

Wei Chen

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.

54
papers

2,228
citations

23
h-index

47
g-index

59
ext. papers

3,065
ext. citations

5
avg, IF

5.66
L-index

#	Paper	IF	Citations
54	New hadron configuration: The double-gluon hybrid state. <i>Physical Review D</i> , 2022 , 105,	4.9	1
53	Mass of $1\mathbb{H}$ four-quark hybrid mixed states. <i>Physical Review D</i> , 2022 , 105,	4.9	2
52	Two- and three-gluon glueballs of $C=+$. <i>Physical Review D</i> , 2021 , 104,	4.9	1
51	Exotic dibaryon states in a molecular picture *. <i>Chinese Physics C</i> , 2021 , 45, 041002	2.2	1
50	Toward the existence of the odderon as a three-gluon bound state. <i>Physical Review D</i> , 2021 , 103,	4.9	3
49	Establishing the first hidden-charm pentaquark with strangeness. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	13
48	Investigation of the stability for fully-heavy $bc\bar{b}\bar{c}$ tetraquark states. <i>Physical Review D</i> , 2021 , 104,	4.9	1
47	Exotic molecular states and tetraquark states with $JP=0+, 1+, 2+$ *. <i>Chinese Physics C</i> , 2021 , 45, 093102	2.2	4
46	Strong decays of fully-charm tetraquarks into di-charmonia. <i>Science Bulletin</i> , 2020 , 65, 1994-2000	10.6	27
45	Fully open-flavor tetraquark states ($b\bar{c}q\bar{s}$) and ($s\bar{c}q\bar{b}$) with $(J^P)=0^{++}, 1^{++}$. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	6
44	$X_0(2900)$ and $X_1(2900)$: Hadronic Molecules or Compact Tetraquarks. <i>Chinese Physics Letters</i> , 2020 , 37, 101201	1.8	21
43	Settling the $Z_c(4600)$ in the charged charmoniumlike family. <i>Physical Review D</i> , 2019 , 99,	4.9	10
42	Pentaquark and Tetraquark States. <i>Progress in Particle and Nuclear Physics</i> , 2019 , 107, 237-320	10.6	218
41	Revisiting hidden-charm pentaquarks from QCD sum rules. <i>Chinese Physics C</i> , 2019 , 43, 034104	2.2	7
40	QCD sum rule studies of $(s\bar{s}\bar{s}\bar{s})$ tetraquark states with $(J^{PC})=1^{+-}$. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	12
39	Possible interpretations of the $P_c(4312)$, $P_c(4440)$, and $P_c(4457)$. <i>Physical Review D</i> , 2019 , 100,	4.9	59
38	Exotic tetraquark states with $JPC=0^{++}$ <i>Physical Review D</i> , 2019 , 99,	4.9	2

37	Suggested search for doubly charmed baryons of $J^P=3/2^+$ via their electromagnetic transitions. <i>Physical Review D</i> , 2018 , 97,	4.9	16
36	Doubly hidden-charm/bottom QQQQ tetraquark states. <i>EPJ Web of Conferences</i> , 2018 , 182, 02028	0.3	9
35	Mass calculations of light quarkonium, exotic $J^{PC}=0^{++}$ hybrid mesons from Gaussian sum rules. <i>Physical Review D</i> , 2018 , 98,	4.9	5
34	A review of the open charm and open bottom systems. <i>Reports on Progress in Physics</i> , 2017 , 80, 076201	14.4	182
33	Establishing low-lying doubly charmed baryons. <i>Physical Review D</i> , 2017 , 96,	4.9	38
32	Investigation of the light four-quark states with exotic $J^{PC}=0^{++}$ <i>Physical Review D</i> , 2017 , 95,	4.9	9
31	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
30	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
29	Triply heavy QQQq tetraquark states. <i>Physical Review D</i> , 2017 , 96,	4.9	8
28	Mass spectra for $qcq\bar{c}$, $s\bar{c}s\bar{c}$, $qbq\bar{b}$, $s\bar{b}s\bar{b}$ tetraquark states with $J^{PC}=0^{++}$ and 2^{++} . <i>Physical Review D</i> , 2017 , 96,	4.9	14
27	Decay properties of P-wave charmed baryons from light-cone QCD sum rules. <i>Physical Review D</i> , 2017 , 95,	4.9	65
26	Open-flavor charm and bottom $sqq\bar{Q}$ and $qqq\bar{Q}$ tetraquark states. <i>Physical Review D</i> , 2017 , 95,	4.9	10
25	Searching for hidden-charm baryonium signals in QCD sum rules. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	6
24	QCD sum rule study of hidden-charm pentaquarks. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	39
23	The hidden-charm pentaquark and tetraquark states. <i>Physics Reports</i> , 2016 , 639, 1-121	27.7	600
22	Decoding the X(5568) as a Fully Open-Flavor $\bar{u}d\bar{u}$ Tetraquark State. <i>Physical Review Letters</i> , 2016 , 117, 022002	7.4	42
21	QCD sum rule study of the $d^*(2380)$. <i>Physical Review C</i> , 2015 , 91,	2.7	26
20	P-wave charmed baryons from QCD sum rules. <i>Physical Review D</i> , 2015 , 91,	4.9	67

19	Exploring the spectrum of heavy quarkonium hybrids with QCD sum rules. <i>Canadian Journal of Physics</i> , 2015 , 93, 952-955	1.1	2
18	$a_1(1420)$ resonance as a tetraquark state and its isospin partner. <i>Physical Review D</i> , 2015 , 91,	4.9	14
17	Mass spectra of Z_c and Z_b exotic states as hadron molecules. <i>Physical Review D</i> , 2015 , 92,	4.9	31
16	QCD sum rule calculation for P-wave bottom baryons. <i>Physical Review D</i> , 2015 , 92,	4.9	50
15	Towards Exotic Hidden-Charm Pentaquarks in QCD. <i>Physical Review Letters</i> , 2015 , 115, 172001	7.4	142
14	$(Z_c(4200)^+)$ decay width as a charmonium-like tetraquark state. <i>European Physical Journal C</i> , 2015 , 75, 1	4.2	23
13	$(D^*\bar{D}^*)$ molecule interpretation of $(Z_c(4025))$. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	23
12	Masses of the tensor mesons with $JP=2^-$. <i>Nuclear Physics B</i> , 2014 , 887, 201-215	2.8	16
11	Masses of the bottom-charm hybrid $\bar{b}Gc$ states. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 025003	2.9	12
10	Exotic open-flavor $bcq\bar{q}$, $bcs\bar{s}$ and $qcq\bar{b}$, $scs\bar{b}$ tetraquark states. <i>Physical Review D</i> , 2014 , 89,	4.9	36
9	Mass spectrum of heavy quarkonium hybrids. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	23
8	Exotic $QQq\bar{q}$, $QQq\bar{s}$ and $QQs\bar{s}$ states. <i>Physical Review D</i> , 2013 , 87,	4.9	56
7	Possible $J^{PC}=0^{++}$ exotic states. <i>Chinese Physics C</i> , 2013 , 37, 033104	2.2	8
6	QCD sum-rule interpretation of $X(3872)$ with $J^{PC}=1^{++}$ mixtures of hybrid charmonium and $D\bar{D}^*$ molecular currents. <i>Physical Review D</i> , 2013 , 88,	4.9	27
5	Spin-1 charmonium-like states in QCD sum rule. <i>EPJ Web of Conferences</i> , 2012 , 20, 01003	0.3	6
4	Vector and axial-vector charmoniumlike states. <i>Physical Review D</i> , 2011 , 83,	4.9	103
3	Possible $J^{PC}=0^{--}$ charmoniumlike state. <i>Physical Review D</i> , 2010 , 81,	4.9	26
2	Possible $J^{PC}=0^{--}$ exotic state. <i>Physical Review D</i> , 2009 , 79,	4.9	13

1 Establishing low-lying doubly charmed baryons

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