

Ahmed Ali

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3324159/publications.pdf>

Version: 2024-02-01

83
papers

4,543
citations

126907

33
h-index

98798

67
g-index

95
all docs

95
docs citations

95
times ranked

3375
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental tests of factorization in charmless nonleptonic two-body B decays. Physical Review D, 1998, 58, .	4.7	414
2	Exotics: Heavy pentaquarks and tetraquarks. Progress in Particle and Nuclear Physics, 2017, 97, 123-198.	14.4	390
3	Comparative study of the decays $B \rightarrow (K, K^*) l \bar{l}$ in the standard model and supersymmetric theories. Physical Review D, 2000, 61, .	4.7	364
4	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
5	Improved model-independent analysis of semileptonic and radiative rare B decays. Physical Review D, 2002, 66, .	4.7	224
6	Analysis of two-body nonleptonic B decays involving light mesons in the standard model. Physical Review D, 1998, 57, 2996-3016.	4.7	198
7	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	174
8	Semileptonic decays of heavy quarks in quantum chromodynamics. Nuclear Physics B, 1979, 154, 519-534.	2.5	171
9	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	136
10	CP-violating asymmetries in charmless nonleptonic decays $B \rightarrow PP, PV, VV$ in the factorization approach. Physical Review D, 1998, 59, .	4.7	124
11	Precise calculation of the dilepton invariant-mass spectrum and the decay rate in $B \rightarrow \ell^+ \ell^- \gamma$ decays in the SM. Physical Review D, 2014, 89, .	4.7	119
12	QCD predictions for four-jet final states in e^+e^- annihilation. Nuclear Physics B, 1980, 167, 454-478.	2.5	110
13	Nonleptonic weak decays of bottom mesons. Zeitschrift für Physik C-Particles and Fields, 1979, 1, 269-277.	1.5	103
14	Tetraquark interpretation of the charged bottomonium-like states Z_b^\pm . Physical Review D, 2011, 84, 074002.	4.7	101
15	Interpretation of the narrow $J/\psi \rightarrow p \bar{p}$ peaks in $\psi(3740) \rightarrow p \bar{p} K^0$ decay in the compact diquark model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 365-371.	4.1	84
16	A case for hidden tetraquarks based on cross section between and 11.20 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 684, 28-39.	4.1	83
17	Tetraquark Interpretation of the BELLE Data on the Anomalous $B \rightarrow \ell^+ \ell^- \gamma$ Decays. Physical Review D, 2011, 84, 074002.	4.7	83
18	Improved model-independent analysis of semileptonic and radiative rare B decays. Physical Review D, 2002, 66, .	4.7	83

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
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	$B \rightarrow K^* \ell^+ \ell^-$ decay in soft-collinear effective theory. European Physical Journal C, 2006, 47, 625-641.	3.9	51
25	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
26	Towards $B \rightarrow V \ell^+ \ell^-$ decays at NNLO in SCET. European Physical Journal C, 2008, 55, 577-595.	3.9	49
27	Implication of the $B \rightarrow V \ell^+ \ell^-$ branching ratios for the CKM phenomenology. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 323-338.	4.1	46
28	Tetraquark-Based Analysis and Predictions of the Cross Sections and Distributions for the Processes $e^+e^- \rightarrow S \ell^+ \ell^-$		

#	ARTICLE	IF	CITATIONS
37	Mass spectrum of the hidden-charm pentaquarks in the compact diquark model. Journal of High Energy Physics, 2019, 2019, 1.	4.7	30
38	Light-cone distribution amplitudes of the ground state bottom baryons in HQET. European Physical Journal C, 2013, 73, 1.	3.9	29
39	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
40	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
41	An analysis of the time-dependent CP asymmetry in $B^0 \rightarrow \pi^+ \pi^-$ decays in the standard model. European Physical Journal C, 2004, 36, 183-200.	3.9	21
42	$B_c \rightarrow \pi^+ \pi^-$ into tetraquarks. Physical Review D, 2016, 94, .	3.9	21
43	REVIEW OF HEAVY QUARK PHYSICS – THEORY. International Journal of Modern Physics A, 2005, 20, 5080-5094.	1.5	18
44	Helicity analysis of the decays $B^0 \rightarrow K^{*+} \ell^- \ell^+$ and $B^0 \rightarrow \rho^0 \ell^- \ell^+$ in the large energy effective theory. European Physical Journal C, 2002, 25, 583-601.	3.9	17
45	Precision flavour physics and supersymmetry. Physics Reports, 1999, 320, 79-106.	25.6	16
46	Transverse energy-energy correlations in next-to-leading order in α_s at the LHC. Physical Review D, 2012, 86, .	4.7	14
47	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
48	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
49	Radiatively corrected lepton energy distributions in $t \rightarrow b W$ and $t \rightarrow b H$ decays. European Physical Journal C, 2010, 67, 377-395.	4.7	12
50	Improved sensitivity to charged Higgs searches in top quark decays $t \rightarrow b W$ and $t \rightarrow b H$ at the LHC using \bar{l} , polarisation and multivariate techniques. European Physical Journal C, 2011, 71, 1.	3.9	10
51	Light-cone wave functions of heavy baryons. Theoretical and Mathematical Physics (Russian)	3.9	10
52	Asymptotic freedom of Yang-Mills fields in the Coulomb gauge. Physical Review D, 1975, 12, 503-507.	4.7	8
53	Search for gauge extensions of the MSSM at the LHC. Physical Review D, 2009, 79, .	4.7	8

#	ARTICLE	IF	CITATIONS
55	Methods of measuring the CKM matrix element $\langle m \rangle$. <i>Physical Review D</i> , 1971, 3, 1206-1213. <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:tbl="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/common/struct-bib/dtd"</small>	4.1	8
56	Anomalous Ward Identities and π^0 -Meson Decays. <i>Physical Review D</i> , 1971, 3, 1206-1213.	4.7	7
57	Transverse energy energy correlations of jets in the electron-proton deep inelastic scattering at HERA. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	6
58	Rare B-meson decays at the crossroads. <i>International Journal of Modern Physics A</i> , 2016, 31, 1630036.	1.5	5
59	Off-Mass-Shell Effects in π^0 Decay. <i>Physical Review D</i> , 1971, 3, 1214-1217.	4.7	2
60	Unitarized hard-meson calculation of K_{l3} form factors. <i>Annals of Physics</i> , 1974, 87, 40-59.	2.8	2
61	Finite Yang-Mills theories and the Bjorken-Johnson-Low limit. <i>Physical Review D</i> , 1975, 11, 336-340.	4.7	2
62	Model-independent analysis of $B \rightarrow \pi^+ \pi^0$, $B \rightarrow \pi^+ \pi^+$ decays. <i>Physics of Atomic Nuclei</i> , 2015, 78, 436-439.	0.4	2
63	K_{l3} form factors and (8, 8) model of chiral symmetry breaking. <i>Annals of Physics</i> , 1975, 89, 441-450.	2.8	1
64	Precision tests of the Standard Model: Rare B-meson decays. <i>International Journal of Modern Physics A</i> , 2017, 32, 1741015.	1.5	1
65	Prospects of Discovering Stable Double-Bottom Tetraquarks. <i>Physics of Particles and Nuclei Letters</i> , 2019, 16, 481-485.	0.4	1
66	Impact of weak annihilation contribution on rare semileptonic $B \rightarrow \pi^+ \pi^0$ decay. <i>Journal of Physics: Conference Series</i> , 2020, 1690, 012162.	0.4	1
67	K form factors and the (8,8) model of chiral symmetry breaking—Unitarized version. <i>Annals of Physics</i> , 1976, 102, 448-457.	2.8	0
68	Transverse energy-energy correlations at next-to-leading order in \hat{s} at the LHC. <i>Nuclear and Particle Physics Proceedings</i> , 2016, 273-275, 2764-2766.	0.5	0
69	XYZ and P_c Phenomenology. , 2019, , 14-29.		0
70	Color Forces and Constituent Quark Model. , 2019, , 30-46.		0
71	Hadron Molecules. , 2019, , 47-63.		0
72	Light Scalar Mesons. , 2019, , 64-77.		0

#	ARTICLE	IF	CITATIONS
73	Mass Formulae for P-Wave, qq Mesons. , 2019, , 78-82.		0
74	Compact Tetraquarks. , 2019, , 83-95.		0
75	The $Xu \rightarrow Xd$ Puzzle. , 2019, , 96-104.		0
76	Y States as P -Wave Tetraquarks. , 2019, , 105-112.		0
77	Pentaquark Models. , 2019, , 113-131.		0
78	Tetraquarks in Large N QCD. , 2019, , 132-146.		0
79	QCD Sum Rules and Lattice QCD. , 2019, , 147-157.		0
80	Phenomenology of Beauty Quark Exotics. , 2019, , 158-170.		0
81	Hidden Heavy Flavor Tetraquarks: Overview. , 2019, , 171-172.		0
82	Tetraquarks with Double Heavy Quarks. , 2019, , 173-204.		0
83	Spin-parity assignments of excited Λ_c^* -baryons in the Quark-Diquark Model. Journal of Physics: Conference Series, 2020, 1690, 012163.	0.4	0