

Xiang Liu

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1188026/xiang-liu-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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 | Predicting another doubly charmed molecular resonance T_{cc}^{*+} (3876). <i>Physical Review D</i> , 2021 , 104, | 4.9 | 3 |
| 228 | Perfect DD^* Molecular Prediction Matching the T_{cc} Observation at LHCb. <i>Chinese Physics Letters</i> , 2021 , 38, 092001 | 1.8 | 12 |
| 227 | Hidden-charm pentaquarks with triple strangeness due to the $\bar{D}^{(*)}D\bar{c}$ interactions. <i>Physical Review D</i> , 2021 , 103, | 4.9 | 2 |
| 226 | Predicting a new resonance as charmed-strange baryonic analog of $D_{s0}^*(2317)$. <i>Physical Review D</i> , 2021 , 103, | 4.9 | 2 |
| 225 | Producing fully charm structures in the J/ψ pair invariant mass spectrum. <i>Physical Review D</i> , 2021 , 103, | 4.9 | 6 |
| 224 | Fully heavy pentaquarks. <i>Physical Review D</i> , 2021 , 103, | 4.9 | 4 |
| 223 | Universal behavior of mass gaps existing in the single heavy baryon family. <i>European Physical Journal C</i> , 2021 , 81, 1 | 4.2 | 1 |
| 222 | Establishing the first hidden-charm pentaquark with strangeness. <i>European Physical Journal C</i> , 2021 , 81, 1 | 4.2 | 13 |
| 221 | Fully-heavy structures in the invariant mass spectrum of $J/\psi(B686)$, $J/\psi(B770)$, $\psi(B686)\psi(B686)$, and $J/\psi(1S)$ at hadron colliders. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 816, 136209 | 4.2 | 2 |
| 220 | Electron-ion collider in China. <i>Frontiers of Physics</i> , 2021 , 16, 1 | 3.7 | 32 |
| 219 | Heavy flavor pentaquarks with four heavy quarks. <i>Physical Review D</i> , 2021 , 103, | 4.9 | 1 |
| 218 | Mapping a new cluster of charmoniumlike structures at $e+e$ collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 817, 136345 | 4.2 | 2 |
| 217 | Toward charged (Z_{cs} (3985)) structure under a reflection mechanism. <i>European Physical Journal C</i> , 2021 , 81, 1 | 4.2 | 16 |
| 216 | Prediction of hidden-charm pentaquarks with double strangeness. <i>Physical Review D</i> , 2021 , 103, | 4.9 | 2 |
| 215 | Revisiting semileptonic decays of $B(c)$ supported by baryon spectroscopy. <i>Physical Review D</i> , 2021 , 104, | 4.9 | 2 |
| 214 | Newly observed $X(4630)$: a new charmoniumlike molecule. <i>European Physical Journal C</i> , 2021 , 81, 1 | 4.2 | 2 |
| 213 | Deciphering the light vector meson contribution to the cross sections of $e+e$ annihilations into the open-strange channels through a combined analysis. <i>Physical Review D</i> , 2021 , 104, | 4.9 | 2 |

| | | | |
|-----|--|------|-----|
| 212 | Doubly charmed molecular pentaquarks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 136693 | 4.2 | 7 |
| 211 | Strong decays of fully-charm tetraquarks into di-charmonia. <i>Science Bulletin</i> , 2020 , 65, 1994-2000 | 10.6 | 27 |
| 210 | Exotic double-charm molecular states with hidden or open strangeness and around 4.5~4.7 GeV. <i>Physical Review D</i> , 2020 , 102, | 4.9 | 4 |
| 209 | Toward $e+e\rightarrow\bar{c}c$ annihilation inspired by higher χ mesonic states around 2.2 GeV. <i>Physical Review D</i> , 2020 , 102, | 4.9 | 1 |
| 208 | Probing hidden-charm decay properties of Pc states in a molecular scenario. <i>Physical Review D</i> , 2020 , 102, | 4.9 | 14 |
| 207 | Possibility of charmoniumlike state X(3915) as $\bar{c}0(2P)$ state. <i>Physical Review D</i> , 2020 , 101, | 4.9 | 3 |
| 206 | Study of the χ meson family and newly observed χ like state X(2240). <i>Physical Review D</i> , 2020 , 101, | 4.9 | 4 |
| 205 | Probing new types of Pc states inspired by the interaction between an S-wave charmed baryon and an anticharmed meson in a T_1 doublet state. <i>Physical Review C</i> , 2020 , 101, | 2.7 | 15 |
| 204 | Studying X(2100) hadronic decays and predicting its pion and kaon induced productions. <i>Physical Review D</i> , 2020 , 101, | 4.9 | 4 |
| 203 | Potential higher radial excitations in the light pseudoscalar meson family. <i>Physical Review D</i> , 2020 , 102, | 4.9 | 1 |
| 202 | Resolving the low mass puzzle of $(\Lambda_c(2940)^+)$. <i>European Physical Journal C</i> , 2020 , 80, 1 | 4.2 | 4 |
| 201 | Are the Y states around 4.6 GeV from $e+e\rightarrow\bar{c}c$ annihilation higher charmonia?. <i>Physical Review D</i> , 2020 , 101, | 4.9 | 10 |
| 200 | Universal non-resonant explanation to charmoniumlike structures ($Z_c(3885)$) and ($Z_c(4025)$). <i>European Physical Journal C</i> , 2020 , 80, 1 | 4.2 | 2 |
| 199 | Exotic pentaquark states with the $qqQQQ\bar{c}$ configuration. <i>Physical Review D</i> , 2019 , 100, | 4.9 | 4 |
| 198 | Possible triple-charm molecular pentaquarks from $\bar{c}cD1/\bar{c}cD2^*$ interactions. <i>Physical Review D</i> , 2019 , 99, | 4.9 | 13 |
| 197 | Constructing J/ψ family with updated data of charmoniumlike Y states. <i>Physical Review D</i> , 2019 , 99, | 4.9 | 14 |
| 196 | Pentaquark and Tetraquark States. <i>Progress in Particle and Nuclear Physics</i> , 2019 , 107, 237-320 | 10.6 | 218 |
| 195 | Estimating the production rates of D -wave charmed mesons via the semileptonic decays of bottom mesons. <i>Chinese Physics C</i> , 2019 , 43, 023106 | 2.2 | 1 |

| | | | |
|-----|---|-----|----|
| 194 | Study of unflavored light mesons with $JPC=2^{-+}$. <i>Physical Review D</i> , 2019 , 99, | 4.9 | 5 |
| 193 | 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 |
| 192 | Strong LHCb evidence supporting the existence of the hidden-charm molecular pentaquarks. <i>Physical Review D</i> , 2019 , 100, | 4.9 | 87 |
| 191 | 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 |
| 190 | χ_{c0} molecular explanation to the newly observed $\chi(1620)0$. <i>Physical Review D</i> , 2019 , 100, | 4.9 | 2 |
| 189 | DD^* potentials in chiral effective field theory and possible molecular states. <i>Physical Review D</i> , 2019 , 99, | 4.9 | 23 |
| 188 | Systematic studies of charmonium-, bottomonium-, and B_c -like tetraquark states. <i>Physical Review D</i> , 2019 , 99, | 4.9 | 21 |
| 187 | $B_c^{(*)} B_c^{(*)}$ interactions in chiral effective field theory. <i>Physical Review D</i> , 2019 , 99, | 4.9 | 21 |
| 186 | Interpretation of the observed $B(6146)0$ and $B(6152)0$ states as 1D bottom baryons. <i>Physical Review D</i> , 2019 , 100, | 4.9 | 10 |
| 185 | Searching for possible B_c -like molecular states from meson-baryon interaction. <i>Physical Review D</i> , 2018 , 97, | 4.9 | 23 |
| 184 | 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 |
| 183 | Regge-like relation and a universal description of heavy-light systems. <i>European Physical Journal C</i> , 2018 , 78, 1 | 4.2 | 13 |
| 182 | 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 |
| 181 | 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 |
| 180 | Higher bottomonium zoo. <i>European Physical Journal C</i> , 2018 , 78, 1 | 4.2 | 13 |
| 179 | Doubly hidden-charm/bottom $QQQQ$ tetraquark states. <i>EPJ Web of Conferences</i> , 2018 , 182, 02028 | 0.3 | 9 |
| 178 | Surveying exotic pentaquarks with the typical $QQqqq$ configuration. <i>Physical Review C</i> , 2018 , 98, | 2.7 | 20 |
| 177 | Exotic triple-charm deuteronlike hexaquarks. <i>Physical Review D</i> , 2018 , 97, | 4.9 | 13 |

| | | | |
|-----|--|------|-----|
| 176 | Role of newly discovered $B(6227)F$ for constructing excited bottom baryon family. <i>Physical Review D</i> , 2018 , 98, | 4.9 | 26 |
| 175 | D-Wave Heavy Baryons from QCD Sum Rules. <i>International Journal of Modern Physics Conference Series</i> , 2018 , 46, 1860083 | 0.7 | 0 |
| 174 | Heavy-flavored tetraquark states with the $QQQ\bar{Q}$ configuration. <i>Physical Review D</i> , 2018 , 97, | 4.9 | 55 |
| 173 | Triply heavy tetraquark states with the $(QQ\bar{Q}\bar{q})$ configuration. <i>European Physical Journal A</i> , 2017 , 53, 1 | 2.5 | 20 |
| 172 | A review of the open charm and open bottom systems. <i>Reports on Progress in Physics</i> , 2017 , 80, 076201 | 14.4 | 182 |
| 171 | Low-lying charmed and charmed-strange baryon states. <i>European Physical Journal C</i> , 2017 , 77, 1 | 4.2 | 42 |
| 170 | Exotic tetraquark states with the $(qq\bar{Q}\bar{Q})$ configuration. <i>European Physical Journal C</i> , 2017 , 77, 1 | 4.2 | 56 |
| 169 | A systematic study of mass spectra and strong decay of strange mesons. <i>European Physical Journal C</i> , 2017 , 77, 1 | 4.2 | 16 |
| 168 | Establishing low-lying doubly charmed baryons. <i>Physical Review D</i> , 2017 , 96, | 4.9 | 38 |
| 167 | Hidden-charm pentaquarks and their hidden-bottom and Bc-like partner states. <i>Physical Review D</i> , 2017 , 95, | 4.9 | 34 |
| 166 | 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 |
| 165 | Chiral corrections to the 1^3P_0 exotic meson mass. <i>Chinese Physics C</i> , 2017 , 41, 043101 | 2.2 | |
| 164 | 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 |
| 163 | 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 |
| 162 | Exploring the $(\Upsilon(6S) \rightarrow \chi_{bJ}\phi)$ and $(\Upsilon(6S) \rightarrow \chi_{bJ}\omega)$ hidden-bottom hadronic transitions. <i>European Physical Journal C</i> , 2017 , 77, 1 | 4.2 | 3 |
| 161 | D-wave heavy baryons of the SU(3) flavor 6F representation. <i>Physical Review D</i> , 2017 , 96, | 4.9 | 20 |
| 160 | Production of the charmoniumlike state Y(4220) through the $pp \rightarrow K(4220)\bar{D}$ reaction. <i>Physical Review D</i> , 2017 , 96, | 4.9 | 1 |
| 159 | Mass spectra for $qcq\bar{c}$, $scs\bar{c}$, $qbq\bar{b}$, $sbs\bar{b}$ tetraquark states with $JPC=0^{++}$ and 2^{++} . <i>Physical Review D</i> , 2017 , 96, | 4.9 | 14 |

| | | | |
|-----|---|-----|----|
| 158 | Heavy molecules and one- \bar{c} exchange model. <i>Physical Review D</i> , 2017 , 96, | 4.9 | 16 |
| 157 | Decay properties of P-wave charmed baryons from light-cone QCD sum rules. <i>Physical Review D</i> , 2017 , 95, | 4.9 | 65 |
| 156 | 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 |
| 155 | New $\bar{c}0$ baryons discovered by LHCb as the members of 1P and 2S states. <i>Physical Review D</i> , 2017 , 96, | 4.9 | 35 |
| 154 | Prediction of triple-charm molecular pentaquarks. <i>Physical Review D</i> , 2017 , 96, | 4.9 | 19 |
| 153 | Possible strange hidden-charm pentaquarks from and interactions. <i>Chinese Physics C</i> , 2017 , 41, 103105 | 2.2 | 30 |
| 152 | Newly observed $\bar{c}(2860)^+$ at LHCb and its D-wave partners $\bar{c}(2880)^+$, $\bar{c}(3055)^+$ and $\bar{c}(3080)^+$. <i>Physical Review D</i> , 2017 , 95, | 4.9 | 16 |
| 151 | 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 |
| 150 | Pion-induced production of the $Z_c(3900)$ off a nuclear target. <i>Physical Review D</i> , 2016 , 93, | 4.9 | 4 |
| 149 | Search for missing $\bar{c}(4S)$ in the $e^+e^- \rightarrow \bar{c}c$ process. <i>Physical Review D</i> , 2016 , 93, | 4.9 | 9 |
| 148 | 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 |
| 147 | Study on the rare decays of $Y(4630)$ induced by final state interactions. <i>Physical Review D</i> , 2016 , 93, | 4.9 | 12 |
| 146 | Study of structures and dynamical decay mechanisms for multiquark systems. <i>Physical Review D</i> , 2016 , 93, | 4.9 | 5 |
| 145 | $X(5568)$ and its partner states. <i>Physical Review D</i> , 2016 , 93, | 4.9 | 40 |
| 144 | Revealing the inner structure of the newly observed $D_2^*(3000)$. <i>Physical Review D</i> , 2016 , 94, | 4.9 | 6 |
| 143 | Magnetic moments of the hidden-charm pentaquark states. <i>Physical Review D</i> , 2016 , 94, | 4.9 | 25 |
| 142 | D-wave charmed and bottomed baryons from QCD sum rules. <i>Physical Review D</i> , 2016 , 94, | 4.9 | 49 |
| 141 | Searching for hidden-charm baryonium signals in QCD sum rules. <i>European Physical Journal C</i> , 2016 , 76, 1 | 4.2 | 6 |

| | | | |
|-----|--|------|-----|
| 140 | QCD sum rule study of hidden-charm pentaquarks. <i>European Physical Journal C</i> , 2016 , 76, 1 | 4.2 | 39 |
| 139 | Predictions of the hidden-charm molecular states with the four quark components. <i>European Physical Journal C</i> , 2016 , 76, 1 | 4.2 | 5 |
| 138 | The hidden-charm pentaquark and tetraquark states. <i>Physics Reports</i> , 2016 , 639, 1-121 | 27.7 | 600 |
| 137 | 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 |
| 136 | Using $X(3823)$ to identify coupled-channel effects. <i>Frontiers of Physics</i> , 2016 , 11, 1 | 3.7 | 4 |
| 135 | Prediction of anomalous $\psi(5S) \rightarrow \psi(13DJ)$ transitions. <i>Physical Review D</i> , 2016 , 94, | 4.9 | 6 |
| 134 | Is the newly reported $X(5568)$ a $B\bar{K}$ molecular state?. <i>Physical Review D</i> , 2016 , 94, | 4.9 | 14 |
| 133 | $X(4140)$, $X(4270)$, $X(4500)$, and $X(4700)$ and their $c\bar{s}b\bar{b}$ tetraquark partners. <i>Physical Review D</i> , 2016 , 94, | 4.9 | 33 |
| 132 | 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 |
| 131 | Can $X(5568)$ be described as a $B_s \bar{B}K$ resonant state?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 757, 515-519 | 4.2 | 38 |
| 130 | Hidden-charm molecular pentaquarks and their charm-strange partners. <i>Nuclear Physics A</i> , 2016 , 954, 406-421 | 1.3 | 40 |
| 129 | Understanding $B\bar{K}(3823)K$ via rescattering mechanism and predicting $B\bar{K}(D12)/B(D33)K$ <i>Physical Review D</i> , 2016 , 94, | 4.9 | 5 |
| 128 | Decoding the $X(5568)$ as a Fully Open-Flavor $\bar{d}d$ Tetraquark State. <i>Physical Review Letters</i> , 2016 , 117, 022002 | 7.4 | 42 |
| 127 | Differential and angle-integrated cross sections for the $^{40}\text{Ca}(n, \bar{n})^{37}\text{Ar}$ reaction from 4.0 to 6.5 MeV. <i>European Physical Journal A</i> , 2015 , 51, 1 | 2.5 | 3 |
| 126 | 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 |
| 125 | Charmed-strange mesons revisited: Mass spectra and strong decays. <i>Physical Review D</i> , 2015 , 91, | 4.9 | 42 |
| 124 | P-wave charmed baryons from QCD sum rules. <i>Physical Review D</i> , 2015 , 91, | 4.9 | 67 |
| 123 | Strong decays of the XYZ states. <i>Physical Review D</i> , 2015 , 91, | 4.9 | 20 |

| | | | |
|-----|---|-----|-----|
| 122 | Exploration of charmed pentaquarks. <i>Physical Review D</i> , 2015 , 91, | 4.9 | 2 |
| 121 | Pseudotensor meson family. <i>Physical Review D</i> , 2015 , 91, | 4.9 | 13 |
| 120 | ($D_{s1}^{*(2860)}$) and ($D_{s3}^{*(2860)}$): candidates for (1D) charmed-strange mesons. <i>European Physical Journal C</i> , 2015 , 75, 1 | 4.2 | 17 |
| 119 | $a_1(1420)$ resonance as a tetraquark state and its isospin partner. <i>Physical Review D</i> , 2015 , 91, | 4.9 | 14 |
| 118 | Observation of $e^+e^- \rightarrow \chi_{c0}$ and missing higher charmonium (χ_{c4}). <i>Physical Review D</i> , 2015 , 91, | 4.9 | 21 |
| 117 | Masses and axial currents of the doubly charmed baryons. <i>Physical Review D</i> , 2015 , 91, | 4.9 | 35 |
| 116 | High-spin mesons below 3 GeV. <i>Physical Review D</i> , 2015 , 92, | 4.9 | 6 |
| 115 | Combined study of 2S and 1D open-charm mesons with natural spin-parity. <i>Physical Review D</i> , 2015 , 92, | 4.9 | 19 |
| 114 | Higher radial and orbital excitations in the charmed meson family. <i>Physical Review D</i> , 2015 , 92, | 4.9 | 31 |
| 113 | QCD sum rule calculation for P-wave bottom baryons. <i>Physical Review D</i> , 2015 , 92, | 4.9 | 50 |
| 112 | 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 |
| 111 | Identifying Exotic Hidden-Charm Pentaquarks. <i>Physical Review Letters</i> , 2015 , 115, 132002 | 7.4 | 161 |
| 110 | Towards Exotic Hidden-Charm Pentaquarks in QCD. <i>Physical Review Letters</i> , 2015 , 115, 172001 | 7.4 | 142 |
| 109 | Light axial vector mesons. <i>Physical Review D</i> , 2015 , 91, | 4.9 | 14 |
| 108 | Simulating the charged charmoniumlike structure ($Z_c(4025)$). <i>European Physical Journal C</i> , 2014 , 74, 1 | 4.2 | 7 |
| 107 | $\Lambda_s X(3915)$ accessible at meson photoproduction experiment?. <i>EPJ Web of Conferences</i> , 2014 , 81, 06011 | 0.3 | |
| 106 | D-wave heavy-light mesons from QCD sum rules. <i>Physical Review D</i> , 2014 , 90, | 4.9 | 22 |
| 105 | An overview of XYZ new particles. <i>Science Bulletin</i> , 2014 , 59, 3815-3830 | | 88 |

| | | | |
|-----|--|-----|----|
| 104 | Explaining the anomalous $\chi(5S)$ - $\chi(3D)$ decays through the hadronic loop effect. <i>Physical Review D</i> , 2014 , 90, | 4.9 | 15 |
| 103 | Newly observed $B(5970)$ and the predictions of its spin and strange partners. <i>Physical Review D</i> , 2014 , 89, | 4.9 | 11 |
| 102 | First estimate of producing the charmed baryon $\bar{\chi}(2880)$ at PANDA. <i>Physical Review D</i> , 2014 , 90, | 4.9 | 4 |
| 101 | Exotic four quark matter: $Z_1(4475)$. <i>Physical Review D</i> , 2014 , 90, | 4.9 | 12 |
| 100 | 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 |
| 99 | Higher bottom and bottom-strange mesons. <i>Physical Review D</i> , 2014 , 89, | 4.9 | 46 |
| 98 | Phenomenological study of the isovector tensor meson family. <i>Physical Review D</i> , 2014 , 90, | 4.9 | 11 |
| 97 | Resolving the puzzling decay patterns of charged Z_c and Z_b states. <i>Physical Review D</i> , 2014 , 90, | 4.9 | 16 |
| 96 | Probing the XYZ states through radiative decays. <i>Physical Review D</i> , 2014 , 90, | 4.9 | 12 |
| 95 | A possible global group structure for exotic states. <i>European Physical Journal C</i> , 2014 , 74, 1 | 4.2 | 24 |
| 94 | Predicting exotic molecular states composed of nucleon and P-wave charmed meson. <i>Physical Review D</i> , 2014 , 90, | 4.9 | 7 |
| 93 | Probing charmoniumlike state $X(3915)$ through meson photoproduction. <i>Physical Review D</i> , 2014 , 89, | 4.9 | 12 |
| 92 | 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 |
| 91 | 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 |
| 90 | Dipion decays of heavy baryons. <i>Chinese Physics C</i> , 2014 , 38, 113101 | 2.2 | 18 |
| 89 | Anomalous radiative transitions between $h_b(nP)$ and $\bar{B}(mS)$ and hadronic loop effect. <i>Physical Review D</i> , 2013 , 87, | 4.9 | 9 |
| 88 | Few-Body Systems Composed of Heavy Quarks. <i>Few-Body Systems</i> , 2013 , 54, 807-812 | 1.6 | 2 |
| 87 | $Z_c(4025)$ as the hadronic molecule with hidden charm. <i>European Physical Journal C</i> , 2013 , 73, 1 | 4.2 | 34 |

| | | | |
|----|---|-----|----|
| 86 | Charged Bottomonium-Like Structures $Z_b(10610)$ and $Z_b(10650)$. <i>Few-Body Systems</i> , 2013 , 54, 165-170. | 4.6 | 4 |
| 85 | Final state interaction contribution to the observed B_s decays into $K+K^*$ and ηK^* . <i>Physical Review D</i> , 2013 , 87, | 4.9 | 3 |
| 84 | Reproducing the $Z_c(3900)$ structure through the initial-single-pion-emission mechanism. <i>Physical Review D</i> , 2013 , 88, | 4.9 | 64 |
| 83 | 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 |
| 82 | Novel charged charmoniumlike structures in the hidden-charm dipion decays of $Y(4360)$. <i>Physical Review D</i> , 2013 , 88, | 4.9 | 16 |
| 81 | Transitions between charmonia with meson loop contributions. <i>Physical Review D</i> , 2013 , 87, | 4.9 | 10 |
| 80 | Towards two-body strong decay behavior of higher Λ and Σ mesons. <i>Physical Review D</i> , 2013 , 88, | 4.9 | 21 |
| 79 | Predictions of charged charmoniumlike structures with hidden-charm and open-strange channels. <i>Physical Review Letters</i> , 2013 , 110, 232001 | 7.4 | 50 |
| 78 | Coupled-channel analysis of the possible $D^{(*)}D^{(*)}$, $B^{(*)}B^{(*)}$ and $D^{(*)}B^{(*)}$ molecular states. <i>Physical Review D</i> , 2013 , 88, | 4.9 | 34 |
| 77 | Prediction for the decay width of a charged state near the $D_s D^*/D_s^* D^*$ threshold. <i>Physical Review D</i> , 2013 , 88, | 4.9 | 18 |
| 76 | Charged charmoniumlike state $Z_c(3900)^{\pm}$ via meson photoproduction. <i>Physical Review D</i> , 2013 , 88, | 4.9 | 31 |
| 75 | 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 |
| 74 | Two charged strangeonium-like structures observable in the $Y(2175)-\psi(1020)^{\pm} \pi^{\pm}$ process. <i>European Physical Journal C</i> , 2012 , 72, 1 | 4.2 | 19 |
| 73 | 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 |
| 72 | The open-charm radiative and pionic decays of molecular charmonium $Y(4274)$. <i>European Physical Journal C</i> , 2012 , 72, 1 | 4.2 | 27 |
| 71 | 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 |
| 70 | Mass spectrum and strong decays of isoscalar tensor mesons. <i>Physical Review D</i> , 2012 , 86, | 4.9 | 26 |
| 69 | Revisiting the production of charmonium plus a light meson at PANDA. <i>Physical Review D</i> , 2012 , 86, | 4.9 | 12 |

| | | | |
|----|--|-----|-----|
| 68 | Nonstrange partner of strangeonium-like state $Y(2175)$. <i>Physical Review D</i> , 2012 , 85, | 4.9 | 35 |
| 67 | Hadronic molecules with both open charm and bottom. <i>Physical Review D</i> , 2012 , 85, | 4.9 | 22 |
| 66 | 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 |
| 65 | 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 |
| 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 | Categorizing resonances $X(1835)$, $X(2120)$, and $X(2370)$ in the pseudoscalar meson family. <i>Physical Review D</i> , 2011 , 83, | 4.9 | 39 |
| 61 | Production of the charmed baryon $\Lambda_c(2940)^+$ at PANDA. <i>Physical Review D</i> , 2011 , 84, | 4.9 | 18 |
| 60 | Charged bottomoniumlike states $Z_b(10610)$ and $Z_b(10650)$ and the $\psi(5S)\pi^+\pi^-$ decay. <i>Physical Review D</i> , 2011 , 84, | 4.9 | 40 |
| 59 | Dipion invariant mass distribution of the anomalous $\psi(1S)\pi^+\pi^-$ and $\psi(2S)\pi^+\pi^-$ production near the peak of $\psi(10860)$. <i>Physical Review D</i> , 2011 , 84, | 4.9 | 16 |
| 58 | $Z_b(10610)$ and $Z_b(10650)$ as the B^*B and B^*B^* molecular states. <i>Physical Review D</i> , 2011 , 84, | 4.9 | 133 |
| 57 | Nonresonant explanation for the $Y(4260)$ structure observed in the $e^+e^- \rightarrow \psi/\omega \pi^+\pi^-$ process. <i>Physical Review D</i> , 2011 , 83, | 4.9 | 28 |
| 56 | 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 |
| 55 | QCD sum rule calculation for the charmonium-like structures in the J/ψ invariant mass spectra. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 701, 101-106 | 4.2 | 29 |
| 54 | Predicted charged charmoniumlike structures in the hidden-charm dipion decay of higher charmonia. <i>Physical Review D</i> , 2011 , 84, | 4.9 | 54 |
| 53 | Charged bottomoniumlike structures in the hidden-bottom dipion decays of $\psi(1020)$. <i>Physical Review D</i> , 2011 , 84, | 4.9 | 22 |
| 52 | $Z_b(10610)$ and $Z_b(10650)$ structures produced by the initial single pion emission in the $\psi(5S)$ decays. <i>Physical Review D</i> , 2011 , 84, | 4.9 | 69 |
| 51 | Novel explanation of charmoniumlike structure in $e^+e^- \rightarrow \psi(2S)\pi^+\pi^-$. <i>Physical Review D</i> , 2011 , 83, | 4.9 | 7 |

| | | | |
|----|---|-----|-----|
| 50 | 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 |
| 49 | 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 |
| 48 | 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 |
| 47 | Cross-section measurement and analysis for the $Sm^{149}(n, \bar{p})Nd^{146}$ reaction at 6.0 MeV. <i>Physical Review C</i> , 2010 , 82, | 2.7 | 5 |
| 46 | Understanding the branching ratios of \bar{D}^{*1-2} , \bar{D}^0 observed at BES-III. <i>Physical Review D</i> , 2010 , 81, | 4.9 | 11 |
| 45 | Observed charmed hadron $\bar{D}(2940)^+$ and the D^*N interaction. <i>Physical Review D</i> , 2010 , 82, | 4.9 | 33 |
| 44 | Restudy on the wave functions of $(\bar{c}hS)$ states in the light-front quark model and the radiative decays of $(\bar{c}hS)-B^+$. <i>Physical Review D</i> , 2010 , 82, | 4.9 | 26 |
| 43 | 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 |
| 42 | DD^0 production and their interactions. <i>Physical Review D</i> , 2010 , 82, | 4.9 | 21 |
| 41 | The molecular systems composed of the charmed mesons in the $(\bar{H}bar\{S\}+h.c.)$ doublet. <i>European Physical Journal C</i> , 2010 , 70, 183-217 | 4.2 | 18 |
| 40 | Long-distant contribution and \bar{D}^{*1} radiative decays to light vector meson. <i>European Physical Journal C</i> , 2010 , 70, 177-182 | 4.2 | 16 |
| 39 | $Bs_1(5830)$ and $Bs_2^*(5840)$. <i>Physical Review D</i> , 2009 , 79, | 4.9 | 47 |
| 38 | Charm physics [A field full of challenges and opportunities. <i>Frontiers of Physics in China</i> , 2009 , 4, 49-74 | | 16 |
| 37 | The puzzle of excessive non- DD^0 component of the inclusive $(\bar{B}770)$ 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 |
| 36 | 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 |
| 35 | 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 |
| 34 | X(3872) and other possible heavy molecular states. <i>European Physical Journal C</i> , 2009 , 61, 411-428 | 4.2 | 149 |
| 33 | $Y(4143)$ is probably a molecular partner of $Y(3930)$. <i>Physical Review D</i> , 2009 , 80, | 4.9 | 98 |

| | | | |
|----|---|-----|-----|
| 32 | Light pseudoscalar meson and heavy meson scattering lengths. <i>Physical Review D</i> , 2009 , 79, | 4.9 | 38 |
| 31 | Line shape of the radiative open-charm decay of $\Upsilon(4140)$ and $\Upsilon(3930)$. <i>Physical Review D</i> , 2009 , 80, | 4.9 | 23 |
| 30 | Discovery potential for charmoniumlike state $\Upsilon(3940)$ by the meson photoproduction. <i>Physical Review D</i> , 2009 , 80, | 4.9 | 16 |
| 29 | Newly observed $D_s J(3040)$ and the radial excitations of P-wave charmed-strange mesons. <i>Physical Review D</i> , 2009 , 80, | 4.9 | 49 |
| 28 | $Y(2175)$ state in the QCD sum rule. <i>Physical Review D</i> , 2008 , 78, | 4.9 | 42 |
| 27 | Possibility of search for new physics at the CERN LHCb. <i>Physical Review D</i> , 2008 , 77, | 4.9 | 8 |
| 26 | Is $Z^+(4430)$ a loosely bound molecular state?. <i>Physical Review D</i> , 2008 , 77, | 4.9 | 81 |
| 25 | Effects of hadronic loops on the direct CP violation of B_c . <i>Physical Review D</i> , 2008 , 77, | 4.9 | 12 |
| 24 | Bottom baryons. <i>Physical Review D</i> , 2008 , 77, | 4.9 | 84 |
| 23 | Two-body open charm decays of $Z^+(4430)$. <i>Physical Review D</i> , 2008 , 77, | 4.9 | 14 |
| 22 | $Z^+(4430)$ as a $D_1 D^*$ ($D_1 D^*$) molecular state. <i>Physical Review D</i> , 2008 , 77, | 4.9 | 59 |
| 21 | Dynamics study of $Z^+(4430)$ and $X(3872)$ in molecular picture. <i>AIP Conference Proceedings</i> , 2008 , | 0 | 5 |
| 20 | What can we learn from the decay of $N_X(1625)$ in the molecule picture?. <i>European Physical Journal C</i> , 2008 , 54, 253-258 | 4.2 | 5 |
| 19 | Understanding the newly observed $Y(4008)$ by Belle. <i>European Physical Journal C</i> , 2008 , 54, 471-474 | 4.2 | 16 |
| 18 | Is $X(3872)$ really a molecular state?. <i>European Physical Journal C</i> , 2008 , 56, 63-73 | 4.2 | 128 |
| 17 | The signal of $Z^{\Xi}(4430)$ in nucleon-nucleon scattering. <i>European Physical Journal C</i> , 2008 , 58, 217-221 | 4.2 | 10 |
| 16 | D wave heavy mesons. <i>Physical Review D</i> , 2007 , 75, | 4.9 | 16 |
| 15 | 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 |

| | | | |
|----|--|-----|-----|
| 14 | Some properties of the newly observed X(1835) state at BES. <i>European Physical Journal C</i> , 2007 , 49, 731-736 | 4.2 | 23 |
| 13 | Revisiting B ⁺ -K(3872)+K ⁺ in pQCD assigning to X(3872) 23P1 charmonium. <i>European Physical Journal C</i> , 2007 , 49, 643-650 | 4.2 | 6 |
| 12 | DsJ(2860) and DsJ(2715). <i>European Physical Journal C</i> , 2007 , 50, 617-628 | 4.2 | 101 |
| 11 | Study of Bs- $\bar{D}_s J(2317, 2460)$ semileptonic decays in the CQM model. <i>European Physical Journal C</i> , 2007 , 51, 601-606 | 4.2 | 38 |
| 10 | $\bar{B}(2940)^+$: a possible molecular state?. <i>European Physical Journal C</i> , 2007 , 51, 883-889 | 4.2 | 50 |
| 9 | X(1576) and the final state interaction effect. <i>Physical Review D</i> , 2007 , 75, | 4.9 | 16 |
| 8 | Strong decays of charmed baryons. <i>Physical Review D</i> , 2007 , 75, | 4.9 | 99 |
| 7 | Study on contributions of hadronic loops to decays of J/ ψ vector+pseudoscalar mesons. <i>Physical Review D</i> , 2006 , 74, | 4.9 | 45 |
| 6 | X(1812) in the quarkonia-gluon-hybrid mixing scheme. <i>Physical Review D</i> , 2006 , 73, | 4.9 | 24 |
| 5 | Members in the 0 ⁺ 0 ⁽⁺⁺⁾ family. <i>Physical Review D</i> , 2006 , 73, | 4.9 | 25 |
| 4 | Mixing of pentaquark and molecular states. <i>European Physical Journal C</i> , 2005 , 44, 419-430 | 4.2 | 6 |
| 3 | Possible molecule structure of the newly observed Y(4260). <i>Physical Review D</i> , 2005 , 72, | 4.9 | 76 |
| 2 | 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 |
| 1 | Establishing low-lying doubly charmed baryons | | 2 |