

# Nicola Funicello

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

293  
citations

933447

10  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

477  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid graphene/silicon Schottky photodiode with intrinsic gating effect. 2D Materials, 2017, 4, 025075.	4.4	127
2	Prompt $D^0$ , $D^+$ , and $D^{*+}$ production in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	23
3	SiPM-matrix readout of two-phase argon detectors using electroluminescence in the visible and near infrared range. European Physical Journal C, 2021, 81, 1.	3.9	18
4	Coherent $\mathrm{J}/\psi$ and $\Upsilon$ photoproduction at midrapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	18
5	Methane electrochemical oxidation at low temperature on Rh single atom/NiO/V2O5 nanocomposite. Applied Catalysis A: General, 2020, 603, 117746.	4.3	17
6	Measurement of beauty and charm production in pp collisions at $\sqrt{s} = 5.02$ TeV via non-prompt and prompt D mesons. Journal of High Energy Physics, 2021, 2021, 1.	4.7	17
7	Sensitivity of future liquid argon dark matter search experiments to core-collapse supernova neutrinos. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 043.	5.4	12
8	Separating $^{39}\mathrm{Ar}$ from $^{40}\mathrm{Ar}$ by cryogenic distillation with Aria for dark-matter searches. European Physical Journal C, 2021, 81, 1.	3.9	12
9	Production of pions, kaons, (anti-)protons and $\phi$ mesons in Xe-Xe collisions at $\sqrt{s_{\mathrm{NN}}} = 5.44$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
10	Measurement of the production cross section of prompt $\Xi_{\mathrm{c}}^0$ baryons at midrapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
11	AuAg/ZnO nanocatalyst for CO2 valorization and H2 and CO electrochemical production. Journal of CO2 Utilization, 2020, 39, 101179.	6.8	6
12	Long- and short-range correlations and their event-scale dependence in high-multiplicity pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
13	Energy dependence of $\phi$ meson production at forward rapidity in pp collisions at the LHC. European Physical Journal C, 2021, 81, 1.	3.9	5
14	Anisotropic flow of identified hadrons in Xe-Xe collisions at $\sqrt{s_{\mathrm{NN}}} = 5.44$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
15	Magnetic resonance imaging during the templated synthesis of mesoporous TiO2 supporting Pt nanoparticles for MOR. Inorganic Chemistry Communication, 2021, 131, 108790.	3.9	2
16	Study of Pumpkin Drying Through Magnetic Resonance Imaging. Frontiers in Sustainable Food Systems, 2021, 5, .	3.9	1
17	$K_S^0$ and (anti-) $\Lambda$ hadron correlations in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	1
18	First measurements of N-subjettiness in central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1