

Nonstandard heavy mesons and baryons: Experimental

Reviews of Modern Physics

90,

DOI: [10.1103/revmodphys.90.015003](https://doi.org/10.1103/revmodphys.90.015003)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The electromagnetic multipole moments of the charged open-flavor $Z_{ar{c}q}$ states. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 055003.	1.4	8
2	Hadronic molecules. Reviews of Modern Physics, 2018, 90, .	16.4	836
3	What is the right formalism to search for resonances?. European Physical Journal C, 2018, 78, 1.	1.4	10
4	Decays of pentaquarks in hadrocharmonium and molecular scenarios. Physical Review D, 2018, 98, .	1.6	10
5	Approximate Hamiltonian for baryons in heavy-flavor QCD. European Physical Journal C, 2018, 78, 1.	1.4	20
6	Khuriã€“Treiman equations for $\pi\pi$ scattering. European Physical Journal C, 2018, 78, 1.	1.4	10
7	Search for beautiful tetraquarks in the $\tilde{\Gamma}(1S)\hat{1}/4+\hat{1}/4\hat{a}''$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1.	1.6	39
8	Possible partner state of the $\Upsilon(1S)$ $\hat{1}/4+\hat{1}/4\hat{a}''$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1.	1.6	26
9	What is the right formalism to search for resonances? II. The pentaquark chain. European Physical Journal C, 2018, 78, 1.	1.4	8
10	Prospects of conventional and exotic bottomonium physics at Belle II. Nuclear and Particle Physics Proceedings, 2018, 300-302, 179-185	0.2	0
11	Spectroscopy of the hidden-charm $\Upsilon(1S)$ $\hat{1}/4+\hat{1}/4\hat{a}''$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1.	1.6	48
12	Strong decays of higher charmonium states into open-charm meson pairs. Physical Review D, 2018, 98, .	1.6	30
13	Are there narrow flavor-exotic tetraquarks in large- $N_c$ QCD?. Physical Review D, 2018, 98, .	1.6	11
14	Baryons under strong magnetic fields or in theories with space-dependent $\hat{1}$ , -term. Physical Review D, 2018, 98, .	1.6	6
15	Evidence for an $\eta_c(1S)\pi^-\hat{1}c(1S)$ $\tilde{\Gamma}$ -resonance in $B^0\rightarrow\eta_c(1S)K^+\pi^-\hat{1}c(1S)$		









#	ARTICLE	IF	CITATIONS
91	Effective Degrees of Freedom in Baryon and Meson Spectroscopy. <i>Few-Body Systems</i> , 2019, 60, 1.	0.7	13
92	Pentaquark and Tetraquark States. <i>Progress in Particle and Nuclear Physics</i> , 2019, 107, 237-320.	5.6	465
93	Production of the $Z^0$ baryon. <i>Physical Review D</i> , 2019, 99, .	1.6	9
94	Hadronic molecular states composed of spin- $\frac{3}{2}$ singly charmed baryons. <i>European Physical Journal A</i> , 2019, 55, 1.	1.0	7
95	Revisiting hidden-charm pentaquarks from QCD sum rules. <i>Chinese Physics C</i> , 2019, 43, 034104.	1.5	11
96	Pentaquark states with the $QQQq\bar{q}$ configuration. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	16
97	QCD sum rule studies of $s\bar{s}$ mesons. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	18
98	The XYZ mesons: what they aren't. <i>EPJ Web of Conferences</i> , 2019, 202, 01003.	0.1	4
99	Status of charmed meson spectroscopy. <i>EPJ Web of Conferences</i> , 2019, 202, 02001.	0.1	6
100	Precision resonance energy scans with the PANDA experiment at FAIR. <i>European Physical Journal A</i> , 2019, 55, 1.	1.0	27
101	Weak decays of the axial-vector tetraquark $T^0$ . <i>Physical Review D</i> , 2019, 99, .	1.6	31
102	Systematic studies of charmonium-, bottomonium-, and $s\bar{s}$ -like tetraquark states. <i>Physical Review D</i> , 2019, 99, .	1.6	36
103	Determination of the Pole Position of the Lightest Hybrid Meson Candidate. <i>Physical Review Letters</i> , 2019, 122, 042002.	2.9	56
104	Variable Lande splitting factor and Composite Fermion. <i>Modern Physics Letters A</i> , 2019, 34, 1950302.	0.5	0
105	The New Results from Multi-quark Exotic States Searches at D0 Experiment. <i>Journal of Physics: Conference Series</i> , 2019, 1390, 012035.	0.3	0
106	Molecular $\Xi_{bc}$ states from meson-baryon interaction. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	16
107	Mass spectrum of the hidden-charm pentaquarks in the compact diquark model. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	30
108	Production of $X^0$ baryon at the LHC. <i>Physical Review D</i> , 2019, 100, .	5.7	108

#	ARTICLE	IF	CITATIONS
109	Scattering amplitudes from finite-volume spectral functions. Physical Review D, 2019, 100, .	1.6	34
110	Decay modes of the scalar exotic meson $T$ . Physical Review D, 2019, 100, .	1.6	10
111	Estimates of the $X(3872)$ as virtual companion pole of the charm-anticharm state $\chi_{c1}(2P)$ . International Journal of Modern Physics A, 2019, 34, 1950173.	1.6	6
112	Radial and orbital Regge trajectories in heavy quarkonia. Physical Review D, 2019, 100, .	1.6	19
114	Triangle singularity in the production of $X(3872)$ . Physical Review D, 2019, 100, .	1.6	1
115	Recent LHCb results on charm and charmonium spectroscopy. EPJ Web of Conferences, 2019, 222, 02011.	0.1	0
116	Magnetic moments of the singly charmed baryons in covariant baryon chiral perturbation theory. Physical Review D, 2019, 100, .	1.6	19
117	$X(3872)$ as virtual companion pole of the charm-anticharm state $\chi_{c1}(2P)$ . International Journal of Modern Physics A, 2019, 34, 1950173.	0.5	8
119	The doubly charmed pseudoscalar tetraquarks $\tilde{\chi}_{cc}$ . Physical Review D, 2020, 101, .	0.9	35
120	Double-heavy tetraquarks. Physical Review D, 2020, 101, .	1.6	53
121	Understanding the structures of hidden-charm pentaquarks in a simple model. Nuclear and Particle Physics Proceedings, 2020, 309-311, 158-161.	0.2	4
122	Heavy Hadrons – Exotic and Conventional Quarkonium Physics at Belle II. Nuclear and Particle Physics Proceedings, 2020, 309-311, 168-173.	0.2	0
123	$\tilde{\chi}_{cc}$ and $\tilde{\chi}_{cc}$ molecular states *. Chinese Physics C, 2020, 44, 064101.	1.5	7
124	Universal non-resonant explanation to charmoniumlike structures $\chi_{c1}(3885)$ and $\chi_{c1}(4025)$ . European Physical Journal C, 2020, 80, 1.	1.4	6
125	$X(2900)$ and $X(2900)$ : Hadronic Molecules or Compact Tetraquarks. Chinese Physics Letters, 2020, 37, 101201.	1.3	59
126	Observation of structure in the $J/\psi$ -pair mass spectrum. Science Bulletin, 2020, 65, 1983-1993.	4.3	212
127	Quark structure of the $\chi_{c1}(3P)$ and $X(4274)$ resonances and their strong and radiative decays. European Physical Journal C, 2020, 80, 1.	1.4	10



#	ARTICLE	IF	CITATIONS
128	$\psi$ decay into $\phi$ and vector-vector molecular states. European Physical Journal A, 2020, 56, 1.	1.0	8
129	$Y \left( \frac{4260}{T_j} \right)_{ETQq1} \left( \frac{0.784314}{rgBT} \right)_{Overlock} \left( \frac{10}{Tf} \right)_{50} \left( \frac{50}{Td} \right)_{692} \left( \frac{1.6}{stretchy} \right)_{9}$		
130	Four-Quark States from Functional Methods. Few-Body Systems, 2020, 61, 1.	0.7	20
131	Selected Science Opportunities for the EicC. Few-Body Systems, 2020, 61, 1.	0.7	56
132	Production of $X$ $\left( \frac{3872}{T_j} \right)_{ETQq0} \left( \frac{0}{rgBT} \right)_{Overlock} \left( \frac{10}{Tf} \right)_{50} \left( \frac{582}{Td} \right)_{1.6}$		
133	Heavy exotic scalar meson $T_{bb}; u\bar{s}\bar{d}$ . Physical Review D, 2020, 101, . Study the molecular nature of $T_{bb}$ $T_{bb} \left( \frac{980}{T_j} \right)_{ETQq0} \left( \frac{0}{rgBT} \right)_{Overlock} \left( \frac{10}{Tf} \right)_{50} \left( \frac{487}{Td} \right)_{1.6}$	1.6	16
134	Charm-meson triangle singularity in $T_{bb}$ annihilation into $D^* \bar{D}^*$ $T_{bb} \left( \frac{980}{T_j} \right)_{ETQq0} \left( \frac{0}{rgBT} \right)_{Overlock} \left( \frac{10}{Tf} \right)_{50} \left( \frac{487}{Td} \right)_{1.6}$	1.6	18
135	Production of the predicted $K^*(4307)$ in B decays. Physical Review D, 2020, 101, .	1.6	13
136	Production of the predicted $K^*(4307)$ in B decays. Physical Review D, 2020, 102, .	1.6	2
137	Determination of the Mass and the Energy Spectra of Heavy Pentaquarks in the Diquark Model. Few-Body Systems, 2020, 61, 1.	0.7	2
138	QCD sum rule studies on the $s \{ar\{s\}\} \{s\}$ tetraquark states of $Q^{\{+}\} PC = 0^{-+} \{s\}$ . European Physical Journal C, 2020, 80, 1.	1.4	13
139	Recent results from BABAR. EPJ Web of Conferences, 2020, 235, 04001.	0.1	0
140	Identifying hidden charm pentaquark signal from non-resonant background in electron-proton scattering*. Chinese Physics C, 2020, 44, 084102.	1.5	13
141	Mass spectra of heavy pseudoscalars using instantaneous Bethe-Salpeter equation with different kernels. European Physical Journal C, 2020, 80, 1.	1.4	4
142	Masses of doubly heavy tetraquarks $T_{QQ}^*$ in a relativized quark model. Physical Review D, 2020, 102, .	1.6	48
143	Study of the $\tilde{\chi}(3823)$ and $\tilde{\chi}(3872)$ states in $B \rightarrow \tilde{\chi} K^+$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	42
144	Classifying the pole of an amplitude using a deep neural network. Physical Review D, 2020, 102, .	1.6	10
145	Deciphering the mechanism of near-threshold $\psi$ photoproduction. European Physical Journal C, 2020, 80, 1.	1.4	39



#	ARTICLE	IF	CITATIONS
164	Disentangling different structures in heavy-light four-quark states. Physical Review D, 2020, 102, .	1.6	5
165	How to reveal the nature of three or more pentaquark states. Physical Review D, 2020, 102, . Triangle singularity appearing as an $X$	1.6	21
166	$3872$ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 667 Td (stretchy="false") B		

#	ARTICLE	IF	CITATIONS
182	Triply-charmed hexaquark states with the QCD sum rules. International Journal of Modern Physics A, 2020, 35, 2050073.	0.5	3
183	Decay Constants of S Wave Heavy Quarkonia. International Journal of Theoretical Physics, 2020, 59, 2016-2028.	0.5	7
184	Dynamical Approach to Decays of XYZ States. Symmetry, 2020, 12, 884.	1.1	3
185	Are the XYZ states unconventional states or conventional states with unconventional properties?. International Journal of Modern Physics A, 2020, 35, 2050019.	0.5	4
186	$\chi_{c1}$ interaction in chiral effective field theory. Physical Review C, 2020, 101, 014001.	1.1	14
187	States as Hadronic Molecules and Hints of a Narrow $\chi_{c1}$ Probing new types of $\chi_{c1}$ states inspired by the interaction between an $S$ -wave charmed baryon and an anticharmed meson in a $T$ -ETC. Physical Review D, 2020, 101, 074014.	2.9	97
188	Light-meson spectroscopy with COMPASS. Progress in Particle and Nuclear Physics, 2020, 113, 103755.	1.1	31
189	Possible molecular states composed of doubly charmed baryons with coupled-channel effect. European Physical Journal A, 2020, 56, 1.	5.6	37
190	Hidden-bottom and $\bar{c}$ -charm hexaquark states in QCD sum rules. European Physical Journal C, 2020, 80, 1.	1.0	10
191	Systematical investigation on the stability of doubly heavy tetraquark states. European Physical Journal A, 2020, 56, 1.	1.4	12
192	Space Dimension Renormdynamics. Particles, 2020, 3, 364-379.	1.0	48
193	Photoproduction of hidden-bottom pentaquark and related topics. Physical Review D, 2020, 101, .	0.5	0
194	Landau equation and QCD sum rules for the tetraquark molecular states. Physical Review D, 2020, 101, .	1.6	18
195	Diquark correlations in hadron physics: Origin, impact and evidence. Progress in Particle and Nuclear Physics, 2021, 116, 103835.	1.6	26
196	LHCb measurements of the exotic tetraquark candidate $\Xi_{cc}^{\prime}(3872)$ in high-multiplicity pp and pPb collisions. Nuclear Physics A, 2021, 1005, 121918.	5.6	88
197	Bound states in the B-matrix formalism for the three-body scattering. Physical Review D, 2021, 103, .	0.6	4
198	$\chi_{c0}$ (2900) and its heavy quark spin partners in molecular picture *. Chinese Physics C, 2021, 45, 021003.	1.6	9
199		1.5	33

#	ARTICLE	IF	CITATIONS
200	Toward charged $\Sigma_c(3985)$ structure under a reflection mechanism. European Physical Journal C, 2021, 81, 1.	1.4	32
201	On the mechanism of T4(6900) tetraquark production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 812, 136010.	1.5	34
202	Deciphering the Nature of X(3872) in Heavy Ion Collisions. Physical Review Letters, 2021, 126, 012301.	2.9	31
203	Photoproduction of strange hidden-charm and hidden-bottom states. European Physical Journal C, 2021, 81, 1.	1.4	23
204	Prediction of hidden-charm pentaquarks with double strangeness. Physical Review D, 2021, 103, .	1.6	22
205	Study of the decays of $S$ -wave $D$ mesons. Insights into $K$ mesons. Physical Review D, 2021, 103, .	1.6	31
206	Observation of a Near-Threshold Structure in the $T_{cc}$ Meson. Physical Review Letters, 2021, 126, 102001.	1.6	7
207	Is X(7200) the heavy anti-quark diquark symmetry partner of X(3872)?. European Physical Journal C, 2021, 81, 1.	1.4	15
208	Electromagnetic properties of the $P_c(4312)$ pentaquark state. Chinese Physics C, 2021, 45, 023119.	1.5	9
209	Measurements of $e^+e^- \rightarrow \bar{c}c + \bar{c}c + \bar{c}c$ , $e^+e^- \rightarrow \bar{c}c + \bar{c}c + \bar{c}c$ , and $e^+e^- \rightarrow \bar{c}c + \bar{c}c + \bar{c}c$ at $s$ from 4.18 to 4.60 GeV, and search for a Zc state close to the $DD^*$ threshold decaying to $\bar{c}c$ at $s = 4.23$ GeV. Physical Review D, 2021, 103, .	1.6	2
210	Galilean-invariant effective field theory for the $X$ meson. Physical Review D, 2021, 103, .	1.6	13
211	Observation of a Near-Threshold Structure in the $T_{cc}$ Meson. Physical Review Letters, 2021, 126, 102001.	1.6	20
212	Recoil-Mass Spectra in $K^+$ meson. Physical Review Letters, 2021, 126, 102001.	2.9	135
213	Observation of a Near-Threshold Structure in the $T_{cc}$ Meson. Physical Review Letters, 2021, 126, 102001.	1.6	17
214	On the nature of near-threshold bound and virtual states. European Physical Journal A, 2021, 57, 1.	1.0	45
215	Probing hidden - bottom pentaquarks in fixed - target collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 814, 136121.	1.5	6
216	Four-quark matter—a new era of spectroscopy. AAPPs Bulletin, 2021, 31, 1.	2.7	4
217	Predicting the $T_{cc}$ meson. Physical Review Letters, 2021, 126, 102001.	4.3	24

#	Article	IF	CITATIONS
218	Hidden-charm pentaquarks with triple strangeness due to the $\Lambda_c^+ \Lambda_c^0$ states. Physical Review D, 2021, 103, .	1.6	2
219	Light tetraquark states with the exotic quantum number $J^{PC}=3^{+-}$ . Physical Review D, 2021, 103, .	2.9	49
220	Coupled-Channel Interpretation of the LHCb Double-Charmed Tetraquark Spectrum and Hints of a New State Near the $\Lambda_c^+ \Lambda_c^0$ States. Physical Review D, 2021, 103, .	2.9	69
221	Explaining the Many Threshold Structures in the Heavy-Quark Hadron Spectrum. Physical Review Letters, 2021, 126, 152001.	1.6	26
222	The new resonances $\Lambda_c^+ \Lambda_c^0$ and $\Lambda_c^+ \Lambda_c^+$ . Physical Review D, 2021, 103, .	0.9	57
223	Producing fully charm structures in the $\Lambda_c^+ \Lambda_c^0$ states. Physical Review D, 2021, 103, .	1.4	29
224	Heavy Tetraquarks in the Relativistic Quark Model. Universe, 2021, 7, 94.	1.5	9
225	Magnetic dipole moments of the hidden-charm pentaquark states: $\Lambda_c^+ \Lambda_c^0$ , $\Lambda_c^+ \Lambda_c^+$ and $\Lambda_c^+ \Lambda_c^+$ . European Physical Journal C, 2021, 81, 1.	1.5	8
226	Production of $\Lambda_c^+ \Lambda_c^0$ and $\Lambda_c^+ \Lambda_c^+$ states in electron-proton collisions *. Chinese Physics C, 2021, 45, 043105.	1.6	4
227	Production of hidden-charm and hidden-bottom pentaquark states in electron-proton collisions *. Chinese Physics C, 2021, 45, 043105.	1.4	13
228	Exotic $\Lambda_c^+ \Lambda_c^0$ dibaryon states in a molecular picture *. Chinese Physics C, 2021, 45, 041002.	1.0	3
229	Diabatic description of charmoniumlike mesons. II. Mass corrections and strong decay widths. Physical Review D, 2021, 103, .	0.9	40
230	Universal behavior of mass gaps existing in the single heavy baryon family. European Physical Journal C, 2021, 81, 1.	1.6	6
231	Quark Structure of the $\Lambda_c^+ \Lambda_c^0$ (4500), $\Lambda_c^+ \Lambda_c^0$ (4700) and $\Lambda_c^+ \Lambda_c^+$ (4P,5P) States. Frontiers in Physics, 2021, 9, .	1.5	20
232	Fully-heavy tetraquark spectra and production at hadron colliders. Nuclear Physics B, 2021, 966, 115393.	1.4	95
233	Radiative transitions of charmoniumlike exotics in the dynamical diquark model. Physical Review D, 2021, 103, .		
234	Fully - heavy tetraquark production by $\Lambda_c^+ \Lambda_c^0$ interactions in hadronic collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136249.		
235	Establishing the first hidden-charm pentaquark with strangeness. European Physical Journal C, 2021, 81, 1.		

#	Abstract	IF	CITATIONS
236	Mass spectra of $N$ dibaryons in the $S$ channel	1.6	10
237	Fully-heavy structures in the invariant mass spectrum of $J/\psi(3686)$ , $J/\psi(3770)$ , $\psi(3686)$ , and $J/\psi(1S)$ at hadron colliders. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136209.	1.5	15
238	PANDA Phase One. European Physical Journal A, 2021, 57, 1.	1.0	38
239	Molecular picture for $X(2900)$ and $X(2900)^*$ . Chinese Physics C, 2021, 45, 063102.	1.5	22
240	Electron-ion collider in China. Frontiers of Physics, 2021, 16, 1.	2.4	208
241	Mapping a new cluster of charmoniumlike structures at $e^+e^-$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 817, 136345.	1.5	10
242	Hadronic Atom as a Key to Revealing the $X$	2.9	8
243	Search for a $D^*$ bound state in the $P_c$	1.6	26
244	bound state in the $P_c$	1.6	8
245	Classifying Near-Threshold Enhancement Using Deep Neural Network. Few-Body Systems, 2021, 62, 1.	0.7	7
246	Production of hidden-charm strange pentaquarks from the $P_c$	1.6	13
247	$\pi^-\pi^+\rightarrow\eta'$ in the double-Regge region. European Physical Journal C, 2021, 81, 1.	1.4	6
248	The nature of $X(3872)$ from high-multiplicity $pp$ collisions. European Physical Journal C, 2021, 81, 1.	1.4	29
249	Studying the $D_1$ molecule in the Bethe-Salpeter equation approach. European Physical Journal C, 2021, 81, 1.	1.4	7
250	Revisiting the nature of the $P_c$ pentaquarks. Journal of High Energy Physics, 2021, 2021, 1.	1.6	45
251	Hunting for states in the recent LHCb $D_s^*$ invariant mass spectrum. Physical Review D, 2021, 104, .	1.6	27
252	Model independent analysis of coupled-channel scattering: A deep learning approach. Physical Review D, 2021, 104, .	1.6	8
253	Triangle Singularity as the Origin of the $P_c$	1.6	11

#	ARTICLE	IF	CITATIONS
254	Newly observed X(4630): a new charmoniumlike molecule. European Physical Journal C, 2021, 81, 1. Magnetic dipole moments of the $Z_c$	1.4	13
255	Physical Review D, 2021, 104, .	1.6	12
256	A survey of heavy hadronic molecules. Communications in Theoretical Physics, 2021, 73, 125201.	1.1	99
257	Scattering and $D^*$ in nuclear. Physical Review C, 2021, 104, .	1.1	11
258	Magnetic dipole moment of the $\chi_{c1}(3985)$ state: diquark-antidiquark and molecular pictures. European Physical Journal Plus, 2021, 136, 1.	1.2	21
259	QCD and the strange baryon spectrum. Progress in Particle and Nuclear Physics, 2021, 120, 103868.	5.6	32
260	Semi-inclusive lepto-production of hidden-charm exotic hadrons *. Chinese Physics C, 2021, 45, 123101.	1.5	10
261	Prompt production of the hidden charm pentaquarks in the LHC. European Physical Journal C, 2021, 81, 1.	1.4	10
262	Structure of the $X_c$ in nuclear. Physical Review D, 2021, 104, .	5.6	17
263	What can we learn about light-meson interactions at electron-positron colliders?. Progress in Particle and Nuclear Physics, 2021, 120, 103884.	5.6	15
264	Tetraquarks in large- $N_c$ QCD. Progress in Particle and Nuclear Physics, 2021, 120, 103867.	5.6	17
265	Doubly charged vector tetraquark $Z_{V^{++}} = [cu][s\bar{d}]$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136530.	1.5	12
266	Is two-pole $\Lambda_c(1405)$ one state or two?. European Physical Journal C, 2021, 81, 1.	1.4	5
267	Triply-heavy tetraquarks in an extended relativized quark model. Physical Review D, 2021, 104, .	1.6	9
268	Heavy baryon spectrum with chiral multiplets of scalar and vector diquarks. Physical Review D, 2021, 104, .	1.6	13
269	Spectrum of hidden-charm, open-strange exotics in the dynamical diquark model. Physical Review D, 2021, 104, .	1.6	32
270	The effects of charmonium on the properties of the $1^{++}$ hidden charm poles in effective field theory. Nuclear Physics A, 2021, 1014, 122259.	0.6	0
271	Physical Review D, 2021, 104, .	1.6	17



#	ARTICLE	IF	CITATIONS
272	A GPU based multidimensional amplitude analysis to search for tetraquark candidates. Journal of Big Data, 2021, 8, .	6.9	0
273	The scalar hexaquark $\langle i \rangle uudds \langle /i \rangle$ : a candidate to dark matter?. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 095001.	1.4	7
274	Search for the molecular state in the reaction $\pi^+ p \rightarrow \pi^+ \Lambda(1520) p$ . Chinese Physics C, 2020, 44, 093107.	1.5	10
275	Decay properties of the $Z_{c(3900)}$ through the Fierz rearrangement $\pi^+ p \rightarrow \pi^+ \Lambda(1520) p$ . Chinese Physics C, 2020, 44, 114003.	1.5	8
276	Heavy $\hat{c}$ and $\hat{b}$ baryons in the quark model. Journal of Physics: Conference Series, 2020, 1610, 012011.	0.3	5
277	Investigation of $\psi(3930) \rightarrow \gamma \pi^+ \pi^- \pi^0$ radiative decays including final-state interactions. Physical Review D, 2020, 102, 074014.	1.6	48
278	Investigation of $\psi(3930) \rightarrow \gamma \pi^+ \pi^- \pi^0$ radiative decays including final-state interactions. European Physical Journal A, 2020, 56, 1.	1.0	9
279	Decay properties of $\psi_c$ states through the Fierz rearrangement. European Physical Journal C, 2020, 80, 1.	1.4	13
280	Molecular states from $D^* \{B\} B^* \{B\}$ and $D^* \{B\} B^* \{B\}$ interactions. European Physical Journal C, 2020, 80, 1.	1.4	33
281	Triangle singularity as the origin of $X_0(2900)$ and $X_1(2900)$ observed in $B^+ \rightarrow D^+ D^- K^+ \pi^+$ . European Physical Journal C, 2020, 80, 1.	1.4	42
282	Systematics of $Q\bar{Q}\{q\}\{q\}$ in a chiral constituent quark model. European Physical Journal Plus, 2020, 135, 1.	1.2	35
283	Exotics with Heavy Quarks. , 2019, , .		1
284	Study of the $Y(4660)$ from a light-quark perspective. Physical Review D, 2021, 104, .	1.6	1
285	Coupled-channel meson-meson scattering in the diabatic framework. Physical Review D, 2021, 104, .	1.6	7
286	Exploration of the hidden charm decays of $Z_c(3900)$ . Physical Review D, 2021, 104, .	1.6	10
287	Observation of $e^+e^- \rightarrow \hat{c} \bar{\psi}(2S)$ at center-of-mass energies from 4.236 to 4.600 GeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	0
288	$S$ -wave contributions to the $B_c \rightarrow B \pi$ decays. Physical Review D, 2021, 104, .	1.6	3
289	Analysis of the fully-heavy pentaquark states via the QCD sum rules. Nuclear Physics B, 2021, 973, 115579.	0.9	13

#	ARTICLE	IF	CITATIONS
290	Experiments on Heavy Flavour Spectroscopy and Exotic States. , 2019, , .		0
291	Conference Summary of QNP2018. , 2019, , .		0
292	Decays of $P_c$ into $J/\psi N$ and $\bar{1}N$ with heavy quark spin symmetry. , 2020, , .		0
293	Measurement of $e^+e^- \rightarrow \bar{1}^3\bar{1}^3$ cross sections at center-of-mass energ. Physical Review D. 2021. 104. .	1.6	3
294	Modifications on parameters of Z(4430) in a dense medium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135979.	1.5	2
295	Quantum numbers of the pentaquark states $\{m\{P\}\}_\{m\{c\}\}^{\{+\}}$ via symmetry analysis. Communications in Theoretical Physics, 2020, 72, 125202.	1.1	1
296	Search for and Study of Exotic Hadrons in the Fermilab D0 Experiment: Recent Results. Physics of Atomic Nuclei, 2020, 83, 1383-1390.	0.1	0
297	Revisit the isospin violating decays of $X_c$	1.6	19
298	Correlation of the hidden-charm molecular tetraquarks and the charmoniumlike structures existing in the $B_c X Y Z$ process. Physical Review D, 2021, 104, .	1.6	14
299	Precision Resonance Scans at $\sqrt{s}$ ANDA. Journal of Physics: Conference Series, 2020, 1667, 012021.	0.3	0
300	Zc(3900) ParA±ÄÄ±nÄ±n MolekÄ¼l Durumundaki Manyetik Momenti. SDU Journal of Science, 0, , .	0.1	0
301	$D_s^* \rightarrow D_s \gamma$	1.6	9
302	$P_c \rightarrow J/\psi p$	1.6	15
303	Tetraquarks composed of charmed mesons in the $P_c \rightarrow H_c C$ and $P_c \rightarrow H_c C$	1.6	14
304	states from the $D_s^* \rightarrow D_s \gamma$	1.6	15
306	$\bar{1}^3\bar{1}^3$ cross sections at center-of-mass energ. Physical Review D. 2021. 104. .	1.6	14
307	Near-threshold spectrum from a uniformized Mittag-Leffler expansion: Pole structure of the $Z_c$	1.6	5
308	$J/\psi p$ and $J/\psi n$	2.9	33

#	ARTICLE	IF	CITATIONS
309	Spin and polarization analysis of the $Z_c$ state. Physical Review D, 2022, 105, .	1.6	10
310	Magnetic dipole moments of the $T_c$ and $Z_c$ states. Physical Review D, 2022, 105, .	1.6	29
311	hadronic atom and its production in $p\bar{p}$ collisions. Physical Review D, 2022, 105, .	1.6	2
312	Triply heavy tetraquark states. Physical Review D, 2022, 105, .	1.6	7
313	From the line shape of the $X(3872)$ $T_{cc}$ tetraquark. Overlock 10 Tf 50 572 Td (stretchy="false")</math>	1.6	19
314	Tritonlike Molecules of Three Identical Baryons. Advances in High Energy Physics, 2022, 2022, 1-27.	0.5	0
315	Decay properties of the $X(3872)$ through the Fierz rearrangement. Communications in Theoretical Physics, 2022, 74, 025201.	1.1	5
316	Magnetic moments of the doubly charged axial-vector $T_c$ tetraquark. Aspects of $Z_c$ tetraquark. Overlock 10 Tf 50 422 Td (stretchy="false")</math>	1.6	10
317	Aspects of $Z_c$ tetraquark. Overlock 10 Tf 50 422 Td (stretchy="false")</math>	1.6	13
318	The Interplay between Compact and Molecular Structures in Tetraquarks. Symmetry, 2022, 14, 515.	1.1	6
319	Magnetic moments of pentaquark states in light-cone sum rules. European Physical Journal A, 2022, 58, 1.	1.0	5
320	Is $Z_c$ tetraquark a $Z_c$ tetraquark? Overlock 10 Tf 50 297 Td (stretchy="false")</math>	1.6	7
321	Hybrid static potentials in SU(3) lattice gauge theory at small quark-antiquark separations. Physical Review D, 2022, 105, .	1.6	10
322	Spin-polarization analysis of the $Z_c$ tetraquark. Physical Review D, 2022, 105, .	1.5	7
323	XYZ states: An experimental point-of-view. Reviews in Physics, 2022, 8, 100070.	4.4	0
324	Masses and strong decays of open charm hexaquark states $\Sigma_c^{(*)}\Sigma_c^{(*)}$ . European Physical Journal C, 2021, 81, 1.	1.4	8
325	Hunting for tetraquarks in ultraperipheral heavy ion collisions. Physical Review D, 2021, 104, .	1.6	12
326	Holographic charm and bottom pentaquarks. III. Excitations through photoproduction of heavy mesons. Physical Review D, 2021, 104, .	1.6	5

#	ARTICLE	IF	CITATIONS
327	Holographic charm and bottom pentaquarks. I. Mass spectra with spin effects. Physical Review D, 2021, 104, .	1.6	8
328	Fine structure of pentaquark multiplets in the dynamical diquark model. Physical Review D, 2021, 104, .	1.6	12
329	Holographic charm and bottom pentaquarks. II. Open and hidden decay widths. Physical Review D, 2021, 104, .	1.6	10
330	Study of charmonium and charmonium-like contributions in $B^+ \rightarrow \hat{1}^+ J/\psi \hat{1}^+ K^+$ decays. Journal of High Energy Physics, 2022, 2022, 1.	1.6	3
331	On the $d^*(2380)$ . Physics of Particles and Nuclei Letters, 2022, 19, 83-86.	0.1	1
332	Combined analysis of the $Z_c(3900)$ and $Z_c(3900)$ decays. Physical Review D, 2022, 105, .	1.6	18
333	Hidden-charm pentaquark states through current algebra: from their production to decay *. Chinese Physics C, 2022, 46, 093105.	1.5	16
334	Hadronic molecules in $B_c$ decays. Physical Review D, 2022, 105, .	1.6	42
335	Interpretation of the $\hat{1}^-(1855)$ as a $KK\bar{1},1(1400) + c.c.$ molecule. Science China: Physics, Mechanics and Astronomy, 2022, 65, .	2.0	19
336	Triple-charm molecular states composed of $D_c^*$ and $D_c$ . Physical Review D, 2022, 105, .	1.6	11
337	$\mathcal{B}_{c,q_1 q_2}$ four-quark states from Lattice QCD. , 2022, , .		0
338	Computing hybrid static potentials at short quark-antiquark separations from fine lattices in SU(3) Yang-Mills theory. , 2022, , .		0
339	Infinite volume, three-body scattering formalisms in the presence of bound states. , 2022, , .		0
340	Investigation of the possible $\hat{1}^-$ and $\hat{1}^0$ states. Physical Review D, 2022, 105, .	1.6	1
341	Deep learning exotic hadrons. Physical Review D, 2022, 105, .	1.6	6
342	Cross section measurements of the $e^+e^- \rightarrow \hat{1}^+ D^* + D^* \hat{1}^-$ and $e^+e^- \rightarrow \hat{1}^+ D^* + D^* \hat{1}^0$ processes at center-of-mass energies from 4.085 to 4.600 GeV. Journal of High Energy Physics, 2022, 2022, .	1.6	2
343	Unveiling the pole structure of S-matrix using deep learning. Suplemento De La Revista Mexicana De Física, 2022, 3, .	0.1	0
344	Investigation of $\hat{1}^0$ dibaryon in QCD. Physical Review D, 2022, 105, .	1.6	2

#	ARTICLE	IF	CITATIONS
345	Novel approaches in hadron spectroscopy. Progress in Particle and Nuclear Physics, 2022, 127, 103981.	5.6	18
346	Constituent quark-model hidden-flavor pentaquarks. Physical Review D, 2022, 105, .	1.6	1
347	Production of $\Lambda_{cs}$ in B and $B_s$ decays. European Physical Journal C, 2022, 82, .	1.4	11
348	Study of the doubly charmed tetraquark $Q_1 Q_2 \bar{c} \bar{c}$ . Nature Communications, 2022, 13, .	5.8	107
349	Mass predictions of vector ( $\Lambda_{cs}$ ) tetraquarks. Physical Review D, 2022, 105, .	1.6	7
350	Magnetic moments of the vector hidden-charm tetraquark states. Physical Review D, 2022, 105, .	1.6	4
351	Singly heavy baryons in nuclear matter from an SU(3) chiral soliton model. Journal of Physics G: Nuclear and Particle Physics, 0, .	1.4	1
352	Study of $\Lambda_{cs}$ tetraquarks. Physical Review D, 2022, 105, .	1.6	8
353	Three-body molecules $\Lambda_{cs}$ tetraquarks. Physical Review D, 2022, 105, .	1.6	6
354	Physics with CEBAF at 12 GeV and future opportunities. Progress in Particle and Nuclear Physics, 2022, 127, 103985.	5.6	24
355	Effective range expansion for narrow near-threshold resonances. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 833, 137290.	1.5	23
356	Luminosities and energies of $e^+e^- \rightarrow e^+e^- \Lambda_{cs}$ collision data taken between $\sqrt{s} = 4.61$ GeV and 4.95 GeV at BESIII. Chinese Physics C, 2022, 46, 113003.	1.5	22
357	Weak-decay searches for $Q_1 Q_2 \bar{c} \bar{c}$ tetraquarks. European Physical Journal C, 2022, 82, .	1.4	5
358	$\Lambda_{cs}$ tetraquarks. Chinese Science Bulletin, 2022, .	0.4	0
359	Double-charm heptaquark states composed of two charmed mesons and one nucleon. Physical Review D, 2022, 106, .	1.6	5
360	$S$ and $P$ -wave fully strange tetraquark states from QCD sum rules. Physical Review D, 2022, 106, .	1.6	10
361	Electromagnetic properties of the $D^* K$ molecular hexaquark state. European Physical Journal Plus, 2022, 137, .	1.2	1
362	Electromagnetic properties of doubly heavy pentaquark states. European Physical Journal Plus, 2022, 137, .	1.2	4

#	ARTICLE	IF	CITATIONS
363	Compositeness of S-wave weakly-bound states from next-to-leading order Weinberg's relations. European Physical Journal C, 2022, 82, . Search for $\langle \mathcal{M} \rangle$	1.4	14
364	Role of the $\langle \mathcal{M} \rangle$	1.6	3
365	$\langle \mathcal{M} \rangle$	1.6	4
366	Science Requirements and Detector Concepts for the Electron-Ion Collider. Nuclear Physics A, 2022, 1026, 122447.	0.6	250
367	Triangle singularity in the production of $\langle \mathcal{M} \rangle$	1.6	4
368	Covalent hadronic molecules induced by shared light quarks. Communications in Theoretical Physics, 2022, 74, 125201.	1.1	2
369	Probing the electromagnetic properties of the $\langle \mathcal{M} \rangle$	1.6	4
370	Prediction of a Narrow Exotic Hadronic State with Quantum Numbers $\langle \mathcal{M} \rangle$	2.9	11
371	Study of three-flavored heavy dibaryons using lattice QCD. Physical Review D, 2022, 106, .	1.6	4
372	Tevatron Greatest Hits. Reports on Progress in Physics, 0, , .	8.1	0
373	Improved understanding of the peaking phenomenon existing in the new di- $\langle \mathcal{M} \rangle$ invariant mass spectrum from the CMS Collaboration. Physical Review D, 2022, 106, .	1.6	8
374	Meson to the $\langle \mathcal{M} \rangle$	1.6	2
375	Investigating $\langle \mathcal{M} \rangle$ -wave bound states composed of two pseudoscalar mesons. Chinese Physics C, 0, , .	1.5	0
376	What can we learn from the electromagnetic properties of hidden-charm molecular pentaquarks with single strangeness?. Physical Review D, 2022, 106, .	1.6	14
377	Observation of Resonance Structures in $\langle \mathcal{M} \rangle$	2.9	11
378	X structures in $B \rightarrow \langle \mathcal{M} \rangle$ as one-loop and double-triangle threshold cusps. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 834, 137486.	1.5	4
379	Quantum-Chromodynamics-Inspired 2D Multicolor LED Matrix to Camera Communication for User-Centric MIMO. Applied Sciences (Switzerland), 2022, 12, 10204.	1.3	1
380	Diabatic representation of exotic hadrons in the dynamical diquark model. Physical Review D, 2022, 106, .	1.6	9

#	Article Title	IF	CITATIONS
381	Radiative decays of the neutral $Z_c^0$ tetraquark state. European Physical Journal C, 2022, 82, .	1.6	1
382	Possibility of $Z_c(2900)$ as the resonance-like structure induced by threshold effects. European Physical Journal C, 2022, 82, .	1.4	13
383	Hadronic molecules composed of a doubly charmed tetraquark state and a charmed meson. European Physical Journal C, 2022, 82, .	1.4	1
384	Open charm and bottom meson-nucleon potentials $\tilde{A}$ the nuclear force. Physical Review D, 2022, 106, .	1.6	1
385	Study of the resonance contributions in the $X(3872)$ decay. Physical Review D, 2022, 106, .	1.6	2
386	A new group of doubly charmed molecule with T-doublet charmed meson pair. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 835, 137502.	1.5	9
387	A theoretical investigation on the spectroscopy and structure of the exotic tetraquark states. Nuclear Physics A, 2023, 1029, 122559.	0.6	2
388	spectroscopy at electron-hadron facilities. II. Semi-inclusive processes with pion exchange. Physical Review D, 2022, 106, .	1.6	2
389	Charmonium spectrum in an unquenched quark model. European Physical Journal A, 2022, 58, .	1.0	2
390	Decay behaviors of the fully bottom and fully charm tetraquark states. Physical Review D, 2022, 106, .	1.6	8
391	An updated review of the new hadron states. Reports on Progress in Physics, 2023, 86, 026201.	8.1	146
392	Investigation of magnetic moment of $P(4338)$ and $P(4459)$ pentaquark states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 836, 137635.	1.5	13
393	Towards a theory of hadron resonances. Physics Reports, 2023, 1001, 1-66.	10.3	26
394	Study of the resonance contributions in the $X(3872)$ decay. Physical Review D, 2022, 106, .	1.6	0
395	Structure and production mechanism of the enigmatic $X(3872)$ in high-energy hadronic reactions. European Physical Journal C, 2022, 82, .	1.4	3
396	Investigation of the bottom analog of the $Z_{cs}$ (3985) state. Science China: Physics, Mechanics and Astronomy, 2023, 66, .	2.0	3
397	Hidden-flavor pentaquarks. Physical Review D, 2022, 106, .	1.6	4
398	Do near-threshold molecular states mix with neighboring $Q\bar{c}Q$ states?. Physical Review D, 2022, 106, .	1.6	3





#	ARTICLE	IF	CITATIONS
417	Production of $X_b$ via $Upsilon(5S, 6S)$ radiative decays. European Physical Journal C, 2023, 83, .	1.4	3
418	Precision studies of QCD in the low energy domain of the EIC. Progress in Particle and Nuclear Physics, 2023, 131, 104032.	5.6	19
419	$X$	1.6	4
420	$X$	1.6	4
421	New type of hydrogenlike charm-pion or charm-kaon matter. Physical Review D, 2023, 107, .	1.6	1
422	Light meson emissions of selected charmonium-like states within compact tetraquark configurations*. Chinese Physics C, 2023, 47, 063102.	1.5	1
423	Exploring the magnetic dipole moments of $T_{\overline{Q}\overline{Q}}$ and $T_{\overline{Q}\overline{Q}}$ states in the framework of QCD light-cone sum rules. Journal of High Energy Physics, 2023, 2023, .	1.6	0
424	Heavy hybrid decays to quarkonia. Physical Review D, 2023, 107, .	1.6	3
425	Hadronic molecular states with the quark contents $b\bar{c}$	1.6	3
426	Searching for doubly charmed tetraquark candidates $T_{cc}$ and $T_{ccar}$ in $B_c$ decays. European Physical Journal C, 2023, 83, .	1.4	3
427	Hunting for the hidden-charm molecular states with strange quarks in $B_c$ and $B_c$ decays. Physical Review D, 2023, 107, .	1.6	2
428	$B_c$	1.6	2
429	$X$	1.6	2

#	ARTICLE	IF	CITATIONS
---	---------	----	-----------