

Laura Paulucci

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

362
citations

840585

11
h-index

794469

19
g-index

28
all docs

28
docs citations

28
times ranked

390
citing authors

#	ARTICLE	IF	CITATIONS
1	Equation of state for the magnetic-color-flavor-locked phase and its implications for compact star models. <i>Physical Review D</i> , 2011, 83, .	1.6	98
2	Strange quark matter fragmentation in astrophysical events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 733, 164-168.	1.5	43
3	Crystalline chiral condensates as a component of compact stars. <i>Physical Review D</i> , 2015, 92, .	1.6	35
4	The X-ARAPUCA: an improvement of the ARAPUCA device. <i>Journal of Instrumentation</i> , 2018, 13, C04026-C04026.	0.5	24
5	Self-bound models of compact stars and recent mass-radius measurements. <i>Physical Review D</i> , 2011, 84, .	1.6	18
6	Tidal deformability of strange stars and the GW170817 event. <i>Physical Review D</i> , 2021, 103, .	1.6	17
7	Nucleosynthesis in Strange Star Mergers. <i>International Journal of Modern Physics Conference Series</i> , 2017, 45, 1760042.	0.7	15
8	Propagation and energy deposition of cosmic raysâ€™ muons on terrestrial environments. <i>International Journal of Astrobiology</i> , 2014, 13, 319-323.	0.9	14
9	Bag versus NJL models for colourâ€™flavour-locked strange quark matter. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2013, 40, 125202.	1.4	13
10	Gluon effects on the equation of state of color superconducting strange stars. <i>Physical Review D</i> , 2015, 92, .	1.6	13
11	Hypothesis: Muon Radiation Dose and Marine Megafaunal Extinction at the End-Pliocene Supernova. <i>Astrobiology</i> , 2019, 19, 825-830.	1.5	13
12	Liquid argon test of the ARAPUCA device. <i>Journal of Instrumentation</i> , 2018, 13, P08021-P08021.	0.5	12
13	Color-flavor locked strange matter and strangelets at finite temperature. <i>Physical Review C</i> , 2008, 78, .	1.1	11
14	Quasi-elastic barrier distribution of the $^{16}\text{O}+^{92}\text{Mo}$. <i>Nuclear Physics A</i> , 2003, 725, 60-68.	0.6	10
15	Kinematic measurements using an infrared sensor. <i>European Journal of Physics</i> , 2016, 37, 025003.	0.3	6
16	Interaction of strangelets with ordinary nuclei. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2009, 36, 095202.	1.4	4
17	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
18	Trapping of strangelets in the geomagnetic field. <i>Physical Review D</i> , 2008, 77, .	1.6	3

#	ARTICLE	IF	CITATIONS
19	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.	1.4	2
20	CFL STRANGE QUARK MATTER AT FINITE TEMPERATURE. <i>International Journal of Modern Physics E</i> , 2007, 16, 2851-2854.	0.4	1
21	CAPTURE CONDITIONS FOR STRANGELETS IN THE GEOMAGNETIC FIELD. <i>International Journal of Modern Physics D</i> , 2007, 16, 501-508.	0.9	1
22	Magnetic Color-flavor-locked Stars. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 465-467.	0.0	1
23	Desenvolvimento de um sistema de RPG para o ensino de Física. <i>Revista Brasileira De Ensino De Fisica</i> , 0, 43, .	0.2	1
24	Ensino de astronomia: uma abordagem didática a partir da Teoria da Relatividade Geral. <i>Revista Brasileira De Ensino De Fisica</i> , 0, 43, .	0.2	1
25	NU-PROCESS IN EXOTIC MODELS. <i>International Journal of Modern Physics D</i> , 2010, 19, 1731-1735.	0.9	0
26	ARAPUCA light trap for large liquid argon time projection chambers. <i>Journal of Physics: Conference Series</i> , 2018, 1143, 012003.	0.3	0
27	Levantamento de recursos e uma avaliação atual do Ensino de Astrofísica Estelar. <i>Revista Brasileira De Ensino De Fisica</i> , 0, 44, .	0.2	0