

Ahmed Ali

List of Publications by Year in descending order

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83
papers

4,543
citations

126907

33
h-index

98798

67
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95
all docs

95
docs citations

95
times ranked

3375
citing authors

#	ARTICLE	IF	CITATIONS
1	Interpretation of $Y(10750)$ as a tetraquark and its production mechanism. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135217.	4.1	13
2	Transverse energy-energy correlations of jets in the electron-proton deep inelastic scattering at HERA. European Physical Journal C, 2020, 80, 1.	3.9	6
3	Spin-parity assignments of excited Λ_{cb}^* -baryons in the Quark-Diquark Model. Journal of Physics: Conference Series, 2020, 1690, 012163.	0.4	0
4	Impact of weak annihilation contribution on rare semileptonic $B \rightarrow \bar{c} \ell^+ \nu_c$ decay. Journal of Physics: Conference Series, 2020, 1690, 012162.	0.4	1
5	Prospects of Discovering Stable Double-Bottom Tetraquarks. Physics of Particles and Nuclei Letters, 2019, 16, 481-485.	0.4	1
6	Interpretation of the narrow $J/\psi \rightarrow p$ peaks in $\Lambda_{cb}^* \rightarrow J/\psi p K^0$ decay in the compact diquark model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 365-371.	4.1	84
7	XYZ and Pc Phenomenology. , 2019, , 14-29.		0
8	Color Forces and Constituent Quark Model. , 2019, , 30-46.		0
9	Hadron Molecules. , 2019, , 47-63.		0
10	Light Scalar Mesons. , 2019, , 64-77.		0
11	Mass Formulae for P-Wave, qq Mesons. , 2019, , 78-82.		0
12	Compact Tetraquarks. , 2019, , 83-95.		0
13	The $Xu \rightarrow Xd$ Puzzle. , 2019, , 96-104.		0
14	Y States as P -Wave Tetraquarks. , 2019, , 105-112.		0
15	Pentaquark Models. , 2019, , 113-131.		0
16	Tetraquarks in Large N QCD. , 2019, , 132-146.		0
17	QCD Sum Rules and Lattice QCD. , 2019, , 147-157.		0
18	Phenomenology of Beauty Quark Exotics. , 2019, , 158-170.		0

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19	Hidden Heavy Flavor Tetraquarks: Overview. , 2019, , 171-172.		0
20	Tetraquarks with Double Heavy Quarks. , 2019, , 173-204.		0
21	Mass spectrum of the hidden-charm pentaquarks in the compact diquark model. Journal of High Energy Physics, 2019, 2019, 1.	4.7	30
22	Discovery potential of stable and near-threshold doubly heavy tetraquarks at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 605-609.	4.1	74
23	Prospects of discovering stable double-heavy tetraquarks at a Tera-Z factory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 412-420.	4.1	69
24	A new look at the Υ tetraquarks and Ω_{cc} baryons in the diquark model. European Physical Journal C, 2018, 78, 1.	3.9	38
25	Precision tests of the Standard Model: Rare B-meson decays. International Journal of Modern Physics A, 2017, 32, 1741015.	1.5	1
26	Exotics: Heavy pentaquarks and tetraquarks. Progress in Particle and Nuclear Physics, 2017, 97, 123-198.	14.4	390
27	$B_c \rightarrow \Lambda_c^+ \eta$ into tetraquarks. Physical Review D, 2016, 94, .		
28	Transverse energy-energy correlations at next-to-leading order in \hat{s} at the LHC. Nuclear and Particle Physics Proceedings, 2016, 273-275, 2764-2766.	0.5	0
29	Rare B-meson decays at the crossroads. International Journal of Modern Physics A, 2016, 31, 1630036.	1.5	5
30	Heavy quark symmetry and weak decays of the B_c baryons in pentaquarks with a B_c component. Physical Review D, 2016, 94, .	4.7	34
31	Model-independent analysis of $B \rightarrow \eta' \pi^0$, $B \rightarrow \eta \pi^0$ decays. Physics of Atomic Nuclei, 2015, 78, 436-439.	0.4	2
32	Improved estimates of the B_c baryon production cross section. Physical Review D, 2015, 91, .	4.7	45
33	Hidden-beauty charged tetraquarks and heavy quark spin conservation. Physical Review D, 2015, 91, .	4.7	31
34	Precise calculation of the dilepton invariant-mass spectrum and the decay rate in $B_c \rightarrow \eta' \pi^0$ the SM. Physical Review D, 2014, 89, .	4.7	110
35	Light-cone distribution amplitudes of the ground state bottom baryons in HQET. European Physical Journal C, 2013, 73, 1.	3.9	29
36	Hadroproduction of B_c baryons in the SM. Physical Review D, 2013, 87, 1.	4.7	12

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37	Transverse energy-energy correlations in next-to-leading order in \hat{s} at the LHC. Physical Review D, 2012, 86	4.7	14
38	Tetraquark interpretation of the charged bottomonium-like states Z_{bc}^{\pm} . Physical Review D, 2012, 86	4.7	14
39	Light-cone wave functions of heavy baryons. Theoretical and Mathematical Physics (Russian) Tj ETQq1 1 0.784314	0.9	9
40	Improved sensitivity to charged Higgs searches in top quark decays $t \rightarrow bH^{\pm} + \bar{t} \rightarrow b^{\pm} H^{\pm}$ at the LHC using \bar{t} , polarisation and multivariate techniques. European Physical Journal C, 2011, 71, 1.	3.9	10
41	JETS and QCD: a historical review of the discovery of the quark and gluon jets and its impact on QCD. European Physical Journal H, 2011, 36, 245-326.	0.8	32
42	Tetraquark-Based Analysis and Predictions of the Cross Sections and Distributions for the Processes $e^+e^- \rightarrow Z^0 b\bar{b} + c\bar{c}$. Physical Review D, 2012, 86	4.7	14

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55	Improved model-independent analysis of semileptonic and radiative rare B decays. Physical Review D, 2002, 66, .	4.7	198
56	Branching ratios for $B \rightarrow K^* \gamma$ and $B \rightarrow \rho \gamma$ decays in next-to-leading order in the Large Energy Effective Theory. European Physical Journal C, 2002, 23, 89-112.	3.9	124
57	Helicity analysis of the decays $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow \rho \ell^+ \ell^-$ in the large energy effective theory. European Physical Journal C, 2002, 25, 583-601.	3.9	17
58	Comparative study of the decays $B \rightarrow (K, K^*) \ell^+ \ell^-$ in the standard model and supersymmetric theories. Physical Review D, 2000, 61, .	4.7	364
59	Precision flavour physics and supersymmetry. Physics Reports, 1999, 320, 79-106.	25.6	16
60	Experimental tests of factorization in charmless nonleptonic two-body B decays. Physical Review D, 1998, 58, .	4.7	414
61	Analysis of two-body nonleptonic B decays involving light mesons in the standard model. Physical Review D, 1998, 57, 2996-3016.	4.7	174
62	CP-violating asymmetries in charmless nonleptonic decays $B \rightarrow PP, PV, VV$ in the factorization approach. Physical Review D, 1998, 59, .	4.7	119
63	Forward-backward asymmetry of dilepton angular distribution in the decay $b \rightarrow s \ell^+ \ell^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 273, 505-512.	4.1	257
64	Exclusive rare B-decays in the heavy quark limit. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 264, 447-454.	4.1	69
65	Transverse energy-energy correlations: A test of perturbative QCD for the proton-antiproton collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 141, 447-454.	4.1	25
66	Energy-energy correlations in e^+e^- annihilation. Nuclear Physics B, 1984, 236, 269-310.	2.5	40
67	An $O(\epsilon^2)$ calculation of energy-energy correlation in e^+e^- annihilation and comparison with experimental data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 118, 155-161.	4.1	71
68	The QCD effective coupling constant in e^+e^- annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 110, 67-72.	4.1	27
69	A QCD analysis of the high energy e^+e^- data from PETRA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1980, 93, 155-160.	4.1	171
70	QCD predictions for four-jet final states in e^+e^- annihilation. Nuclear Physics B, 1980, 167, 454-478.	2.5	103
71	Four-jet production in e^+e^- -annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1979, 82, 285-288.	4.1	79
72	Indications of b production and decay at PETRA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1979, 83, 375-378.	4.1	12

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73	Weak mixing and CP violation involving heavy quarks and possible measurements in e^+e^- experiments. Nuclear Physics B, 1979, 148, 165-188.	2.5	49
74	Semileptonic decays of heavy quarks in quantum chromodynamics. Nuclear Physics B, 1979, 154, 519-534.	2.5	136
75	Nonleptonic weak decays of bottom mesons. Zeitschrift für Physik C-Particles and Fields, 1979, 1, 269-277.	1.5	101
76	Jet-like distributions from the weak decay of heavy quarks. Zeitschrift für Physik C-Particles and Fields, 1979, 1, 203-213.	1.5	33
77	K form factors and the (8,8) model of chiral symmetry breaking—Unitarized version. Annals of Physics, 1976, 102, 448-457.	2.8	0
78	K_{l3} form factors and (8, 8) model of chiral symmetry breaking. Annals of Physics, 1975, 89, 441-450.	2.8	1
79	Finite Yang-Mills theories and the Bjorken-Johnson-Low limit. Physical Review D, 1975, 11, 336-340.	4.7	2
80	Asymptotic freedom of Yang-Mills fields in the Coulomb gauge. Physical Review D, 1975, 12, 503-507.	4.7	8
81	Unitarized hard-meson calculation of K_{l3} form factors. Annals of Physics, 1974, 87, 40-59.	2.8	2
82	Anomalous Ward Identities and π^0 -Meson Decays. Physical Review D, 1971, 3, 1206-1213.	4.7	7
83	Off-Mass-Shell Effects in $\pi^0 \rightarrow 3\pi^0$ Decay. Physical Review D, 1971, 3, 1214-1217.	4.7	2