

Umberto D'Alesio

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

786
citations

623734
14
h-index

794594
19
g-index

22
all docs

22
docs citations

22
times ranked

565
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospects for quarkonium studies at the high-luminosity LHC. Progress in Particle and Nuclear Physics, 2022, 122, 103906.	14.4	41
2	J/ψ polarization in semi-inclusive DIS at low and high transverse momentum. Journal of High Energy Physics, 2022, 2022, 1.	4.7	8
3	Sivers asymmetry in inelastic J/ψ lepton production at the EIC. SciPost Physics Proceedings, 2022, , .	0.4	0
4	Λ Polarizing Fragmentation Function from Belle e^+e^- data. SciPost Physics Proceedings, 2022, , .	0.4	0
5	General helicity formalism for two-hadron production in e^+e^- annihilation within a TMD approach. Journal of High Energy Physics, 2021, 2021, 1.	4.7	9
6	First extraction of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi mathvariant="normal"} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ polarizing fragmentation function from Belle $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{data. Physical Review D, 2020, 102, 014004. SciPost Physics Proceedings, 2022, , .$	4.7	23
7	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{stretchy="false"} \rangle \hat{\text{p}} \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{stretchy="false"} \rangle \hat{\text{p}} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle X \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$	4.7	15
8	Role of the Soffer bound in determination of transversity and the tensor charge. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 803, 135347.	4.1	19
9	J/ψ meson production in SIDIS: matching high and low transverse momentum. Journal of High Energy Physics, 2020, 2020, 1.	4.7	23
10	Unraveling the gluon Sivers function in hadronic collisions at RHIC. Physical Review D, 2019, 99, .	4.7	32
11	Azimuthal asymmetries in semi-inclusive $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle J \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \bar{\text{p}} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{jet} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ production at an EIC. Physical Review D, 2019, 100, .	4.7	34
12	Single-spin asymmetries in $p \rightarrow \text{p} \rightarrow J/\psi + X$ within a TMD approach: role of the color octet mechanism. European Physical Journal C, 2019, 79, 1.	3.9	15
13	Transverse single-spin asymmetries in $\hat{\text{p}} \rightarrow \hat{\text{p}} \rightarrow \text{h} X$ within a TMD approach: Role of quasireal photon exchange. Physical Review D, 2017, 95, .	4.7	6
14	Testing the universality of the Collins function in pion-jet production at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 300-306.	4.1	17
15	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \text{stretchy="false"} \rangle \hat{\text{p}} \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{stretchy="false"} \rangle \hat{\text{p}} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle J \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \bar{\text{p}} \langle \text{mml:mi} \rangle \langle \text{mml:mtext} \rangle \hat{\text{p}} \langle \text{mml:mtext} \rangle \langle \text{mml:mi} \rangle X \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \text{Physical Review D, 2017, 95, .$	4.7	44
16	Azimuthal asymmetries in $\hat{\text{p}} \rightarrow \hat{\text{p}} \rightarrow \text{jet} \in X$. EPJ Web of Conferences, 2015, 85, 02032.	0.3	0
17	Non-perturbative QCD effects in $q T$ spectra of Drell-Yan and Z-boson production. Journal of High Energy Physics, 2014, 2014, 1.	4.7	54
18	Collins and sivers effects in $\hat{\text{p}} \rightarrow \hat{\text{p}} \rightarrow \text{jet} \in X$: Universality and process dependence. Physics of Particles and Nuclei, 2014, 45, 676-691.	0.7	12

#	ARTICLE	IF	CITATIONS
19	Azimuthal asymmetries for hadron distributions inside a jet in hadronic collisions. Physical Review D, 2011, 83, .	4.7	38
20	Azimuthal asymmetries for hadron distributions inside a jet in hadronic collisions. Journal of Physics: Conference Series, 2011, 295, 012064.	0.4	1
21	Single-spin asymmetries: The Trento conventions. Physical Review D, 2004, 70, .	4.7	280
22	Parton intrinsic motion in inclusive particle production: unpolarized cross sections, single spin asymmetries, and the Sivers effect. Physical Review D, 2004, 70, .	4.7	115