Farinaldo Da Silva Queiroz

List of Publications by Year
in descending order

91 papers	4,154 citations	101384 36 h-index	118652 62 g-index
92 all docs	92 docs citations	92 times ranked	5105 citing authors

#	Article	IF	Citations
1	The waning of the WIMP? A review of models, searches, and constraints. European Physical Journal C, 2018, 78, 203.	1.4	521
2	A call for new physics: The muon anomalous magnetic moment and lepton flavor violation. Physics Reports, 2018, 731, 1-82.	10.3	350
3	The dark Zâ€² portal: direct, indirect and collider searches. Journal of High Energy Physics, 2014, 2014, 1.	1.6	155
4	Explaining dark matter and B decay anomalies with an L Î¼ â^' L Ï„ model. Journal of High Energy Physics, 2016, 2016, 1.	1.6	148
5	Stringent constraints on the dark matter annihilation cross section from the region of the Galactic Center. Astroparticle Physics, 2013, 46, 55-70.	1.9	133
6	The poker face of the Majoron dark matter model: LUX to keV line. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 69-74.	1.5	120
7	Connection of gamma rays, dark matter, and Higgs boson searches at the LHC. Physical Review D, 2012, 86, .	1.6	94
8	New physics contributions to the muon anomalous magnetic moment: A numerical code. Physical Review D, 2014, 89, .	1.6	93
9	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Z</mml:mi><mml:mo>â€²</mml:mo></mml:msup></mml:math>models for the LHCb and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>g</mml:mi><mml:mo>â^'</mml:mo><mml:mn>2</mml:mn></mml:math>muon anomalies. Physical Review D, 2016, 93, .	1.6	88
10	Dirac-fermionic dark matter in U(1)X models. Journal of High Energy Physics, 2015, 2015, 1.	1.6	86
11	Constraining the $$Z^{prime }$$ Z â€² mass in 331 models using direct dark matter detection. European Physical Journal C, 2014, 74, 1.	1.4	79
12	Dark matter and global symmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 807-815.	1.5	78
13	Effective field theory approach to the Galactic Center gamma-ray excess. Physical Review D, 2014, 90, .	1.6	77
14	Leptoquarks, dark matter, and anomalous LHC events. Physical Review D, 2015, 91, .	1.6	75
15	Nonthermal dark matter mimicking an additional neutrino species in the early universe. Physical Review D, 2012, 85, .	1.6	69
16	Neutrino-electron scattering: general constraints on Zâ€² and dark photon models. Journal of High Energy Physics, 2018, 2018, 1.	1.6	69
17	NLO+NLL collider bounds, Dirac fermion and scalar dark matter in the Bâ€“L model. European Physical Journal C, 2017, 77, 1.	1.4	63
18	Dark matter complementarity and the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Z</mml:mi><mml:mo>â€²</mml:mo></mml:msup></mml:math>portal. Physical Review D, 2015, 92, .	1.6	62

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19	Connection of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>g</mml:mi><mml:mo>â^'</mml:mo><mml:msub><mml:mn>2</mml:mn><mml:mi>Î¼</mml:mi></mml:msub></mml:math> electroweak, dark matter, and collider constraints on 331 models. Physical Review D, 2014, 90, .	1.6	58
20	A 331 WIMPy dark radiation model. European Physical Journal C, 2014, 74, 1.	1.4	57
21	Pseudoscalar mediators: a WIMP model at the neutrino floor. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 042-042.	1.9	55
22	Phenomenology of the 3-3-1-1 model. Physical Review D, 2014, 90, .	1.6	54
23	Neutrino masses and absence of flavor changing interactions in the 2HDM from gauge principles. Journal of High Energy Physics, 2017, 2017, 1.	1.6	54
24	Stringent dilepton bounds on left-right models using LHC data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 752, 186-190.	1.5	51
25	The CTA aims at the Inert Doublet Model. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 038-038.	1.9	48
26	New limits on the dark matter lifetime from dwarf spheroidal galaxies using Fermi-LAT. Physical Review D, 2016, 93, .	1.6	48
27	The dark Lâ€¯â^'â€¯L rises via kinetic mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 151-158.	1.5	47
28	Left-right symmetry and lepton number violation at the Large Hadron electron Collider. Journal of High Energy Physics, 2016, 2016, 1.	1.6	46
29	Searching for secluded dark matter with H.E.S.S., Fermi-LAT, and Planck. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 010-010.	1.9	45
30	Excluding the light dark matter window of a 331 model using LHC and direct dark matter detection data. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 002-002.	1.9	43
31	Constraining flavor changing interactions from LHC Run-2 dilepton bounds with vector mediators. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 269-274.	1.5	43
32	Matter-parity as a residual gauge symmetry: Probing a theory of cosmological dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 825-831.	1.5	43
33	MeV dark matter complementarity and the dark photon portal. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 037-037.	1.9	42
34	Explaining the Higgs decays at the LHC with an extended electroweak model. European Physical Journal C, 2013, 73, 1.	1.4	38
35	Dilepton bounds on leftâ€“right symmetry at the LHC run II and neutrinoless double beta decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 190-195.	1.5	37
36	Gauged <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>L</mml:mi><mml:mi>Î¼</mml:mi></mml:msub><mml:mo>â^'</mml:mo><mml:msub><mml:mi> at a muon collider. Physical Review D, 2021, 103, .	1.6	37

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37	Search for right-handed neutrinos from dark matter annihilation with gamma-rays. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 016-016.	1.9	35
38	Effect of black holes in local dwarf spheroidal galaxies on gamma-ray constraints on dark matter annihilation. Physical Review D, 2014, 90, .	1.6	31
39	The dark side of flipped trinification. Journal of High Energy Physics, 2018, 2018, 1.	1.6	31
40	Scrutinizing right-handed neutrino portal dark matter with Yukawa effect. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 530-534.	1.5	31
41	The muon anomalous magnetic moment in the reduced minimal 3-3-1 model. European Physical Journal C, 2014, 74, 1.	1.4	30
42	Collider and dark matter searches in the inert doublet model from Peccei-Quinn symmetry. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
43	Interpreting the CMS<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mo mathvariant="bold">â„“</mml:mo></mml:mrow><mml:mrow><mml:mo>+</mml:mo></mml:mrow></mml:msup><mml:msup><mml:m mathvariant="bold">â„“</mml:mo></mml:mrow><mml:mrow><mml:mo>â€²</mml:mo></mml:mrow></mml:msup><mml:mi>j</mml:mi> transverse energy excess with a leptoquark model. Physical Review D, 2015, 92, .	1.6	28
44	XENON1T anomaly: A light Zâ€² from a Two Higgs Doublet Model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135972.	1.5	28
45	Nonthermal WIMPs as â€œdark radiationâ€•in light of ATACAMA, SPT, WMAP9, and Planck. Physical Review D, 2013, 88, .	1.6	26
46	A two Higgs doublet model for dark matter and neutrino masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 319-326.	1.5	26
47	Minimal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>S</mml:mi><mml:mi>U</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>3</mml:mn><mml:msub><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342 Td (s stretchy="false">(</mml:mo><mml:mn>3</mml:mn><mml:msub><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 322 Td (s	1.6	25
48	Augury of darkness: the low-mass dark Z â€² portal. Journal of High Energy Physics, 2017, 2017, 1.	1.6	25
49	The semi-Hooperon: Gamma-ray and anti-proton excesses in the Galactic Center. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 775, 196-205.	1.5	25
50	Light dark matter: A common solution to the lithium and problems. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 812, 136008.	1.5	25
51	Gamma-ray limits on neutrino lines. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 050-050.	1.9	23
52	Is the dark matter particle its own antiparticle?. Physical Review D, 2017, 95, .	1.6	23
53	Explaining ATLAS and CMS results within the reduced minimal 3-3-1 model. European Physical Journal C, 2013, 73, 1.	1.4	21
54	Sensitivity of the Cherenkov Telescope Array to the detection of a dark matter signal in comparison to direct detection and collider experiments. Physical Review D, 2017, 96, .	1.6	21

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55	ExtendingFermi-LAT and H.E.S.S. limits on gamma-ray lines from dark matter annihilation. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3976-3981.	1.6	20
56	Doubly charged scalar at the High-Luminosity and High-Energy LHC. International Journal of Modern Physics A, 2019, 34, 1950157.	0.5	20
57	Asymmetric dark matter, inflation, and leptogenesis from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>B</mml:mi><mml:mtext>â^'</mml:mtext><mml:mi>L</mml:mi></mml:mrow></mml:math> symmetry breaking. Physical Review D, 2019, 99, .	1.6	20
58	Probing the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>R</mml:mi><mml:msup><mml:mi>K</mml:mi><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mo>*</mml:mo><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 617 Td (stretchy="false">)</mml:r collider. Physical Review D, 2022, 105, .	1.6	19
59	Singlet Majorana fermion dark matter, DAMA, CoGeNT, and CDMS-II. Physical Review D, 2010, 82, .	1.6	18
60	Tritium beta decay with additional emission of new light bosons. Journal of High Energy Physics, 2019, 2019, 1.	1.6	18
61	Flavor changing neutral current processes in a reduced minimal scalar sector. Modern Physics Letters A, 2014, 29, 1450173.	0.5	17
62	Prospects for determining the particle/antiparticle nature of WIMP dark matter with direct detection experiments. Journal of High Energy Physics, 2017, 2017, 1.	1.6	17
63	New physics probes: Atomic parity violation, polarized electron scattering and neutrino-nucleus coherent scattering. Nuclear Physics B, 2020, 959, 115158.	0.9	17
64	Detecting bosonic dark matter with neutron stars. Physical Review D, 2021, 104, .	1.6	17
65	GUT models at current and future hadron colliders and implications to dark matter searches. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 508-514.	1.5	15
66	Dark matter from late invisible decays to and of gravitinos. Physical Review D, 2015, 91, .	1.6	14
67	Neutrino masses in a two Higgs doublet model with a U(1) gauge symmetry. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
68	Collider bounds on 2-Higgs doublet models with U(1) gauge symmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 150-160.	1.5	14
69	Lepton flavor violation and collider searches in a type I + II seesaw model. European Physical Journal C, 2019, 79, 1.	1.4	14
70	Dead or alive? Implications of the muon anomalous magnetic moment for 3-3-1 models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 809, 135689.	1.5	14
71	Scalar multiplet dark matter in a fast expanding Universe: Resurrection of the desert region. Physical Review D, 2021, 104, .	1.6	14
72	Dark sequential Zâ€² portal: Collider and direct detection experiments. Physical Review D, 2018, 97, .	1.6	13

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73	Lepton flavor violation induced by dark matter. Physical Review D, 2018, 97, .	1.6	13
74	Type I + II seesaw in a Two Higgs Doublet Model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134813.	1.5	13
75	Rich tapestry: Supersymmetric axions, dark radiation, and inflationary reheating. Physical Review D, 2014, 90, .	1.6	12
76	On the role of neutrinos telescopes in the search for Dark Matter annihilations in the Sun. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 012-012.	1.9	12
77	A model for mixed warm and hot right-handed neutrino dark matter. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
78	Non-thermal WIMPs as dark radiation. , 2014, , .		9
79	GeV WIMPs scattering off of OH impurities cannot explain the DAMA signal. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 038-038.	1.9	9
80	Search for semi-annihilating dark matter with Fermi-LAT, H.E.S.S., Planck, and the Cherenkov Telescope Array. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 048-048.	1.9	9
81	Roads for right-handed neutrino dark matter: Fast expansion, standard freeze-out, and early matter domination. Physical Review D, 2022, 105, .	1.6	9
82	A 2HDM for the g-2 and dark matter. Nuclear Physics B, 2022, , 115882.	0.9	8
83	Confronting the inverse seesaw mechanism with the recent muon g-2 result. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 823, 136764.	1.5	6
84	Comment on â€œPolarized window for left-right symmetry and a right-handed neutrino at the Large Hadron-Electron Colliderâ€• Physical Review D, 2016, 93, .	1.6	5
85	Has AMS-02 observed two-component dark matter?. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 015006.	1.4	5
86	Gamma-ray lines may reveal the CP nature of the dark matter particle. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 047-047.	1.9	4
87	Rare kaon decay to missing energy: Implications of the NA62 result for a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Z</mml:mi><mml:mo>â€²</mml:mo></mml:msup></mml:math> model. Physical Review D, 2021, 103, .	1.6	4
88	XENON1T takes a razor to a dark E6-inspired model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 337-341.	1.5	3
89	Dark and bright signatures of di-Higgs boson production. Physical Review D, 2019, 100, .	1.6	3
90	Explaining the AMS positron excess via right-handed neutrinos. Physical Review D, 2020, 101, .	1.6	3

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91	New Physics Landmarks: Dark Matter and Neutrino Masses. Advances in High Energy Physics, 2018, 2018, 1-2.	0.5	1