

Valentina De Romeri

List of Publications by Year in descending order

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43
papers

1,343
citations

279798

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37
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43
all docs

43
docs citations

43
times ranked

1354
citing authors

#	ARTICLE	IF	CITATIONS
1	Volume I. Introduction to DUNE. Journal of Instrumentation, 2020, 15, T08008-T08008.	1.2	168
2	Long-baseline neutrino oscillation physics potential of the DUNE experiment. European Physical Journal C, 2020, 80, 1.	3.9	93
3	COHERENT analysis of neutrino generalized interactions. Physical Review D, 2018, 98, .	4.7	88
4	Volume IV. The DUNE far detector single-phase technology. Journal of Instrumentation, 2020, 15, T08010-T08010.	1.2	86
5	Indirect searches for sterile neutrinos at a high-luminosity Z-factory. Journal of High Energy Physics, 2015, 2015, 1.	4.7	73
6	First results on ProtoDUNE-SP liquid argon time projection chamber performance from a beam test at the CERN Neutrino Platform. Journal of Instrumentation, 2020, 15, P12004-P12004.	1.2	69
7	Prospects for beyond the Standard Model physics searches at the Deep Underground Neutrino Experiment. European Physical Journal C, 2021, 81, 322.	3.9	69
8	Impact of sterile neutrinos on nuclear-assisted cLFV processes. Journal of High Energy Physics, 2016, 2016, 1.	4.7	48
9	Effect of sterile states on lepton magnetic moments and neutrinoless double beta decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	45
10	Effective Majorana mass matrix from tau and pseudoscalar meson lepton number violating decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	44
11	Light vector mediators facing XENON1T data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 809, 135681.	4.1	40
12	DUNE-PRISM sensitivity to light dark matter. Physical Review D, 2019, 100, .	4.7	35
13	Neutrino oscillations at DUNE with improved energy reconstruction. Journal of High Energy Physics, 2016, 2016, 1.	4.7	32
14	Lepton flavor violating $\langle \text{mml:mi} \rangle Z \langle \text{mml:mi} \rangle$ decays: A promising window to low scale seesaw neutrinos. Physical Review D, 2017, 95, .	4.7	31
15	Phenomenology of scotogenic scalar dark matter. European Physical Journal C, 2020, 80, 1.	3.9	31
16	Sneutrino dark matter in low-scale seesaw scenarios. Journal of High Energy Physics, 2012, 2012, 1.	4.7	30
17	Dark Matter and the elusive $Z\epsilon^2$ in a dynamical Inverse Seesaw scenario. Journal of High Energy Physics, 2017, 2017, 1.	4.7	29
18	CP violating effects in coherent elastic neutrino-nucleus scattering processes. Journal of High Energy Physics, 2019, 2019, 1.	4.7	29

#	ARTICLE	IF	CITATIONS
19	Realistic estimation for the detectability of dark matter subhalos using Fermi-LAT catalogs. Physical Review D, 2017, 96, .	4.7	26
20	Soft masses in supersymmetric SO(10) GUTs with low intermediate scales. Physical Review D, 2011, 84, .	4.7	25
21	Volume III. DUNE far detector technical coordination. Journal of Instrumentation, 2020, 15, T08009-T08009.	1.2	25
22	Neutrino dark matter and the Higgs portal: improved freeze-in analysis. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
23	Probing neutrino quantum decoherence at reactor experiments. Journal of High Energy Physics, 2020, 2020, 1.	4.7	23
24	Conservative upper limits on WIMP annihilation cross section from Fermi-LAT γ rays. Physical Review D, 2012, 85, .	4.7	20
25	In-flight cLFV conversion: $\mu \rightarrow e \gamma$, $\mu \rightarrow e \gamma \gamma$, and $\mu \rightarrow e \gamma \nu$, in minimal extensions of the standard model with sterile fermions. European Physical Journal C, 2017, 77, 1.	3.9	19
26	Neutrino interaction classification with a convolutional neural network in the DUNE far detector. Physical Review D, 2020, 102, .	4.7	19
27	Combined analysis of neutrino decoherence at reactor experiments. Journal of High Energy Physics, 2021, 2021, 1.	4.7	18
28	γ -ray anisotropies from dark matter in the Milky Way: the role of the radial distribution. Monthly Notices of the Royal Astronomical Society, 2014, 442, 1151-1156.	4.4	17
29	Quasi-Dirac neutrino oscillations at DUNE and JUNO. Physical Review D, 2019, 100, .	4.7	16
30	Axionlike particles searches in reactor experiments. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
31	Signatures of primordial black hole dark matter at DUNE and THEIA. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 051.	5.4	12
32	Impact of COHERENT measurements, cross section uncertainties and new interactions on the neutrino floor. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 055.	5.4	12
33	The Constrained NMSSM with right-handed neutrinos. European Physical Journal C, 2018, 78, 290.	3.9	9
34	Confronting dark matter with the diphoton excess from a parent resonance decay. European Physical Journal C, 2016, 76, 262.	3.9	6
35	Evolution and instabilities of disks harboring super massive black holes. Astrophysics and Space Science, 2010, 327, 259-266.	1.4	4
36	Dark matter in a charged variant of the Scotogenic model. European Physical Journal C, 2022, 82, .	3.9	4

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37	Conservative upper limits on WIMP annihilation cross section from Fermi-LAT γ -rays. Journal of Physics: Conference Series, 2012, 375, 012039.	0.4	3
38	Low exposure long-baseline neutrino oscillation sensitivity of the DUNE experiment. Physical Review D, 2022, 105, .	4.7	3
39	Inverse seesaw mechanism with compact supersymmetry: Enhanced naturalness and light superpartners. Physical Review D, 2018, 98, .	4.7	2
40	Hunting for light dark matter with DUNE PRISM. Journal of Physics: Conference Series, 2020, 1468, 012061.	0.4	2
41	Right handed sneutrino dark matter in inverse and linear seesaw scenarios. Journal of Physics: Conference Series, 2014, 485, 012028.	0.4	0
42	Impact of sterile neutrinos in lepton flavour violating processes. Journal of Physics: Conference Series, 2016, 718, 062013.	0.4	0
43	Charged lepton flavour violation from low scale seesaw neutrinos. , 2017, , .		0