetic Gauge Mixing. Modern Physics Letters A, 2020, 35, 2050047.	1.2	2
52	Consistency conditions for p-form field localization on codimension two braneworlds. European Physical Journal C, 2020, 80, 1.	3.9	2
53	Energy States in Graded Cylindrical GaAs/AlxGa1?xAs Quantum Wires. Physica Status Solidi (B): Basic Research, 1998, 210, 75-80.	1.5	1
54	Consistent deformations method applied to a topological coupling of antisymmetric gauge fields in D=3. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 502, 300-304.	4.1	1

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55	Equivalence classes for gauge theories. Europhysics Letters, 2005, 70, 747-753.	2.0	1
56	Topological mass generation to antisymmetric tensor matter field. Europhysics Letters, 2005, 69, 184-188.	2.0	1
57	DIRAC QUANTIZATION OF A NONMINIMAL GAUGED O(3) SIGMA MODEL. Modern Physics Letters A, 2005, 20, 1005-1012.	1.2	1
58	Gauge invariance and fractional statistics. Europhysics Letters, 2006, 74, 972-977.	2.0	1
59	SPACETIME AS A DEFORMABLE SOLID. Modern Physics Letters A, 2009, 24, 1209-1217.	1.2	1
60	Revisiting Gribovâ€™s copies inside the horizon. European Physical Journal C, 2014, 74, 1.	3.9	1
61	Does geometric coupling generate resonances?. Europhysics Letters, 2016, 115, 51001.	2.0	1
62	Dependence of the black-body force on spacetime geometry and topology. Europhysics Letters, 2017, 117, 60001.	2.0	1
63	Confinement of bosonic and spinning particles in braneworlds. Europhysics Letters, 2021, 133, 50001.	2.0	1
64	Mass generation for non-Abelian antisymmetric tensor fields in a three-dimensional space-time. Physical Review D, 2001, 63, .	4.7	0
65	Generating mass and topological terms to the antisymmetric tensor matter field by Higgs mechanism. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 646, 279-281.	4.1	0
66	ON THE AXIAL ANOMALY IN NON-ABELIAN BF MODEL WITH TOPOLOGICAL COUPLING. Modern Physics Letters A, 2010, 25, 2899-2904.	1.2	0
67	QUANTUM KALBâ€"RAMOND FIELD IN D-DIMENSIONAL DE SITTER SPACEâ€"TIMES. International Journal of Modern Physics A, 2013, 28, 1350011.	1.5	0
68	Analytical solutions for fermions on a thick brane with a piecewise and smooth warp factor. Modern Physics Letters A, 2017, 32, 1750193.	1.2	0
69	Analytical solutions for bosonic fields in the cosmological multiply warped braneworld. Modern Physics Letters A, 0, , 2150110.	1.2	0