

Valentina De Romeri

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,343
citations

279798

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330143

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all docs

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docs citations

43
times ranked

1354
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of COHERENT measurements, cross section uncertainties and new interactions on the neutrino floor. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 055.	5.4	12
2	Low exposure long-baseline neutrino oscillation sensitivity of the DUNE experiment. <i>Physical Review D</i> , 2022, 105, .	4.7	3
3	Dark matter in a charged variant of the Scotogenic model. <i>European Physical Journal C</i> , 2022, 82, .	3.9	4
4	Axionlike particles searches in reactor experiments. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	14
5	Prospects for beyond the Standard Model physics searches at the Deep Underground Neutrino Experiment. <i>European Physical Journal C</i> , 2021, 81, 322.	3.9	69
6	Combined analysis of neutrino decoherence at reactor experiments. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	18
7	Signatures of primordial black hole dark matter at DUNE and THEIA. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 051.	5.4	12
8	Probing neutrino quantum decoherence at reactor experiments. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	23
9	Volume I. Introduction to DUNE. <i>Journal of Instrumentation</i> , 2020, 15, T08008-T08008.	1.2	168
10	First results on ProtoDUNE-SP liquid argon time projection chamber performance from a beam test at the CERN Neutrino Platform. <i>Journal of Instrumentation</i> , 2020, 15, P12004-P12004.	1.2	69
11	Neutrino dark matter and the Higgs portal: improved freeze-in analysis. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	24
12	Hunting for light dark matter with DUNE PRISM. <i>Journal of Physics: Conference Series</i> , 2020, 1468, 012061.	0.4	2
13	Long-baseline neutrino oscillation physics potential of the DUNE experiment. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	93
14	Volume IV. The DUNE far detector single-phase technology. <i>Journal of Instrumentation</i> , 2020, 15, T08010-T08010.	1.2	86
15	Light vector mediators facing XENON1T data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 809, 135681.	4.1	40
16	Volume III. DUNE far detector technical coordination. <i>Journal of Instrumentation</i> , 2020, 15, T08009-T08009.	1.2	25
17	Neutrino interaction classification with a convolutional neural network in the DUNE far detector. <i>Physical Review D</i> , 2020, 102, .	4.7	19
18	Phenomenology of scotogenic scalar dark matter. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	31

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19	Quasi-Dirac neutrino oscillations at DUNE and JUNO. Physical Review D, 2019, 100, .	4.7	16
20	CP violating effects in coherent elastic neutrino-nucleus scattering processes. Journal of High Energy Physics, 2019, 2019, 1.	4.7	29
21	DUNE-PRISM sensitivity to light dark matter. Physical Review D, 2019, 100, .	4.7	35
22	The Constrained NMSSM with right-handed neutrinos. European Physical Journal C, 2018, 78, 290.	3.9	9
23	Effective Majorana mass matrix from tau and pseudoscalar meson lepton number violating decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	44
24	Inverse seesaw mechanism with compact supersymmetry: Enhanced naturalness and light superpartners. Physical Review D, 2018, 98, .	4.7	2
25	COHERENT analysis of neutrino generalized interactions. Physical Review D, 2018, 98, .	4.7	88
26	Realistic estimation for the detectability of dark matter subhalos using Fermi-LAT catalogs. Physical Review D, 2017, 96, .	4.7	26
27	Lepton flavor violating $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle mml:mi>Z</mml:mi> \langle /mml:math>$ decays: A promising window to low scale seesaw neutrinos. Physical Review D, 2017, 95, .	4.7	31
28	In-flight cLFV conversion: $\mu \rightarrow e \gamma$, $\mu \rightarrow e \gamma \gamma$, and $\mu \rightarrow e \gamma \gamma \gamma$, in minimal extensions of the standard model with sterile fermions. European Physical Journal C, 2017, 77, 1.	3.9	19
29	Dark Matter and the elusive $Z\mu\mu$ in a dynamical Inverse Seesaw scenario. Journal of High Energy Physics, 2017, 2017, 1.	4.7	29
30	Charged lepton flavour violation from low scale seesaw neutrinos. , 2017, , .		0
31	Neutrino oscillations at DUNE with improved energy reconstruction. Journal of High Energy Physics, 2016, 2016, 1.	4.7	32
32	Impact of sterile neutrinos in lepton flavour violating processes. Journal of Physics: Conference Series, 2016, 718, 062013.	0.4	0
33	Confronting dark matter with the diphoton excess from a parent resonance decay. European Physical Journal C, 2016, 76, 262.	3.9	6
34	Impact of sterile neutrinos on nuclear-assisted cLFV processes. Journal of High Energy Physics, 2016, 2016, 1.	4.7	48
35	Indirect searches for sterile neutrinos at a high-luminosity Z-factory. Journal of High Energy Physics, 2015, 2015, 1.	4.7	73
36	Effect of sterile states on lepton magnetic moments and neutrinoless double beta decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	45

#	ARTICLE	IF	CITATIONS
37	$\hat{\nu}$ -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
38	Right handed sneutrino dark matter in inverse and linear seesaw scenarios. Journal of Physics: Conference Series, 2014, 485, 012028.	0.4	0
39	Conservative upper limits on WIMP annihilation cross section from Fermi-LAT $\hat{\nu}$ -rays. Physical Review D, 2012, 85, .	4.7	20
40	Conservative upper limits on WIMP annihilation cross section from Fermi-LAT $\hat{\nu}$ -rays. Journal of Physics: Conference Series, 2012, 375, 012039.	0.4	3
41	Sneutrino dark matter in low-scale seesaw scenarios. Journal of High Energy Physics, 2012, 2012, 1.	4.7	30
42	Soft masses in supersymmetric SO(10) GUTs with low intermediate scales. Physical Review D, 2011, 84, .	4.7	25
43	Evolution and instabilities of disks harboring super massive black holes. Astrophysics and Space Science, 2010, 327, 259-266.	1.4	4