

Marco Cirelli

List of Publications by Year in descending order

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57
papers

4,906
citations

126907

33
h-index

214800

47
g-index

61
all docs

61
docs citations

61
times ranked

3753
citing authors

#	ARTICLE	IF	CITATIONS
1	Chapter 5 Dark Matter and New Physics Beyond the Standard Model with LHAASO. Chinese Physics C, 2022, 46, 030005.	3.7	2
2	AMS-02 antiprotons and dark matter: Trimmed hints and robust bounds. SciPost Physics, 2022, 12, .	4.9	22
3	INTEGRAL x-ray constraints on sub-GeV dark matter. Physical Review D, 2021, 103, .	4.7	24
4	New minimal, median, and maximal propagation models for dark matter searches with Galactic cosmic rays. Physical Review D, 2021, 104, .	4.7	19
5	Constraining sub-GeV dark matter with the Integral data. Journal of Physics: Conference Series, 2021, 2156, 012033.	0.4	0
6	<i>Voyager 1</i> e^{\pm} Further Constrain Primordial Black Holes as Dark Matter. Physical Review Letters, 2019, 122, 041104.	7.8	104
7	Homeopathic Dark Matter, or how diluted heavy substances produce high energy cosmic rays. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 014-014.	5.4	50
8	Asymmetric dark matter: residual annihilations and self-interactions. SciPost Physics, 2018, 4, .	4.9	44
9	Tools for Dark Matter Indirect Detection. , 2018, , .		0
10	Dark Matter's secret liaisons: phenomenology of a dark U(1) sector with bound states. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 036-036.	5.4	106
11	Gamma-ray signatures of Dark Matter. EPJ Web of Conferences, 2017, 136, 01004.	0.3	0
12	Dark matter line searches towards dwarf galaxies with H.E.S.S. , 2017, , .		1
13	Updated galactic radio constraints on Dark Matter. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 041-041.	5.4	19
14	Dark Matter indirect detection: Some anomalies and many constraints. EPJ Web of Conferences, 2016, 121, 06002.	0.3	0
15	Dark matter indirect searches: charged cosmic rays. Journal of Physics: Conference Series, 2016, 718, 022005.	0.4	3
16	Dark matter phenomena. , 2016, , .		4
17	Dark Matter searches status as of 2015. , 2016, , .		1
18	Indirect Searches of Dark Matter. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	A fussy revisitatio of antiprotons as a tool for Dark Matter searches. , 2016, , .		0
20	AMS-02 antiprotons, at last! Secondary astrophysical component and immediate implications for Dark Matter. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 023-023.	5.4	96
21	Gamma ray tests of Minimal Dark Matter. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 026-026.	5.4	69
22	PPPC 4 DM secondary: a Poor Particle Physicist Cookbook for secondary radiation from Dark Matter. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 037-037.	5.4	23
23	A fussy revisitatio of antiprotons as a tool for Dark Matter searches. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 013-013.	5.4	39
24	Dark Matter indirect detection: recent developments and perspectives. , 2015, , .		0
25	PPPC 4 DM ^{1/2} : a Poor Particle Physicist Cookbook for Neutrinos from Dark Matter annihilations in the Sun. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 053-053.	5.4	57
26	Anti-helium from dark matter annihilations. Journal of High Energy Physics, 2014, 2014, 1.	4.7	43
27	Antiproton constraints on the GeV gamma-ray excess: a comprehensive analysis. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 045-045.	5.4	77
28	Tools for model-independent bounds in direct dark matter searches. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 019-019.	5.4	206
29	Bremsstrahlung gamma rays from light dark matter. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 035-035.	5.4	34
30	Antiprotons from Dark Matter: current constraints and future sensitivities. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 015-015.	5.4	80
31	Dark Matter Indirect searches: phenomenological and theoretical aspects. Journal of Physics: Conference Series, 2013, 447, 012006.	0.4	8
32	Gamma ray constraints on decaying dark matter. Physical Review D, 2012, 86, .	4.7	88
33	PAMELA and FERMI limits on the neutralino-chargino mass degeneracy. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 028-028.	5.4	29
34	Consequences of DM/antiDM oscillations for asymmetric WIMP dark matter. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 015-015.	5.4	73
35	Indirect searches for dark matter. Pramana - Journal of Physics, 2012, 79, 1021-1043.	1.8	75
36	On the importance of electroweak corrections for Majorana dark matter indirect detection. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 018-018.	5.4	83

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37	Initial state radiation in Majorana Dark Matter annihilations. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 034-034.	5.4	32
38	PPPC 4 DM ID: a poor particle physicist cookbook for dark matter indirect detection. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 051-051.	5.4	624
39	Hoping to indirectly detect Dark Matter with cosmic rays. , 2010, , .		0
40	Can multistate dark matter annihilation explain the high-energy cosmic ray lepton anomalies?. Physical Review D, 2010, 82, .	4.7	36
41	Diffuse gamma ray constraints on annihilating or decaying Dark Matter after Fermi. Nuclear Physics B, 2010, 840, 284-303.	2.5	162
42	Gamma-ray and radio tests of the e^{\pm} excess from DM annihilations. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 009-009.	5.4	190
43	Constraints on Dark Matter annihilations from reionization and heating of the intergalactic gas. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 009-009.	5.4	132
44	Minimal dark matter: model and results. New Journal of Physics, 2009, 11, 105005.	2.9	186
45	Non-standard neutrinos and Cosmology. Nuclear Physics, Section B, Proceedings Supplements, 2009, 188, 339-341.	0.4	0
46	Anti-deuterons from heavy Dark Matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 678, 20-31.	4.1	25
47	Inverse Compton constraints on the Dark Matter e^{\pm} excesses. Nuclear Physics B, 2009, 821, 399-416.	2.5	106
48	Minimal Dark Matter. , 2009, , .		7
49	Minimal Dark Matter predictions for galactic positrons, anti-protons, photons. Nuclear Physics B, 2008, 800, 204-220.	2.5	154
50	Cosmology and astrophysics of minimal dark matter. Nuclear Physics B, 2007, 787, 152-175.	2.5	468
51	Sterile neutrinos, lepton asymmetries, primordial elements: How much of each?. Physical Review D, 2006, 74, .	4.7	57
52	Minimal dark matter. Nuclear Physics B, 2006, 753, 178-194.	2.5	763
53	Cosmology of neutrinos and extra-light particles after WMAP3. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 013-013.	5.4	62
54	Mass varying neutrinos in the Sun. Nuclear Physics B, 2005, 719, 219-233.	2.5	65

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55	Spectra of neutrinos from dark matter annihilations. Nuclear Physics B, 2005, 727, 99-138.	2.5	113
56	Muon anomalous magnetic moment in a calculable model with one extra dimension. Nuclear Physics B, 2002, 634, 230-246.	2.5	13
57	Gluon fusion production of the Higgs boson in a calculable model with one extra dimension. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 105-111.	4.1	8