

Paolo Lipari

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/876838/publications.pdf>

Version: 2024-02-01

33
papers

2,746
citations

394421

19
h-index

477307

29
g-index

33
all docs

33
docs citations

33
times ranked

3516
citing authors

#	ARTICLE	IF	CITATIONS
1	The origin of the power-law form of the extragalactic gamma-ray flux. <i>Astroparticle Physics</i> , 2021, 125, 102507.	4.3	2
2	Spectra and composition of ultrahigh-energy cosmic rays and the measurement of the proton-air cross section. <i>Physical Review D</i> , 2021, 103, .	4.7	4
3	The shape of the cosmic ray proton spectrum. <i>Astroparticle Physics</i> , 2020, 120, 102441.	4.3	31
4	The origin of Galactic cosmic rays: Challenges to the standard paradigm. <i>International Journal of Modern Physics D</i> , 2019, 28, 1930022.	2.1	108
5	Spectral shapes of the fluxes of electrons and positrons and the average residence time of cosmic rays in the Galaxy. <i>Physical Review D</i> , 2019, 99, .	4.7	17
6	Spectral features in the cosmic ray fluxes. <i>Astroparticle Physics</i> , 2018, 97, 197-204.	4.3	16
7	Diffuse Galactic gamma-ray flux at very high energy. <i>Physical Review D</i> , 2018, 98, .	4.7	49
8	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	12.6	654
9	Neutrino Astronomy. , 2018, , 195-355.		1
10	Interpretation of the cosmic ray positron and antiproton fluxes. <i>Physical Review D</i> , 2017, 95, .	4.7	37
11	Gamma ray astronomy above 30 TeV and the IceCube results. <i>EPJ Web of Conferences</i> , 2017, 136, 03015.	0.3	0
12	Universality in the longitudinal development of Cosmic Ray showers. <i>Nuclear and Particle Physics Proceedings</i> , 2016, 279-281, 111-117.	0.5	4
13	Absorption of very high energy gamma rays in the Milky Way. <i>Physical Review D</i> , 2016, 94, .	4.7	61
14	Cosmic rays and hadronic interactions. <i>EPJ Web of Conferences</i> , 2015, 99, 14001.	0.3	1
15	Cosmic rays and hadronic interactions. <i>Comptes Rendus Physique</i> , 2014, 15, 357-366.	0.9	2
16	Interpretation of the measurements of total, elastic, and diffractive cross sections at LHC. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	24
17	Open problems in particle astrophysics. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 692, 106-119.	1.6	5
18	Atmospheric muon and neutrino fluxes at very high energy. <i>Astroparticle Physics</i> , 2011, 34, 663-673.	4.3	31

#	ARTICLE	IF	CITATIONS
19	Cosmic ray interaction event generator SIBYLL 2.1. Physical Review D, 2009, 80, .	4.7	355
20	Multiple parton interactions in hadron collisions and diffraction. Physical Review D, 2009, 80, .	4.7	20
21	Concepts of "age" and "universality" in cosmic ray showers. Physical Review D, 2009, 79, .	4.7	37
22	Proton and neutrino extragalactic astronomy. Physical Review D, 2008, 78, .	4.7	25
23	Flavor composition and energy spectrum of astrophysical neutrinos. Physical Review D, 2007, 75, .	4.7	163
24	Perspectives of high-energy neutrino astronomy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 567, 405-417.	1.6	33
25	The fluxes of sub-cutoff particles detected by AMS, the cosmic ray albedo and atmospheric neutrinos. Astroparticle Physics, 2002, 16, 295-323.	4.3	15
26	Review of sources of atmospheric neutrinos. Nuclear Physics, Section B, Proceedings Supplements, 2001, 91, 159-166.	0.4	10
27	Systematic uncertainties in the prediction of the atmospheric $\hat{\nu}$ fluxes. Nuclear Physics, Section B, Proceedings Supplements, 2001, 100, 136-138.	0.4	0
28	The Prediction of the Atmospheric Neutrino Fluxes. , 2001, , 107-116.		0
29	The geometry of atmospheric neutrino production. Astroparticle Physics, 2000, 14, 153-170.	4.3	46
30	Atmospheric neutrino flux above 1 GeV. Physical Review D, 1996, 53, 1314-1323.	4.7	274
31	The Neutrino Cross Section and Upward Going Muons. Physical Review Letters, 1995, 74, 4384-4387.	7.8	97
32	sibyll: An event generator for simulation of high energy cosmic ray cascades. Physical Review D, 1994, 50, 5710-5731.	4.7	326
33	Lepton spectra in the earth's atmosphere. Astroparticle Physics, 1993, 1, 195-227.	4.3	298