

Xiang Liu

List of Publications by Citations

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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.

229
papers

6,727
citations

42
h-index

69
g-index

261
ext. papers

8,935
ext. citations

4.6
avg, IF

6.62
L-index

#	Paper	IF	Citations
229	The hidden-charm pentaquark and tetraquark states. <i>Physics Reports</i> , 2016 , 639, 1-121	27.7	600
228	Pentaquark and Tetraquark States. <i>Progress in Particle and Nuclear Physics</i> , 2019 , 107, 237-320	10.6	218
227	A review of the open charm and open bottom systems. <i>Reports on Progress in Physics</i> , 2017 , 80, 076201	14.4	182
226	Identifying Exotic Hidden-Charm Pentaquarks. <i>Physical Review Letters</i> , 2015 , 115, 132002	7.4	161
225	Possible hidden-charm molecular baryons composed of an anti-charmed meson and a charmed baryon. <i>Chinese Physics C</i> , 2012 , 36, 6-13	2.2	159
224	X(3872) and other possible heavy molecular states. <i>European Physical Journal C</i> , 2009 , 61, 411-428	4.2	149
223	Towards Exotic Hidden-Charm Pentaquarks in QCD. <i>Physical Review Letters</i> , 2015 , 115, 172001	7.4	142
222	Z _b (10610) [±] and Z _b (10650) [±] as the B*B _s and B*B _s [*] molecular states. <i>Physical Review D</i> , 2011 , 84,	4.9	133
221	Is X(3872) really a molecular state?. <i>European Physical Journal C</i> , 2008 , 56, 63-73	4.2	128
220	D _s J(2860) and D _s J(2715). <i>European Physical Journal C</i> , 2007 , 50, 617-628	4.2	101
219	Strong decays of charmed baryons. <i>Physical Review D</i> , 2007 , 75,	4.9	99
218	Y(4143) is probably a molecular partner of Y(3930). <i>Physical Review D</i> , 2009 , 80,	4.9	98
217	An overview of XYZ new particles. <i>Science Bulletin</i> , 2014 , 59, 3815-3830		88
216	Strong LHCb evidence supporting the existence of the hidden-charm molecular pentaquarks. <i>Physical Review D</i> , 2019 , 100,	4.9	87
215	Bottom baryons. <i>Physical Review D</i> , 2008 , 77,	4.9	84
214	Is Z ⁺ (4430) a loosely bound molecular state?. <i>Physical Review D</i> , 2008 , 77,	4.9	81
213	Possible molecule structure of the newly observed Y(4260). <i>Physical Review D</i> , 2005 , 72,	4.9	76

212	X(3915) and X(4350) as new members in the P-wave charmonium family. <i>Physical Review Letters</i> , 2010 , 104, 122001	7.4	69
211	Zb(10 610) and Zb(10 650) structures produced by the initial single pion emission in the $\Upsilon(5S)$ decays. <i>Physical Review D</i> , 2011 , 84,	4.9	69
210	P-wave charmed baryons from QCD sum rules. <i>Physical Review D</i> , 2015 , 91,	4.9	67
209	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
208	Decay properties of P-wave charmed baryons from light-cone QCD sum rules. <i>Physical Review D</i> , 2017 , 95,	4.9	65
207	Reproducing the Zc(3900) structure through the initial-single-pion-emission mechanism. <i>Physical Review D</i> , 2013 , 88,	4.9	64
206	Z+(4430) as a D1?D* (D1D*) molecular state. <i>Physical Review D</i> , 2008 , 77,	4.9	59
205	Exotic tetraquark states with the $(qq\bar{q}\bar{q})$ configuration. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	56
204	The hidden charm decay of and final state interaction effects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 645, 185-188	4.2	55
203	Heavy-flavored tetraquark states with the $QQ\bar{Q}\bar{Q}$ configuration. <i>Physical Review D</i> , 2018 , 97,	4.9	55
202	Predicted charged charmoniumlike structures in the hidden-charm dipion decay of higher charmonia. <i>Physical Review D</i> , 2011 , 84,	4.9	54
201	QCD sum rule calculation for P-wave bottom baryons. <i>Physical Review D</i> , 2015 , 92,	4.9	50
200	Predictions of charged charmoniumlike structures with hidden-charm and open-strange channels. <i>Physical Review Letters</i> , 2013 , 110, 232001	7.4	50
199	$\bar{B}(2940)^+$: a possible molecular state?. <i>European Physical Journal C</i> , 2007 , 51, 883-889	4.2	50
198	D-wave charmed and bottomed baryons from QCD sum rules. <i>Physical Review D</i> , 2016 , 94,	4.9	49
197	Newly observed DsJ(3040) and the radial excitations of P-wave charmed-strange mesons. <i>Physical Review D</i> , 2009 , 80,	4.9	49
196	Newly observed D(2550), D(2610), and D(2760) as 2S and 1D charmed mesons. <i>Physical Review D</i> , 2010 , 82,	4.9	48
195	Bs1(5830) and Bs2*(5840). <i>Physical Review D</i> , 2009 , 79,	4.9	47

194	Higher bottom and bottom-strange mesons. <i>Physical Review D</i> , 2014 , 89,	4.9	46
193	The hidden charm decay of $Y(4140)$ by the rescattering mechanism. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 680, 137-140	4.2	45
192	Study on contributions of hadronic loops to decays of J/ψ vector+pseudoscalar mesons. <i>Physical Review D</i> , 2006 , 74,	4.9	45
191	Low-lying charmed and charmed-strange baryon states. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	42
190	Charmed-strange mesons revisited: Mass spectra and strong decays. <i>Physical Review D</i> , 2015 , 91,	4.9	42
189	$Y(2175)$ state in the QCD sum rule. <i>Physical Review D</i> , 2008 , 78,	4.9	42
188	Decoding the $X(5568)$ as a Fully Open-Flavor sub[over \square]d[over \square] Tetraquark State. <i>Physical Review Letters</i> , 2016 , 117, 022002	7.4	42
187	The puzzle of excessive non- DD^* component of the inclusive $\Upsilon(3770)$ decay and the long-distant contribution. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 675, 441-445	4.2	41
186	$X(5568)$ and its partner states. <i>Physical Review D</i> , 2016 , 93,	4.9	40
185	Charged bottomoniumlike states $Z_b(10610)$ and $Z_b(10650)$ and the $\Upsilon(5S)-\Upsilon(2S)$ decay. <i>Physical Review D</i> , 2011 , 84,	4.9	40
184	A note on the B^*B , B^*B^* , D^*D , D^*D^* molecular states. <i>Chinese Physics C</i> , 2012 , 36, 194-204	2.2	40
183	Hidden-charm molecular pentaquarks and their charm-strange partners. <i>Nuclear Physics A</i> , 2016 , 954, 406-421	1.3	40
182	QCD sum rule study of hidden-charm pentaquarks. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	39
181	Categorizing resonances $X(1835)$, $X(2120)$, and $X(2370)$ in the pseudoscalar meson family. <i>Physical Review D</i> , 2011 , 83,	4.9	39
180	Establishing low-lying doubly charmed baryons. <i>Physical Review D</i> , 2017 , 96,	4.9	38
179	Light pseudoscalar meson and heavy meson scattering lengths. <i>Physical Review D</i> , 2009 , 79,	4.9	38
178	Study of B_s - $D_s J(2317,2460)$ semileptonic decays in the CQM model. <i>European Physical Journal C</i> , 2007 , 51, 601-606	4.2	38
177	Can $X(5568)$ be described as a B_s \square BK resonant state?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 757, 515-519	4.2	38

176	New Ξ_{cc} baryons discovered by LHCb as the members of 1P and 2S states. <i>Physical Review D</i> , 2017 , 96,	4.9	35
175	Masses and axial currents of the doubly charmed baryons. <i>Physical Review D</i> , 2015 , 91,	4.9	35
174	Newly observed $DJ(3000)_{+0}$ and $DJ^*(3000)_0$ as 2P states in D meson family. <i>Physical Review D</i> , 2013 , 88,	4.9	35
173	Nonstrange partner of strangeonium-like state $Y(2175)$. <i>Physical Review D</i> , 2012 , 85,	4.9	35
172	$Z_c(4025)$ as the hadronic molecule with hidden charm. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	34
171	Hidden-charm pentaquarks and their hidden-bottom and Bc-like partner states. <i>Physical Review D</i> , 2017 , 95,	4.9	34
170	Coupled-channel analysis of the possible D^*D^* , $B_c^*B_c^*$ and $D^*B_c^*$ molecular states. <i>Physical Review D</i> , 2013 , 88,	4.9	34
169	Observed charmed hadron $\Xi(2940)_+$ and the D^*N interaction. <i>Physical Review D</i> , 2010 , 82,	4.9	33
168	$X(4140)$, $X(4270)$, $X(4500)$, and $X(4700)$ and their $csc\bar{c}\bar{s}$ tetraquark partners. <i>Physical Review D</i> , 2016 , 94,	4.9	33
167	Novel charmonium-like structures in the J/ψ and J/ψ' invariant mass spectra. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 699, 341-344	4.2	32
166	Electron-ion collider in China. <i>Frontiers of Physics</i> , 2021 , 16, 1	3.7	32
165	Higher radial and orbital excitations in the charmed meson family. <i>Physical Review D</i> , 2015 , 92,	4.9	31
164	Charged charmoniumlike state $Z_c(3900)_B$ via meson photoproduction. <i>Physical Review D</i> , 2013 , 88,	4.9	31
163	Possible strange hidden-charm pentaquarks from and interactions. <i>Chinese Physics C</i> , 2017 , 41, 103105	2.2	30
162	QCD sum rule calculation for the charmonium-like structures in the . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 701, 101-106	4.2	29
161	Nonresonant explanation for the $Y(4260)$ structure observed in the $e^+e^- \rightarrow \psi(3770) \gamma$ process. <i>Physical Review D</i> , 2011 , 83,	4.9	28
160	Assigning the newly reported $B(6097)$ as a P-wave excited state and predicting its partners. <i>Physical Review D</i> , 2018 , 98,	4.9	28
159	Strong decays of fully-charm tetraquarks into di-charmonia. <i>Science Bulletin</i> , 2020 , 65, 1994-2000	10.6	27

158	The open-charm radiative and pionic decays of molecular charmonium $Y(4274)$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	27
157	Prediction of a missing higher charmonium around 4.26 GeV in (J/ψ) family. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	26
156	Restudy on the wave functions of (η_S) states in the light-front quark model and the radiative decays of $(\eta_S)-B^+$. <i>Physical Review D</i> , 2010 , 82,	4.9	26
155	Mass spectrum and strong decays of isoscalar tensor mesons. <i>Physical Review D</i> , 2012 , 86,	4.9	26
154	Role of newly discovered $B(6227)$ for constructing excited bottom baryon family. <i>Physical Review D</i> , 2018 , 98,	4.9	26
153	Magnetic moments of the hidden-charm pentaquark states. <i>Physical Review D</i> , 2016 , 94,	4.9	25
152	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
151	Members in the $0^+ 0^{++}$ family. <i>Physical Review D</i> , 2006 , 73,	4.9	25
150	A possible global group structure for exotic states. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	24
149	$X(1812)$ in the quarkonia-gluonball-hybrid mixing scheme. <i>Physical Review D</i> , 2006 , 73,	4.9	24
148	Searching for possible \bar{B} -like molecular states from meson-baryon interaction. <i>Physical Review D</i> , 2018 , 97,	4.9	23
147	New structure around 3250 MeV in the baryonic B decay and the $(D^*_{-}(2400)N)$ molecular hadron. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	23
146	Line shape of the radiative open-charm decay of $Y(4140)$ and $Y(3930)$. <i>Physical Review D</i> , 2009 , 80,	4.9	23
145	Some properties of the newly observed $X(1835)$ state at BES. <i>European Physical Journal C</i> , 2007 , 49, 731-736	4.2	23
144	DD^* potentials in chiral effective field theory and possible molecular states. <i>Physical Review D</i> , 2019 , 99,	4.9	23
143	D-wave heavy-light mesons from QCD sum rules. <i>Physical Review D</i> , 2014 , 90,	4.9	22
142	Charged bottomoniumlike structures in the hidden-bottom dipion decays of $(\Upsilon(1020))$. <i>Physical Review D</i> , 2011 , 84,	4.9	22
141	Hadronic molecules with both open charm and bottom. <i>Physical Review D</i> , 2012 , 85,	4.9	22

140	Strong decay patterns of the hidden-charm pentaquark states $P_c(4380)$ and $P_c(4450)$. <i>Physical Review D</i> , 2016 , 93,	4.9	21
139	Observation of $e^+e^- \rightarrow \chi_{c0}$ and missing higher charmonium (χ_{cS}). <i>Physical Review D</i> , 2015 , 91,	4.9	21
138	Towards two-body strong decay behavior of higher χ and ψ mesons. <i>Physical Review D</i> , 2013 , 88,	4.9	21
137	DD^* production and their interactions. <i>Physical Review D</i> , 2010 , 82,	4.9	21
136	Systematic studies of charmonium-, bottomonium-, and Bc-like tetraquark states. <i>Physical Review D</i> , 2019 , 99,	4.9	21
135	$B_c^{(*)}B_c^{(*)}$ interactions in chiral effective field theory. <i>Physical Review D</i> , 2019 , 99,	4.9	21
134	Triply heavy tetraquark states with the $(QQ\bar{Q}\bar{q})$ configuration. <i>European Physical Journal A</i> , 2017 , 53, 1	2.5	20
133	Strong decays of the XYZ states. <i>Physical Review D</i> , 2015 , 91,	4.9	20
132	D-wave heavy baryons of the SU(3) flavor 6F representation. <i>Physical Review D</i> , 2017 , 96,	4.9	20
131	Surveying exotic pentaquarks with the typical $QQqqq$ configuration. <i>Physical Review C</i> , 2018 , 98,	2.7	20
130	Two charged strangeonium-like structures observable in the $Y(2175)-\chi(1020) \rightarrow \pi\pi$ process. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	19
129	Prediction of triple-charm molecular pentaquarks. <i>Physical Review D</i> , 2017 , 96,	4.9	19
128	Combined study of 2S and 1D open-charm mesons with natural spin-parity. <i>Physical Review D</i> , 2015 , 92,	4.9	19
127	Dipion decays of heavy baryons. <i>Chinese Physics C</i> , 2014 , 38, 113101	2.2	18
126	Prediction for the decay width of a charged state near the $D_s D_c^*/D_s^* D_c$ threshold. <i>Physical Review D</i> , 2013 , 88,	4.9	18
125	Production of the charmed baryon $\bar{\Lambda}(2940)^+$ at PANDA. <i>Physical Review D</i> , 2011 , 84,	4.9	18
124	The molecular systems composed of the charmed mesons in the $(H\bar{c}S+h.c.)$ doublet. <i>European Physical Journal C</i> , 2010 , 70, 183-217	4.2	18
123	$(D_{s1}^{*-}(2860))$ and $(D_{s3}^{*-}(2860))$: candidates for (1D) charmed-strange mesons. <i>European Physical Journal C</i> , 2015 , 75, 1	4.2	17

122	A systematic study of mass spectra and strong decay of strange mesons. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	16
121	Suggested search for doubly charmed baryons of $JP=3/2^+$ via their electromagnetic transitions. <i>Physical Review D</i> , 2018 , 97,	4.9	16
120	Heavy molecules and one- π -exchange model. <i>Physical Review D</i> , 2017 , 96,	4.9	16
119	Newly observed $\bar{D}(2860)^+$ at LHCb and its D-wave partners $\bar{D}(2880)^+$, $\bar{D}(3055)^+$ and $\bar{D}(3080)^+$. <i>Physical Review D</i> , 2017 , 95,	4.9	16
118	Resolving the puzzling decay patterns of charged Z_c and Z_b states. <i>Physical Review D</i> , 2014 , 90,	4.9	16
117	Novel charged charmoniumlike structures in the hidden-charm dipion decays of $Y(4360)$. <i>Physical Review D</i> , 2013 , 88,	4.9	16
116	Dipion invariant mass distribution of the anomalous $\chi(1S)$ and $\chi(2S)$ production near the peak of $\chi(10860)$. <i>Physical Review D</i> , 2011 , 84,	4.9	16
115	Charm physics – A field full of challenges and opportunities. <i>Frontiers of Physics in China</i> , 2009 , 4, 49-74		16
114	Discovery potential for charmoniumlike state $Y(3940)$ by the meson photoproduction. <i>Physical Review D</i> , 2009 , 80,	4.9	16
113	Long-distant contribution and π^1 radiative decays to light vector meson. <i>European Physical Journal C</i> , 2010 , 70, 177-182	4.2	16
112	D wave heavy mesons. <i>Physical Review D</i> , 2007 , 75,	4.9	16
111	Understanding the newly observed $Y(4008)$ by Belle. <i>European Physical Journal C</i> , 2008 , 54, 471-474	4.2	16
110	$X(1576)$ and the final state interaction effect. <i>Physical Review D</i> , 2007 , 75,	4.9	16
109	Toward charged ($Z_{cs}(3985)$) structure under a reflection mechanism. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	16
108	Probing new types of P_c states inspired by the interaction between an S-wave charmed baryon and an anticharmed meson in a T -doublet state. <i>Physical Review C</i> , 2020 , 101,	2.7	15
107	Explaining the anomalous $\chi(5S)$ - \bar{D}^*J decays through the hadronic loop effect. <i>Physical Review D</i> , 2014 , 90,	4.9	15
106	Interpretation of $Z_b(10610)$ and $Z_b(10650)$ in the ISPE mechanism and the Charmonium Counterpart. <i>Chinese Physics C</i> , 2014 , 38, 053102	2.2	15
105	Constructing J/ψ family with updated data of charmoniumlike Y states. <i>Physical Review D</i> , 2019 , 99,	4.9	14

104	Probing hidden-charm decay properties of Pc states in a molecular scenario. <i>Physical Review D</i> , 2020 , 102,	4.9	14
103	Unified Fano-like interference picture for charmoniumlike states Y(4008), Y(4260) and Y(4360). <i>Physical Review D</i> , 2016 , 93,	4.9	14
102	Erratum to [Novel charmonium-like structures in the J/ψ and J/ψ invariant mass spectra [Phys. Lett. B 699 (2011) 341]. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 577	4.2	14
101	Mass spectra for qcq , scs , qbq , sbs tetraquark states with $JPC=0^{++}$ and 2^{++} . <i>Physical Review D</i> , 2017 , 96,	4.9	14
100	$a_1(1420)$ resonance as a tetraquark state and its isospin partner. <i>Physical Review D</i> , 2015 , 91,	4.9	14
99	Light axial vector mesons. <i>Physical Review D</i> , 2015 , 91,	4.9	14
98	Two-body open charm decays of $Z^+(4430)$. <i>Physical Review D</i> , 2008 , 77,	4.9	14
97	Is the newly reported X(5568) a BK molecular state?. <i>Physical Review D</i> , 2016 , 94,	4.9	14
96	Possible triple-charm molecular pentaquarks from $\bar{c}cD1/\bar{c}cD2^*$ interactions. <i>Physical Review D</i> , 2019 , 99,	4.9	13
95	Pseudotensor meson family. <i>Physical Review D</i> , 2015 , 91,	4.9	13
94	Regge-like relation and a universal description of heavy-light systems. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	13
93	Establishing the first hidden-charm pentaquark with strangeness. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	13
92	Higher bottomonium zoo. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	13
91	Exotic triple-charm deuteronlike hexaquarks. <i>Physical Review D</i> , 2018 , 97,	4.9	13
90	Study on the rare decays of Y(4630) induced by final state interactions. <i>Physical Review D</i> , 2016 , 93,	4.9	12
89	Interference effect as resonance killer of newly observed charmoniumlike states Y(4320) and Y(4390). <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	12
88	Constructing new pseudoscalar meson nonets with the observed X(2100), X(2500), and $\chi(2225)$. <i>Physical Review D</i> , 2017 , 96,	4.9	12
87	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

86	Exotic four quark matter: Z1(4475). <i>Physical Review D</i> , 2014 , 90,	4.9	12
85	Probing the XYZ states through radiative decays. <i>Physical Review D</i> , 2014 , 90,	4.9	12
84	Probing charmoniumlike state X(3915) through meson photoproduction. <i>Physical Review D</i> , 2014 , 89,	4.9	12
83	Revisiting the production of charmonium plus a light meson at PANDA. <i>Physical Review D</i> , 2012 , 86,	4.9	12
82	Effects of hadronic loops on the direct CP violation of Bc. <i>Physical Review D</i> , 2008 , 77,	4.9	12
81	Perfect DD* Molecular Prediction Matching the T cc Observation at LHCb. <i>Chinese Physics Letters</i> , 2021 , 38, 092001	1.8	12
80	Newly observed B(5970) and the predictions of its spin and strange partners. <i>Physical Review D</i> , 2014 , 89,	4.9	11
79	Phenomenological study of the isovector tensor meson family. <i>Physical Review D</i> , 2014 , 90,	4.9	11
78	Does the enhancement observed in $(\gamma\gamma \rightarrow D\bar{D})$ contain two P-wave higher charmonia?. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	11
77	Understanding the branching ratios of $B_1 \rightarrow K^* \gamma$, ρ^0 observed at BES-III. <i>Physical Review D</i> , 2010 , 81,	4.9	11
76	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
75	Transitions between charmonia with meson loop contributions. <i>Physical Review D</i> , 2013 , 87,	4.9	10
74	Possible heavy molecular states composed of a pair of excited charm-strange mesons. <i>Chinese Physics C</i> , 2011 , 35, 113-125	2.2	10
73	The signal of Z ₁ (4430) in nucleon-antinucleon scattering. <i>European Physical Journal C</i> , 2008 , 58, 217-221	4.2	10
72	Are the Y states around 4.6 GeV from e^+e^- annihilation higher charmonia?. <i>Physical Review D</i> , 2020 , 101,	4.9	10
71	Interpretation of the observed $B(6146)0$ and $\bar{B}(6152)0$ states as 1D bottom baryons. <i>Physical Review D</i> , 2019 , 100,	4.9	10
70	Search for missing $\chi(4S)$ in the $e^+e^- \rightarrow \chi(4S)$ process. <i>Physical Review D</i> , 2016 , 93,	4.9	9
69	The strong decay patterns of (Z_c) and (Z_b) states in the relativized quark model. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	9

68	Anomalous radiative transitions between $h_b(nP)$ and $B(mS)$ and hadronic loop effect. <i>Physical Review D</i> , 2013 , 87,	4.9	9
67	Estimating mass of χ meson and study on application of the linear χ model. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2004 , 30, 841-851	2.9	9
66	Exploring open-charm decay mode (Λ_{cb}) of charmonium-like state $Y(4630)$. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	9
65	Doubly hidden-charm/bottom $QQQQ$ tetraquark states. <i>EPJ Web of Conferences</i> , 2018 , 182, 02028	0.3	9
64	THE THEORETICAL REVIEW OF EXCITED D/Ds MESONS. <i>International Journal of Modern Physics Conference Series</i> , 2011 , 02, 147-152	0.7	8
63	Anomalous dipion invariant mass distribution of the $\psi(4S)$ decays into $\psi(1S)\pi^+\pi^-$ and $\psi(2S)\pi^+\pi^-$ <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	8
62	Possibility of search for new physics at the CERN LHCb. <i>Physical Review D</i> , 2008 , 77,	4.9	8
61	Simulating the charged charmoniumlike structure ($Z_c(4025)$). <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	7
60	Predicting exotic molecular states composed of nucleon and P-wave charmed meson. <i>Physical Review D</i> , 2014 , 90,	4.9	7
59	Novel explanation of charmoniumlike structure in $e^+e^- \rightarrow \psi(2S)\pi^+\pi^-$ <i>Physical Review D</i> , 2011 , 83,	4.9	7
58	Doubly charmed molecular pentaquarks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 136693	4.2	7
57	Revealing the inner structure of the newly observed $D_2^*(3000)$. <i>Physical Review D</i> , 2016 , 94,	4.9	6
56	Searching for hidden-charm baryonium signals in QCD sum rules. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	6
55	High-spin mesons below 3 GeV. <i>Physical Review D</i> , 2015 , 92,	4.9	6
54	Numerical analysis of the production of $D^{(*)}(3000)$, $D_{sJ}(3040)$ and their partners through the semileptonic decays of $B(s)$ mesons in terms of the light front quark model. <i>Physical Review D</i> , 2014 , 90,	4.9	6
53	Cross sections of the $Zn^{67}(n, \bar{p})^{64}Ni$ reaction at 4.0, 5.0, and 6.0 MeV. <i>Physical Review C</i> , 2010 , 82,	2.7	6
52	Revisiting $B^+ \rightarrow X(3872) + K^+$ in pQCD assigning to $X(3872)$ 2^3P_1 charmonium. <i>European Physical Journal C</i> , 2007 , 49, 643-650	4.2	6
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49	Prediction of anomalous $\chi(5S)$ - $\chi(13DJ)$ transitions. <i>Physical Review D</i> , 2016 , 94,	4.9	6
48	Study of structures and dynamical decay mechanisms for multi-quark systems. <i>Physical Review D</i> , 2016 , 93,	4.9	5
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46	Study of unflavored light mesons with $JPC=2^{-++}$ <i>Physical Review D</i> , 2019 , 99,	4.9	5
45	Cross-section measurement and analysis for the $Sm^{149}(n, \gamma)Nd^{146}$ reaction at 6.0 MeV. <i>Physical Review C</i> , 2010 , 82,	2.7	5
44	Semileptonic decays of B_s^1 , $B^* s_2$, B_s^0 and B_s^1 ?. <i>European Physical Journal C</i> , 2009 , 60, 403-411	4.2	5
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37	Studying $X(2100)$ hadronic decays and predicting its pion and kaon induced productions. <i>Physical Review D</i> , 2020 , 101,	4.9	4
36	Pion-induced production of the $Z_c(3900)$ off a nuclear target. <i>Physical Review D</i> , 2016 , 93,	4.9	4
35	Implication of the observed $(e^+e^- \rightarrow p\bar{p}\pi^0)$ for studying the $(p\bar{p} \rightarrow \psi(3770)\pi^0)$ process. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	4
34	Using $X(3823)$ - $\chi(13DJ)$ to identify coupled-channel effects. <i>Frontiers of Physics</i> , 2016 , 11, 1	3.7	4
33	Charged Bottomonium-Like Structures $Z_b(10610)$ and $Z_b(10650)$. <i>Few-Body Systems</i> , 2013 , 54, 165-170.6	4	4

32	First estimate of producing the charmed baryon $\bar{D}(2880)$ at PANDA. <i>Physical Review D</i> , 2014 , 90,	4.9	4
31	Resolving the low mass puzzle of $(\Lambda_c(2940)^+)$. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	4
30	Fully heavy pentaquarks. <i>Physical Review D</i> , 2021 , 103,	4.9	4
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28	Prediction of isoscalar charmoniumlike structures in the hidden-charm di-eta decays of higher charmonia. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2015 , 42, 015002	2.9	3
27	Possibility of charmoniumlike state $X(3915)$ as $\bar{D}(2P)$ state. <i>Physical Review D</i> , 2020 , 101,	4.9	3
26	Charged charmoniumlike structures in the $(e^+ e^- \rightarrow \psi(3686) \pi^+ \pi^-)$ process based on the ISPE mechanism. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	3
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22	Exploration of charmed pentaquarks. <i>Physical Review D</i> , 2015 , 91,	4.9	2
21	K^* molecular explanation to the newly observed $\bar{D}(1620)^0$. <i>Physical Review D</i> , 2019 , 100,	4.9	2
20	Few-Body Systems Composed of Heavy Quarks. <i>Few-Body Systems</i> , 2013 , 54, 807-812	1.6	2
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13	Prediction of hidden-charm pentaquarks with double strangeness. <i>Physical Review D</i> , 2021 , 103,	4.9	2
12	Revisiting semileptonic decays of $B(c)$ supported by baryon spectroscopy. <i>Physical Review D</i> , 2021 , 104,	4.9	2
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