

Laura Paulucci

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.

25
papers

263
citations

9
h-index

15
g-index

28
ext. papers

315
ext. citations

2.3
avg, IF

3.27
L-index

#	Paper	IF	Citations
25	Tidal deformability of strange stars and the GW170817 event. <i>Physical Review D</i> , 2021 , 103,	4.9	2
24	Hypothesis: Muon Radiation Dose and Marine Megafaunal Extinction at the End-Pliocene Supernova. <i>Astrobiology</i> , 2019 , 19, 825-830	3.7	7
23	ARAPUCA light trap for large liquid argon time projection chambers. <i>Journal of Physics: Conference Series</i> , 2018 , 1143, 012003	0.3	
22	Numerical characterization of the ARAPUCA: a new approach for LAr scintillation light detection. <i>Journal of Physics: Conference Series</i> , 2018 , 1056, 012036	0.3	4
21	Liquid argon test of the ARAPUCA device. <i>Journal of Instrumentation</i> , 2018 , 13, P08021-P08021	1	9
20	The X-ARAPUCA: an improvement of the ARAPUCA device. <i>Journal of Instrumentation</i> , 2018 , 13, C04026-C04026		
19	Nucleosynthesis in Strange Star Mergers. <i>International Journal of Modern Physics Conference Series</i> , 2017 , 45, 1760042	0.7	11
18	Kinematic measurements using an infrared sensor. <i>European Journal of Physics</i> , 2016 , 37, 025003	0.8	4
17	Gluon effects on the equation of state of color superconducting strange stars. <i>Physical Review D</i> , 2015 , 92,	4.9	8
16	Crystalline chiral condensates as a component of compact stars. <i>Physical Review D</i> , 2015 , 92,	4.9	25
15	Strange quark matter fragmentation in astrophysical events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 733, 164-168	4.2	29
14	Propagation and energy deposition of cosmic rays muons on terrestrial environments. <i>International Journal of Astrobiology</i> , 2014 , 13, 319-323	1.4	10
13	Bag versus NJL models for colour flavour-locked strange quark matter. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2013 , 40, 125202	2.9	8
12	Magnetic Color-flavor-locked Stars. <i>Proceedings of the International Astronomical Union</i> , 2012 , 8, 465-467	0.1	1
11	Equation of state for the magnetic-color-flavor-locked phase and its implications for compact star models. <i>Physical Review D</i> , 2011 , 83,	4.9	88
10	Self-bound models of compact stars and recent mass-radius measurements. <i>Physical Review D</i> , 2011 , 84,	4.9	14
9	NU-PROCESS IN EXOTIC MODELS. <i>International Journal of Modern Physics D</i> , 2010 , 19, 1731-1735	2.2	

8	Interaction of strangelets with ordinary nuclei. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2009 , 36, 095202	2.9	4
7	Trapping of strangelets in the geomagnetic field. <i>Physical Review D</i> , 2008 , 77,	4.9	3
6	Color-flavor locked strange matter and strangelets at finite temperature. <i>Physical Review C</i> , 2008 , 78,	2.7	10
5	CFL STRANGE QUARK MATTER AT FINITE TEMPERATURE. <i>International Journal of Modern Physics E</i> , 2007 , 16, 2851-2854	0.7	1
4	CAPTURE CONDITIONS FOR STRANGELETS IN THE GEOMAGNETIC FIELD. <i>International Journal of Modern Physics D</i> , 2007 , 16, 501-508	2.2	1
3	On the interpretation of the doubly charged AMS event in terms of strangelets: continuum versus shell picture. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2006 , 32, B13-B16	2.9	2
2	Quasi-elastic barrier distribution of the $^{16,18}\text{O}+^{92}\text{Mo}$. <i>Nuclear Physics A</i> , 2003 , 725, 60-68	1.3	7
1	Muon Radiation Dose and Marine Megafaunal Extinction at the end-Pliocene Supernova		2