

Piero Ullio

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

3,096
citations

279798

23
h-index

501196

28
g-index

28
all docs

28
docs citations

28
times ranked

2844
citing authors

#	ARTICLE	IF	CITATIONS
1	Observability of $\hat{\nu}^3$ rays from dark matter neutralino annihilations in the Milky Way halo. <i>Astroparticle Physics</i> , 1998, 9, 137-162.	4.3	553
2	Cosmological dark matter annihilations into $\hat{\nu}^3$ rays: A closer look. <i>Physical Review D</i> , 2002, 66, .	4.7	263
3	Full one-loop calculation of neutralino annihilation into two photons. <i>Nuclear Physics B</i> , 1997, 504, 27-44.	2.5	214
4	Dark-matter spike at the galactic center?. <i>Physical Review D</i> , 2001, 64, .	4.7	211
5	Clumpy neutralino dark matter. <i>Physical Review D</i> , 1999, 59, .	4.7	164
6	Spectral Gamma-Ray Signatures of Cosmological Dark Matter Annihilations. <i>Physical Review Letters</i> , 2001, 87, 251301.	7.8	155
7	Cosmic Antiprotons as a Probe for Supersymmetric Dark Matter?. <i>Astrophysical Journal</i> , 1999, 526, 215-235.	4.5	151
8	Neutralino annihilation into a photon and a Z boson. <i>Physical Review D</i> , 1998, 57, 1962-1971.	4.7	140
9	Cosmic-ray propagation with DRAGON2: I. numerical solver and astrophysical ingredients. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 015-015.	5.4	137
10	Accurate relic densities with neutralino, chargino and sfermion coannihilations in mSUGRA. <i>International Journal of Nanotechnology</i> , 2003, 2003, 001-001.	0.2	125
11	Detecting dark matter WIMPs in the Draco dwarf: A multiwavelength perspective. <i>Physical Review D</i> , 2007, 75, .	4.7	124
12	The Galactic center as a dark matter gamma-ray source. <i>Astroparticle Physics</i> , 2004, 21, 267-285.	4.3	110
13	Multiwavelength signals of dark matter annihilations at the Galactic center. <i>Physical Review D</i> , 2008, 78, .	4.7	103
14	DarkSUSY 6: an advanced tool to compute dark matter properties numerically. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 033-033.	5.4	88
15	Model independent approach to focus point supersymmetry: from dark matter to collider searches. <i>Journal of High Energy Physics</i> , 2005, 2005, 020-020.	4.7	85
16	Antiprotons from dark matter annihilation in the Galaxy: Astrophysical uncertainties. <i>Physical Review D</i> , 2012, 85, .	4.7	84
17	A Novel Antimatter Detector Based on X-ray Deexcitation of Exotic Atoms. <i>Astrophysical Journal</i> , 2002, 566, 604-616.	4.5	81
18	The role of antimatter searches in the hunt for supersymmetric dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2004, 2004, 006-006.	5.4	75

#	ARTICLE	IF	CITATIONS
19	Search for dark matter with GLAST. Nuclear Physics, Section B, Proceedings Supplements, 2002, 113, 213-220.	0.4	59
20	Indirect detection of neutralino dark matter candidates in anomaly-mediated supersymmetry breaking scenarios. Journal of High Energy Physics, 2001, 2001, 053-053.	4.7	39
21	Direct versus indirect detection in mSUGRA with self-consistent halo models. Journal of Cosmology and Astroparticle Physics, 2004, 2004, 004-004.	5.4	34
22	Constraints on dark matter annihilations from diffuse gamma-ray emission in the Galaxy. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 017-017.	5.4	29
23	DarkSUSY 4.00 neutralino dark matter made easy. New Astronomy Reviews, 2005, 49, 149-151.	12.8	28
24	Diffuse galactic gamma rays at intermediate and high latitudes. I. Constraints on the ISM properties. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 004-004.	5.4	20
25	hammurabi X: Simulating Galactic Synchrotron Emission with Random Magnetic Fields. Astrophysical Journal, Supplement Series, 2020, 247, 18.	7.7	9
26	Electroweak baryogenesis, large Yukawas and dark matter. Journal of High Energy Physics, 2005, 2005, 048-048.	4.7	8
27	Dark matter in split extended supersymmetry. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 007-007.	5.4	5
28	SEARCHES FOR DARK MATTER PARTICLES THROUGH COSMIC RAY MEASUREMENTS. International Journal of Modern Physics A, 2002, 17, 1777-1786.	1.5	2