

Hxchen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

100
papers

2,824
citations

26
h-index

51
g-index

116
ext. papers

3,885
ext. citations

4.4
avg, IF

5.83
L-index

#	Paper	IF	Citations
100	Decay properties of the X(3872) through the Fierz rearrangement. <i>Communications in Theoretical Physics</i> , 2022 , 74, 025201	2.4	0
99	New hadron configuration: The double-gluon hybrid state. <i>Physical Review D</i> , 2022 , 105,	4.9	1
98	QCD Axial Anomaly Enhances the η Decay of the Hybrid Candidate $\eta(1855)$. <i>Chinese Physics Letters</i> , 2022 , 39, 051201	1.8	1
97	Two- and three-gluon glueballs of $C=+$. <i>Physical Review D</i> , 2021 , 104,	4.9	1
96	Exotic Ξ baryon states in a molecular picture *. <i>Chinese Physics C</i> , 2021 , 45, 041002	2.2	1
95	Toward the existence of the odderon as a three-gluon bound state. <i>Physical Review D</i> , 2021 , 103,	4.9	3
94	Establishing the first hidden-charm pentaquark with strangeness. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	13
93	Investigation of the stability for fully-heavy $bc\bar{b}\bar{c}$ tetraquark states. <i>Physical Review D</i> , 2021 , 104,	4.9	1
92	Exotic molecular states and tetraquark states with $JP = 0+, 1+, 2+$ *. <i>Chinese Physics C</i> , 2021 , 45, 093102	2.2	4
91	Strong decays of fully-charm tetraquarks into di-charmonia. <i>Science Bulletin</i> , 2020 , 65, 1994-2000	10.6	27
90	Excited Ξ_0 baryons within the QCD sum rule approach. <i>Physical Review D</i> , 2020 , 102,	4.9	1
89	Chiral $SU(3)_C \times SU(3)_F$ symmetry of baryons with one charmed quark. <i>Physical Review D</i> , 2020 , 101,	4.9	1
88	Decay properties of (P_c) states through the Fierz rearrangement. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	4
87	Decay properties of P-wave bottom baryons within light-cone sum rules. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	11
86	Electromagnetic Transitions of Doubly Charmed Baryons Within Light-Cone Sum Rules. <i>Springer Proceedings in Physics</i> , 2020 , 681-684	0.2	
85	Decay properties of the $Z_c(3900)$ through the Fierz rearrangement. <i>Chinese Physics C</i> , 2020 , 44, 114003	2.2	2
84	$X(0(2900))$ and $X(1(2900))$: Hadronic Molecules or Compact Tetraquarks. <i>Chinese Physics Letters</i> , 2020 , 37, 101201	1.8	21

83	Identifying the $B(6146)0$ and $B(6152)0$ as D-Wave Bottom Baryons. <i>Universe</i> , 2020 , 6, 86	2.5	0
82	P-wave bottom baryons of the SU(3) flavor 6F. <i>Physical Review D</i> , 2020 , 101,	4.9	4
81	QCD sum rule studies on the $(s s \bar{s} \bar{s})$ tetraquark states of $(J^{PC} = 0^{-+})$. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	5
80	Excited (\varOmega_b) baryons and fine structure of strong interaction. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	7
79	Triangle singularity in the $(J/\psi \rightarrow K^+ K^- f_0(980)(a_0(980)))$ decays. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	12
78	Identifying the $B(6227)$ and $B(6097)$ as P-wave bottom baryons of $JP=3/2^-$ <i>Physical Review D</i> , 2019 , 99,	4.9	20
77	Settling the $Z_c(4600)$ in the charged charmoniumlike family. <i>Physical Review D</i> , 2019 , 99,	4.9	10
76	Pentaquark and Tetraquark States. <i>Progress in Particle and Nuclear Physics</i> , 2019 , 107, 237-320	10.6	218
75	Revisiting hidden-charm pentaquarks from QCD sum rules. <i>Chinese Physics C</i> , 2019 , 43, 034104	2.2	7
74	QCD sum rule studies of $(s s \bar{s} \bar{s})$ tetraquark states with $(J^{PC} = 1^{-+})$. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	12
73	Possible interpretations of the $P_c(4312)$, $P_c(4440)$, and $P_c(4457)$. <i>Physical Review D</i> , 2019 , 100,	4.9	59
72	Suggested search for doubly charmed baryons of $JP=3/2^+$ via their electromagnetic transitions. <i>Physical Review D</i> , 2018 , 97,	4.9	16
71	Doubly hidden-charm/bottom $QQQQ$ tetraquark states. <i>EPJ Web of Conferences</i> , 2018 , 182, 02028	0.3	9
70	Possible partner state of the $Y(2175)$. <i>Physical Review D</i> , 2018 , 98,	4.9	16
69	D-Wave Heavy Baryons from QCD Sum Rules. <i>International Journal of Modern Physics Conference Series</i> , 2018 , 46, 1860083	0.7	0
68	A review of the open charm and open bottom systems. <i>Reports on Progress in Physics</i> , 2017 , 80, 076201	14.4	182
67	Establishing low-lying doubly charmed baryons. <i>Physical Review D</i> , 2017 , 96,	4.9	38
66	Understanding the internal structures of $X(4140)$, $X(4274)$, $X(4500)$ and $X(4700)$. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	25

65	Hunting for exotic doubly hidden-charm/bottom tetraquark states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 773, 247-251	4.2	66
64	D-wave heavy baryons of the SU(3) flavor 6F representation. <i>Physical Review D</i> , 2017 , 96,	4.9	20
63	Mass spectra for $qqc\bar{c}$, $scs\bar{c}$, $qbq\bar{b}$, $sbs\bar{b}$ tetraquark states with $JPC=0^{++}$ and 2^{++} . <i>Physical Review D</i> , 2017 , 96,	4.9	14
62	Decay properties of P-wave charmed baryons from light-cone QCD sum rules. <i>Physical Review D</i> , 2017 , 95,	4.9	65
61	Open-flavor charm and bottom $sq\bar{q}Q$ and $qq\bar{q}Q$ tetraquark states. <i>Physical Review D</i> , 2017 , 95,	4.9	10
60	Predictions for pentaquark states of hidden charm molecular nature and comparison with experiment. <i>EPJ Web of Conferences</i> , 2016 , 130, 06004	0.3	
59	Looking for a hidden-charm pentaquark state with strangeness $S=-1$ from $B\bar{D}$ decay into J/ψ	2.7	38
58	Baryon fields with $U(3)\times R(3)$ chiral symmetry. V. Pion-nucleon and kaon-nucleon π terms. <i>Physical Review C</i> , 2016 , 93,	2.7	10
57	Hidden-charm pentaquark state in $B\bar{D}^*/\bar{B}D^*$ decay. <i>Physical Review D</i> , 2016 , 93,	4.9	25
56	$\bar{D}(2595)$ resonance as a dynamically generated state: The compositeness condition and the large N_c evolution. <i>Physical Review D</i> , 2016 , 93,	4.9	7
55	D-wave charmed and bottomed baryons from QCD sum rules. <i>Physical Review D</i> , 2016 , 94,	4.9	49
54	Searching for hidden-charm baryonium signals in QCD sum rules. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	6
53	QCD sum rule study of hidden-charm pentaquarks. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	39
52	The hidden-charm pentaquark and tetraquark states. <i>Physics Reports</i> , 2016 , 639, 1-121	27.7	600
51	Weak decays of heavy hadrons into dynamically generated resonances. <i>International Journal of Modern Physics E</i> , 2016 , 25, 1630001	0.7	66
50	Study of reactions disclosing hidden charm pentaquarks with or without strangeness. <i>Nuclear Physics A</i> , 2016 , 954, 371-392	1.3	13
49	Decoding the X(5568) as a Fully Open-Flavor $\bar{u}d$ Tetraquark State. <i>Physical Review Letters</i> , 2016 , 117, 022002	7.4	42
48	QCD sum rule study of the $d^*(2380)$. <i>Physical Review C</i> , 2015 , 91,	2.7	26

47	P-wave charmed baryons from QCD sum rules. <i>Physical Review D</i> , 2015 , 91,	4.9	67
46	Study of hadrons using the Gaussian functional method in the O (4) linear σ model. <i>Chinese Physics C</i> , 2015 , 39, 064103	2.2	0
45	$a_1(1420)$ resonance as a tetraquark state and its isospin partner. <i>Physical Review D</i> , 2015 , 91,	4.9	14
44	$K\bar{K}$ interaction in finite volume and the K^* resonance. <i>Physical Review D</i> , 2015 , 91,	4.9	3
43	S-wave KK^* interactions in a finite volume and the $F_1(1285)$. <i>Physical Review D</i> , 2015 , 92,	4.9	11
42	Dynamically generated $J^P=1/2^{\pm}$ singly charmed and bottom heavy baryons. <i>Physical Review D</i> , 2015 , 92,	4.9	43
41	Mass spectra of Z_c and Z_b exotic states as hadron molecules. <i>Physical Review D</i> , 2015 , 92,	4.9	31
40	QCD sum rule calculation for P-wave bottom baryons. <i>Physical Review D</i> , 2015 , 92,	4.9	50
39	F-wave heavy-light meson spectroscopy in QCD sum rules and heavy quark effective theory. <i>Physical Review D</i> , 2015 , 92,	4.9	12
38	Towards Exotic Hidden-Charm Pentaquarks in QCD. <i>Physical Review Letters</i> , 2015 , 115, 172001	7.4	142
37	$(Z_c(4200)^+)$ decay width as a charmonium-like tetraquark state. <i>European Physical Journal C</i> , 2015 , 75, 1	4.2	23
36	Chiral Structure of Baryon and Scalar Tetraquark Currents. <i>EPJ Web of Conferences</i> , 2014 , 66, 06004	0.3	
35	Study of the Σ system in a finite volume. <i>International Journal of Modern Physics Conference Series</i> , 2014 , 29, 1460243	0.7	
34	THE Σ MESON IN FINITE VOLUME. <i>International Journal of Modern Physics Conference Series</i> , 2014 , 26, 1460058	0.7	
33	D-wave heavy-light mesons from QCD sum rules. <i>Physical Review D</i> , 2014 , 90,	4.9	22
32	Pseudoscalar meson and vector meson interactions and dynamically generated axial-vector mesons. <i>Physical Review D</i> , 2014 , 90,	4.9	31
31	Chiral structure of vector and axial-vector tetraquark currents. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	9
30	Chiral Structure of Scalar and Pseudoscalar Mesons. <i>Advances in High Energy Physics</i> , 2013 , 2013, 1-44	1	2

29	Bilocal baryon interpolating fields with three flavors. <i>Physical Review D</i> , 2013 , 88,	4.9	3
28	Σ interaction in the Σ channel in finite volume. <i>Physical Review D</i> , 2013 , 87,	4.9	19
27	Baryon tri-local interpolating fields. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	5
26	Chiral baryon fields in the QCD sum rule. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	10
25	The Ω -closed chiral symmetry and its application to tetraquark. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	7
24	Baryon fields with $U_L(3) \times U_R(3)$ chiral symmetry. IV. Interactions with chiral $(8,1) \oplus (1,8)$ vector and axial-vector mesons and anomalous magnetic moments. <i>Physical Review C</i> , 2012 , 85,	2.7	13
23	The $pp \rightarrow p\bar{K}^+$ and $pp \rightarrow p\bar{0}K^+$ reactions with chiral dynamics. <i>Physical Review C</i> , 2011 , 84,	2.7	6
22	Σ and Λ molecules with $JP = 5/2^+$ and $JP = 7/2^+$. <i>European Physical Journal A</i> , 2011 , 47, 1	2.5	5
21	Bi-local baryon interpolating fields with two flavors. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	6
20	Decay properties of the $1\bar{3}$ hybrid state. <i>Physical Review D</i> , 2011 , 83,	4.9	10
19	Strong decay patterns of the $1\bar{3}$ exotic hybrid mesons. <i>Physical Review D</i> , 2011 , 83,	4.9	8
18	Baryon fields with $U_L(3) \times U_R(3)$ chiral symmetry. III. Interactions with chiral $[(3,3) \oplus (3\bar{3})]$ spinless mesons. <i>Physical Review D</i> , 2011 , 83,	4.9	14
17	Baryon fields with $U_L(3) \times U_R(3)$ chiral symmetry: Axial currents of nucleons and hyperons. <i>Physical Review D</i> , 2010 , 81,	4.9	19
16	Pseudoscalar mesons in the $SU(3)$ linear sigma model with Gaussian functional approximation. <i>Physical Review D</i> , 2010 , 82,	4.9	3
15	Light scalar meson $(\bar{6}00)$ in QCD sum rule with continuum. <i>Physical Review D</i> , 2010 , 81,	4.9	14
14	Possible $JPC=0^{--}$ exotic state. <i>Physical Review D</i> , 2009 , 79,	4.9	13
13	Light vector meson and heavy baryon strong interaction. <i>Physical Review D</i> , 2009 , 80,	4.9	12
12	$IGJPC=1\bar{1}\bar{3}$ tetraquark states. <i>Physical Review D</i> , 2008 , 78,	4.9	29

11	Y(2175) state in the QCD sum rule. <i>Physical Review D</i> , 2008 , 78,	4.9	42
10	Chiral properties of baryon fields with flavor SU(3) symmetry. <i>Physical Review D</i> , 2008 , 78,	4.9	36
9	IGJPC=0+1 $\mathbb{1}$ tetraquark state. <i>Physical Review D</i> , 2008 , 78,	4.9	13
8	Bottom baryons. <i>Physical Review D</i> , 2008 , 77,	4.9	84
7	SCALAR TETRAQUARK CURRENTS WITH APPLICATION TO THE QCD SUM RULE. <i>Modern Physics Letters A</i> , 2008 , 23, 2234-2237	1.3	5
6	Light scalar tetraquark mesons in the QCD sum rule. <i>Physical Review D</i> , 2007 , 76,	4.9	57
5	QCD sum rule study of the masses of light tetraquark scalar mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 650, 369-372	4.2	43
4	Light Scalar Mesons in the QCD Sum Rule. <i>Progress of Theoretical Physics Supplement</i> , 2007 , 168, 186-189		1
3	Exotic tetraquark $uds\bar{b}$ of JP=0+ in the QCD sum rule. <i>Physical Review D</i> , 2006 , 74,	4.9	40
2	Spin 3/2 pentaquarks. <i>Journal of High Energy Physics</i> , 2005 , 2005, 015-015	5.4	7
1	Establishing low-lying doubly charmed baryons		2