

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 | Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, . | 12.6 | 654 |
| 2 | Cosmic ray interaction event generator SIBYLL 2.1. <i>Physical Review D</i> , 2009, 80, . | 4.7 | 355 |
| 3 | sibyll: An event generator for simulation of high energy cosmic ray cascades. <i>Physical Review D</i> , 1994, 50, 5710-5731. | 4.7 | 326 |
| 4 | Lepton spectra in the earth's atmosphere. <i>Astroparticle Physics</i> , 1993, 1, 195-227. | 4.3 | 298 |
| 5 | Atmospheric neutrino flux above 1 GeV. <i>Physical Review D</i> , 1996, 53, 1314-1323. | 4.7 | 274 |
| 6 | Flavor composition and energy spectrum of astrophysical neutrinos. <i>Physical Review D</i> , 2007, 75, . | 4.7 | 163 |
| 7 | 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 |
| 8 | The Neutrino Cross Section and Upward Going Muons. <i>Physical Review Letters</i> , 1995, 74, 4384-4387. | 7.8 | 97 |
| 9 | Absorption of very high energy gamma rays in the Milky Way. <i>Physical Review D</i> , 2016, 94, . | 4.7 | 61 |
| 10 | Diffuse Galactic gamma-ray flux at very high energy. <i>Physical Review D</i> , 2018, 98, . | 4.7 | 49 |
| 11 | The geometry of atmospheric neutrino production. <i>Astroparticle Physics</i> , 2000, 14, 153-170. | 4.3 | 46 |
| 12 | Concepts of "age" and "universality" in cosmic ray showers. <i>Physical Review D</i> , 2009, 79, . | 4.7 | 37 |
| 13 | Interpretation of the cosmic ray positron and antiproton fluxes. <i>Physical Review D</i> , 2017, 95, . | 4.7 | 37 |
| 14 | Perspectives of high-energy neutrino astronomy. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 567, 405-417. | 1.6 | 33 |
| 15 | Atmospheric muon and neutrino fluxes at very high energy. <i>Astroparticle Physics</i> , 2011, 34, 663-673. | 4.3 | 31 |
| 16 | The shape of the cosmic ray proton spectrum. <i>Astroparticle Physics</i> , 2020, 120, 102441. | 4.3 | 31 |
| 17 | Proton and neutrino extragalactic astronomy. <i>Physical Review D</i> , 2008, 78, . | 4.7 | 25 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Multiple parton interactions in hadron collisions and diffraction. <i>Physical Review D</i> , 2009, 80, . | 4.7 | 20 |
| 20 | 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 |
| 21 | Spectral features in the cosmic ray fluxes. <i>Astroparticle Physics</i> , 2018, 97, 197-204. | 4.3 | 16 |
| 22 | The fluxes of sub-cutoff particles detected by AMS, the cosmic ray albedo and atmospheric neutrinos. <i>Astroparticle Physics</i> , 2002, 16, 295-323. | 4.3 | 15 |
| 23 | Review of sources of atmospheric neutrinos. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2001, 91, 159-166. | 0.4 | 10 |
| 24 | 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 |
| 25 | Universality in the longitudinal development of Cosmic Ray showers. <i>Nuclear and Particle Physics Proceedings</i> , 2016, 279-281, 111-117. | 0.5 | 4 |
| 26 | 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 |
| 27 | Cosmic rays and hadronic interactions. <i>Comptes Rendus Physique</i> , 2014, 15, 357-366. | 0.9 | 2 |
| 28 | The origin of the power-law form of the extragalactic gamma-ray flux. <i>Astroparticle Physics</i> , 2021, 125, 102507. | 4.3 | 2 |
| 29 | Cosmic rays and hadronic interactions. <i>EPJ Web of Conferences</i> , 2015, 99, 14001. | 0.3 | 1 |
| 30 | Neutrino Astronomy. , 2018, , 195-355. | | 1 |
| 31 | Systematic uncertainties in the prediction of the atmospheric $\hat{1}/2$ fluxes. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2001, 100, 136-138. | 0.4 | 0 |
| 32 | Gamma ray astronomy above 30 TeV and the IceCube results. <i>EPJ Web of Conferences</i> , 2017, 136, 03015. | 0.3 | 0 |
| 33 | The Prediction of the Atmospheric Neutrino Fluxes. , 2001, , 107-116. | | 0 |