

# Laura Patrizzii

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40 papers	1,053 citations	22 h-index	32 g-index
45 ext. papers	1,123 ext. citations	3.2 avg, IF	1.61 L-index

#	Paper	IF	Citations
40	Further studies on the physics potential of an experiment using LHC neutrinos. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2020</b> , 47, 125004	2.9	4
39	Searches for cosmic magnetic monopoles: past, present and future. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2019</b> , 377, 20180328	3	2
38	The HEPD particle detector of the CSES satellite mission for investigating seismo-associated perturbations of the Van Allen belts. <i>Science China Technological Sciences</i> , <b>2018</b> , 61, 643-652	3.5	21
37	Euclid Near Infrared Spectrometer and Photometer instrument concept and first test results obtained for different breadboards models at the end of phase C <b>2016</b> ,		4
36	The physics programme of the MoEDAL experiment at the LHC. <i>International Journal of Modern Physics A</i> , <b>2014</b> , 29, 1430050	1.2	75
35	An integrated system for large scale scanning of nuclear emulsions. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 703, 204-212	1.2	11
34	Time variations in the deep underground muon flux. <i>Europhysics Letters</i> , <b>2009</b> , 87, 39001	1.6	2
33	Fragmentation cross sections of Fe <sup>26+</sup> , Si <sup>14+</sup> and C <sup>6+</sup> ions of 0.310 A GeV on polyethylene, CR39 and aluminum targets. <i>Nuclear Physics A</i> , <b>2008</b> , 807, 206-213	1.3	45
32	Magnetic monopole search at high altitude with the SLIM experiment. <i>European Physical Journal C</i> , <b>2008</b> , 55, 57-63	4.2	33
31	Results of the search for strange quark matter and Q-balls with the SLIM experiment. <i>European Physical Journal C</i> , <b>2008</b> , 57, 525-533	4.2	31
30	Search for intermediate mass magnetic monopoles and nuclearites with the SLIM experiment. <i>Radiation Measurements</i> , <b>2005</b> , 40, 405-409	1.5	15
29	Time correlations of high energy muons in an underground detector. <i>Astroparticle Physics</i> , <b>2005</b> , 23, 341-348	2.4	3
28	Calibration of the MakrofolDE nuclear track detector using relativistic lead ions. <i>Radiation Measurements</i> , <b>2005</b> , 40, 433-436	1.5	12
27	Moon and Sun shadowing effect in the MACRO detector. <i>Astroparticle Physics</i> , <b>2003</b> , 20, 145-156	2.4	22
26	Search for cosmic ray sources using muons detected by the MACRO experiment. <i>Astroparticle Physics</i> , <b>2003</b> , 18, 615-627	2.4	8
25	Search for diffuse neutrino flux from astrophysical sources with MACRO. <i>Astroparticle Physics</i> , <b>2003</b> , 19, 1-13	2.4	32
24	Measurement of the residual energy of muons in the Gran Sasso underground laboratories. <i>Astroparticle Physics</i> , <b>2003</b> , 19, 313-328	2.4	27

23	A combined analysis technique for the search for fast magnetic monopoles with the MACRO detector. <i>Astroparticle Physics</i> , <b>2002</b> , 18, 27-41	2.4	9
22	Fragmentation cross sections of 158 A GeV Pb ions in various targets measured with CR39 nuclear track detectors. <i>Nuclear Physics A</i> , <b>2002</b> , 707, 513-524	1.3	28
21	Neutrino Astronomy with the MACRO Detector. <i>Astrophysical Journal</i> , <b>2001</b> , 546, 1038-1054	4.7	60
20	Measurement of the energy spectrum of underground muons at Gran Sasso with a transition radiation detector. <i>Astroparticle Physics</i> , <b>1999</b> , 10, 11-20	2.4	25
19	The observation of up-going charged particles produced by high energy muons in underground detectors. <i>Astroparticle Physics</i> , <b>1998</b> , 9, 105-117	2.4	35
18	Real time supernova neutrino burst detection with MACRO. <i>Astroparticle Physics</i> , <b>1998</b> , 8, 123-133	2.4	16
17	High energy cosmic ray physics with underground muons in MACRO. II. Primary spectra and composition. <i>Physical Review D</i> , <b>1997</b> , 56, 1418-1436	4.9	25
16	High energy cosmic ray physics with underground muons in MACRO. I. Analysis methods and experimental results. <i>Physical Review D</i> , <b>1997</b> , 56, 1407-1417	4.9	15
15	Seasonal variations in the underground muon intensity as seen by MACRO. <i>Astroparticle Physics</i> , <b>1997</b> , 7, 109-124	2.4	93
14	The performance of MACRO liquid scintillator in the search for magnetic monopoles with 10B. <i>Astroparticle Physics</i> , <b>1997</b> , 6, 113-128	2.4	16
13	Performance of the MACRO streamer tube system in the search for magnetic monopoles. <i>Astroparticle Physics</i> , <b>1995</b> , 4, 33-43	2.4	23
12	Vertical muon intensity measured with MACRO at the Gran Sasso laboratory. <i>Physical Review D</i> , <b>1995</b> , 52, 3793-3802	4.9	129
11	Search for slowly moving magnetic monopoles with the MACRO detector. <i>Physical Review Letters</i> , <b>1994</b> , 72, 608-612	7.4	26
10	Coincident observation of air Cerenkov light by a surface array and muon bundles by a deep underground detector. <i>Physical Review D</i> , <b>1994</b> , 50, 3046-3058	4.9	1
9	Fragmentation cross sections and search for nuclear fragments with fractional charge in relativistic heavy ion collisions. <i>Astroparticle Physics</i> , <b>1993</b> , 1, 369-376	2.4	27
8	Muon astronomy with the MACRO detector. <i>Astrophysical Journal</i> , <b>1993</b> , 412, 301	4.7	23
7	Search for highly ionizing particles in e+e- annihilations at sqrt s =91.1 GeV. <i>Physical Review D</i> , <b>1992</b> , 46, R881-R884	4.9	22
6	Search for nuclearites using the MACRO detector. <i>Physical Review Letters</i> , <b>1992</b> , 69, 1860-1863	7.4	27

5	Study of the ultrahigh-energy primary-cosmic-ray composition with the MACRO experiment. <i>Physical Review D</i> , <b>1992</b> , 46, 895-902	4.9	33
4	Measurement of the decoherence function with the MACRO detector at Gran Sasso. <i>Physical Review D</i> , <b>1992</b> , 46, 4836-4845	4.9	26
3	Search for Magnetic Monopoles at the Tevatron Collider. <i>Europhysics Letters</i> , <b>1990</b> , 12, 613-616	1.6	29
2	Simultaneous observation of extensive air showers and deep-underground muons at the Gran Sasso Laboratory. <i>Physical Review D</i> , <b>1990</b> , 42, 1396-1403	4.9	16
1	Search for fractionally charged particles in (anti)neutrino-deuterium interactions. <i>Physical Review D</i> , <b>1988</b> , 37, 219-221	4.9	2