Manoel M Ferreira Jr

List of Publications by Year
in descending order

68	2,030	186265	265206
papers	citations	28	42
		h-index	g-index

70	70	70	324
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of CPT-odd terms of dimensions three and five on electromagnetic propagation in continuous matter. Physical Review D, 2021, 104, .	4.7	12
2	Constraining EDM and MDM lepton dimension-five interactions in the electroweak sector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135839.	4.1	1
3	Magnetic-conductivity effects on electromagnetic propagation in dispersive matter. Physical Review D, 2020, 102, .	4.7	10
4	Unitarity in Stückelberg electrodynamics modified by a Carroll-Field-Jackiw term. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135379.	4.1	14
5	Constraining dimension-six nonminimal Lorentz-violating electron-nucleon interactions with EDM physics. Physical Review D, 2019, 100, .	4.7	5
6	A dimension five Lorentz-violating nonminimal coupling for mesons in the KLZ model. Nuclear Physics B, 2019, 945, 114677.	2.5	4
7	Measuring QED cross sections via entanglement. Physical Review D, 2019, 100, .	4.7	7
8	Lepton flavor violation and collider searches in a type I + II seesaw model. European Physical Journal C, 2019, 79, 1.	3.9	14
9	Maxwell electrodynamics modified by a CPT-odd dimension-five higher-derivative term. Physical Review D, 2019, 100, .	4.7	15
10	Dimensional reduction of the electromagnetic sector of the nonminimal standard model extension. Physical Review D, 2019, 100, .	4.7	6
11	Lorentz-violating contributions to the nuclear Schiff moment and nuclear EDM. Physical Review D, 2018, 97, .	4.7	9
12	Repercussions of dimension five nonminimal couplings in the electroweak model. Journal of Physics: Conference Series, 2018, 952, 012019.	0.4	3
13	Maxwell electrodynamics modified by CPT-even and Lorentz-violating dimension-6 higher-derivative terms. Physical Review D, 2018, 97, .	4.7	23
14	Constraining CPT-odd nonminimal interactions in the electroweak sector. Physical Review D, 2017, 95, .	4.7	17
15	Gupta-Bleuler's quantization of a parity-odd CPT-even electrodynamics of the standard model extension. Physical Review D, 2016, 94, .	4.7	6
16	Topological self-dual configurations in a Maxwell–Higgs model with a CPT-odd and Lorentz-violating nonminimal coupling. Annals of Physics, 2016, 375, 179-192.	2.8	5
17	Self-dual solitons in aCPT-odd and Lorentz-violating gaugedO(3)sigma model. Physical Review D, 2016, 94, .	4.7	8
18	General CPT-even dimension-five nonminimal couplings between fermions and photons yielding EDM and MDM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 302-308.	4.1	30

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19	Constraining CPT-even and Lorentz-violating nonminimal couplings with the electron magnetic and electric dipole moments. Physical Review D, 2015, 92, .	4.7	32
20	Topological self-dual configurations in a Lorentz-violating gauged $O(3)$ (stretchy="false">)</mml:...	4.7	35
21	Nontopological self-dual Maxwell-Higgs vortices. Europhysics Letters, 2015, 109, 21001.	2.0	8
22	Generation of geometrical phases and persistent spin currents in 1-dimensional rings by Lorentz-violating terms. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 171-177.	4.1	30
23	Maxwell–Chern–Simons vortices in a CPT-odd Lorentz-violating Higgs electrodynamics. European Physical Journal C, 2014, 74, 1.	3.9	32
24	Gupta-Bleuler quantization of the anisotropic parity-even andCPT-even electrodynamics of a standard model extension. Physical Review D, 2014, 90, .	4.7	16
25	Analytical BPS Maxwell-Higgs Vortices. Advances in High Energy Physics, 2014, 2014, 1-9.	1.1	10
26	Einstein-Hilbert graviton modes modified by the Lorentz-violating bumblebee field. Physical Review D, 2014, 90, .	4.7	53
27	On the I°-Dirac oscillator revisited. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 731, 327-330.	4.1	37
28	Analytical self-dual solutions in a nonstandard Yang–Mills–Higgs scenario. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 193-197.	4.1	13
29	Radiative generation of the CPT-even gauge term of the SME from a dimension-five nonminimal coupling term. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 815-819.	4.1	53
30	Deformed self-dual magnetic monopoles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 548-553.	4.1	10
31	New CPT-even and Lorentz-violating nonminimal coupling in the Dirac equation. Physical Review D, 2013, 87, .	4.7	88
32	Uncharged compactlike and fractional Lorentz-violating BPS vortices in theCPT-even sector of the standard model extension. Physical Review D, 2012, 86, .	4.7	23
33	Generalized BPS magnetic monopoles. Physical Review D, 2012, 86, .	4.7	24
34	Effects of aCPT-even and Lorentz-violating nonminimal coupling on electron-positron scattering. Physical Review D, 2012, 86, .	4.7	42
35	Consistency analysis of a nonbirefringent Lorentz-violating planar model. European Physical Journal C, 2012, 72, 1.	3.9	15
36	Magnetic flux inversion in charged BPS vortices in a Lorentz-violating Maxwell–Higgs framework. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 620-624.	4.1	27

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37	Dimensional reduction of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi><mml:mi>T</mml:mi></mml:math>-even electromagnetic sector of the standard model extension. Physical Review D, 2011, 84, .	4.7	27
38	Aharonov-Bohm-Casher problem with a nonminimal Lorentz-violating coupling. Physical Review D, 2011, 83, .	4.7	81
39	Aspects of a planar nonbirefringent and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi><mml:mi>T</mml:mi></mml:math>-even electrodynamics stemming from the standard model extension. Physical Review D, 2011, 84, .	4.7	29
40	Lorentz-violating effects on topological defects generated by two real scalarÂfields. Physica D: Nonlinear Phenomena, 2010, 239, 942-947.	2.8	36
41	Feynman propagator for the nonbirefringent<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi><mml:mi>T</mml:mi></mml:math>-even electrodynamics of the standard model extension. Physical Review D, 2010, 82, .	4.7	63
42	Parity-odd and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi><mml:mi>T</mml:mi></mml:math>-even electrodynamics of the standard model extension at finite temperature. Physical Review D, 2010, 81, .	4.7	19
43	Stationary solutions for the parity-even sector of the CPT-even and Lorentz-covariance-violating term of the standard model extension. European Physical Journal C, 2009, 62, 573-578.	3.9	25
44	Gauge propagator and physical consistency of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi><mml:mi>T</mml:mi></mml:math>-even part of the standard model extension. Physical Review D, 2009, 80, .	4.7	52
45	Finite temperature behavior of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi><mml:mi>T</mml:mi></mml:math>-even and parity-even electrodynamics of the standard model extension. Physical Review D, 2009, 80, .	4.7	35
46	Fermion localization and resonances on two-field thick branes. Physical Review D, 2009, 79, .	4.7	112
47	Lorentz-violating contributions of the Carroll-Field-Jackiw model to the CMB anisotropy. Physical Review D, 2008, 78, .	4.7	36
48	Classical solutions for the Lorentz-violating andCPT-even term of the standard model extension. Physical Review D, 2008, 78, .	4.7	28
49	Classical solutions for the Carroll-Field-Jackiw-Proca electrodynamics. Physical Review D, 2008, 78, .	4.7	23
50	NONRELATIVISTIC ELECTRON–ELECTRON INTERACTION IN A MAXWELL–CHERN–SIMONS–PROCA MODEL ENDOWED WITH A TIMELIKE LORENTZ-VIOLATING BACKGROUND. International Journal of Modern Physics A, 2007, 22, 1685-1703.	1.5	16
51	Influence of Lorentz-violating terms on a two-level system. Physical Review D, 2007, 76, .	4.7	4
52	Influence of Lorentz violation on the hydrogen spectrum. Nuclear Physics A, 2007, 790, 635c-638c.	1.5	34
53	Lorentz-violating corrections on the hydrogen spectrum induced by a nonminimal coupling. Physical Review D, 2006, 74, .	4.7	91
54	A comment on the topological phase for anti-particles in a Lorentz-violating environment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 639, 675-678.	4.1	63

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55	The Influence of Oxygen Partial Pressure on Growth of the (Hg,Re)-1223 Intergrain Junction. IEEE Transactions on Applied Superconductivity, 2006, 16, 15-20.	1.7	13
56	LORENTZ-SYMMETRY VIOLATION AND ELECTRICALLY CHARGED VORTICES IN THE PLANAR REGIME. International Journal of Modern Physics A, 2006, 21, 2415-2429.	1.5	20
57	INFLUENCE OF LORENTZ- AND CPT-VIOLATING TERMS ON THE DIRAC EQUATION. International Journal of Modern Physics A, 2006, 21, 6211-6227.	1.5	38
58	Effects of oxygen content on the pinning energy and critical current in the granular (Hg,Re)-1223 superconductors. Physica C: Superconductivity and Its Applications, 2005, 419, 25-31.	1.2	29
59	Dimensional reduction of the Abelian Higgs Carroll-Field-Jackiw model. European Physical Journal C, 2005, 38, 511-519.	3.9	31
60	Non-minimal coupling to a Lorentz-violating background and topological implications. European Physical Journal C, 2005, 41, 421-426.	3.9	135
61	Classical solutions in a Lorentz violating scenario of Maxwell-Chern-Simons-Proca electrodynamics. European Physical Journal C, 2005, 42, 127-137.	3.9	53
62	Electron-electron interaction in a Maxwell-Chern-Simons model with a purely spacelike Lorentz-violating background. Physical Review D, 2005, 71, .	4.7	14
63	Low-energy Møller scattering in a Maxwell-Chern-Simons Lorentz-violating model. Physical Review D, 2004, 70, .	4.7	24
64	Dimensional reduction of a Lorentz- andCPT-violating Maxwell-Chern-Simons model. Physical Review D, 2003, 67, .	4.7	55
65	Classical solutions in a Lorentz-violating Maxwell-Chern-Simons electrodynamics. Physical Review D, 2003, 68, .	4.7	44
66	ELECTRONIC BOUND STATES IN PARITY-PRESERVING QED3 APPLIED TO HIGH-Tc CUPRATE SUPERCONDUCTORS. International Journal of Modern Physics A, 2003, 18, 725-741.	1.5	13
67	Electron–electron bound states in parity-preserving QED3. Journal of Physics G: Nuclear and Particle Physics, 2003, 29, 1431-1438.	3.6	7
68	ELECTRON–ELECTRON ATTRACTIVE INTERACTION IN MAXWELL–CHERN–SIMONS QED3 AT ZERO TEMPERATURE. International Journal of Modern Physics A, 2001, 16, 4939-4953.	1.5	12