

# Laura Paulucci

## List of Publications by Citations

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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	Equation of state for the magnetic-color-flavor-locked phase and its implications for compact star models. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	88
24	Strange quark matter fragmentation in astrophysical events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 733, 164-168	4.2	29
23	Crystalline chiral condensates as a component of compact stars. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	25
22	Self-bound models of compact stars and recent mass-radius measurements. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	14
21	The X-ARAPUCA: an improvement of the ARAPUCA device. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, C04026-C04026;		
20	Nucleosynthesis in Strange Star Mergers. <i>International Journal of Modern Physics Conference Series</i> , <b>2017</b> , 45, 1760042	0.7	11
19	Propagation and energy deposition of cosmic rays muons on terrestrial environments. <i>International Journal of Astrobiology</i> , <b>2014</b> , 13, 319-323	1.4	10
18	Color-flavor locked strange matter and strangelets at finite temperature. <i>Physical Review C</i> , <b>2008</b> , 78,	2.7	10
17	Liquid argon test of the ARAPUCA device. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, P08021-P08021	1	9
16	Gluon effects on the equation of state of color superconducting strange stars. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	8
15	Bag versus NJL models for colour flavour-locked strange quark matter. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2013</b> , 40, 125202	2.9	8
14	Quasi-elastic barrier distribution of the $^{16}\text{O}+^{92}\text{Mo}$ . <i>Nuclear Physics A</i> , <b>2003</b> , 725, 60-68	1.3	7
13	Hypothesis: Muon Radiation Dose and Marine Megafaunal Extinction at the End-Pliocene Supernova. <i>Astrobiology</i> , <b>2019</b> , 19, 825-830	3.7	7
12	Kinematic measurements using an infrared sensor. <i>European Journal of Physics</i> , <b>2016</b> , 37, 025003	0.8	4
11	Interaction of strangelets with ordinary nuclei. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2009</b> , 36, 095202	2.9	4
10	Numerical characterization of the ARAPUCA: a new approach for LAr scintillation light detection. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1056, 012036	0.3	4
9	Trapping of strangelets in the geomagnetic field. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	3

8	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> , <b>2006</b> , 32, B13-B16	2.9	2
7	Muon Radiation Dose and Marine Megafaunal Extinction at the end-Pliocene Supernova		2
6	Tidal deformability of strange stars and the GW170817 event. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	2
5	Magnetic Color-flavor-locked Stars. <i>Proceedings of the International Astronomical Union</i> , <b>2012</b> , 8, 465-467	0.1	1
4	CFL STRANGE QUARK MATTER AT FINITE TEMPERATURE. <i>International Journal of Modern Physics E</i> , <b>2007</b> , 16, 2851-2854	0.7	1
3	CAPTURE CONDITIONS FOR STRANGELETS IN THE GEOMAGNETIC FIELD. <i>International Journal of Modern Physics D</i> , <b>2007</b> , 16, 501-508	2.2	1
2	NU-PROCESS IN EXOTIC MODELS. <i>International Journal of Modern Physics D</i> , <b>2010</b> , 19, 1731-1735	2.2	
1	ARAPUCA light trap for large liquid argon time projection chambers. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1143, 012003	0.3	