

Ju-Jun Xie

List of Publications by Year in Descending Order

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

119
papers

1,442
citations

20
h-index

31
g-index

136
ext. papers

2,078
ext. citations

3.4
avg, IF

5.27
L-index

#	Paper	IF	Citations
119	Electromagnetic Form Factors of Λ Hyperon in the Vector Meson Dominance Model and a Possible Explanation of the Near-Threshold Enhancement of the $e^+e^- \rightarrow \Lambda \bar{\Lambda}$ Reaction. <i>Chinese Physics Letters</i> , 2022 , 39, 011201	1.8	0
118	Can we understand the decay width of the T_{cc}^+ state?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022 , 826, 136897	4.2	4
117	Remarks on non-perturbative three-body dynamics and its application to the $\bar{K}K\bar{K}$ system. <i>European Physical Journal A</i> , 2022 , 58, 1	2.5	0
116	Spin-parities of the $P_c(4440)$ and $P_c(4457)$ in the one-boson-exchange model. <i>Physical Review D</i> , 2021 , 103,	4.9	15
115	Electron-ion collider in China. <i>Frontiers of Physics</i> , 2021 , 16, 1	3.7	32
114	Can the nature of $a_0(980)$ be tested in the $D_s^+ \rightarrow \pi^0 \pi^0$ decay?. <i>Physical Review D</i> , 2021 , 103,	4.9	3
113	Search for a $D\bar{D}^*$ bound state in the $B^- D\bar{D}^*$ process. <i>Physical Review D</i> , 2021 , 103,	4.9	1
112	$X_0(2866)$ as a D^*K^* molecular state. <i>Physical Review D</i> , 2020 , 102,	4.9	23
111	Role of the $\Omega(1600)$ in the $\{K^-\}p \rightarrow \{\Lambda\}\pi^0\pi^0$ reaction. <i>Communications in Theoretical Physics</i> , 2020 , 72, 045202	2.4	
110	Evasion of HSR in the charmless decays of excited P-wave charmonia. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	1
109	Theoretical interpretation of the $D_s^+ \rightarrow \pi^0 \pi^0$ decay and the nature of $a_0(980)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 803, 135279	4.2	9
108	Prediction of possible exotic states in the $\{\eta \bar{K}K^*\}$ system. <i>Chinese Physics C</i> , 2020 , 44, 054104	2.2	3
107	Photoproduction of hidden-bottom pentaquark and related topics. <i>Physical Review D</i> , 2020 , 101,	4.9	13
106	Triangle singularity as the origin of $(X_0(2900))$ and $(X_1(2900))$ observed in $(B^+ \rightarrow D^+ D^- K^+)$. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	13
105	Revisiting the $(\Omega(212))$ as a hadronic molecule and its strong decays. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	1
104	The scalar $(f_0(500))$, $(f_0(980))$, and $(a_0(980))$ resonances and vector mesons in the single Cabibbo-suppressed decays $(\Lambda_c \rightarrow p K^+ K^-)$ and $(p \pi^+ \pi^-)$. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	7
103	Role of $N^*(1535)$ in the $\bar{K}K \rightarrow \bar{K}^0 \pi^0$ decay and the possible \bar{K}^0 state in the $\bar{K}K \rightarrow \bar{K}^0 \pi^0$ decay. <i>EPJ Web of Conferences</i> , 2020 , 241, 02010	0.3	

102	Radiative decays of $f_1(1285)$ as the K^*K molecular state. <i>Chinese Physics C</i> , 2020 , 44, 114104	2.2	3
101	B_b and B_{bb} molecular states. <i>Chinese Physics C</i> , 2020 , 44, 064101	2.2	2
100	Strong decays of $(\bar{D}^{*}K^{*})$ molecules and the newly observed $(X_{0,1})$ states. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	18
99	Study of the $a_1(1269)$ resonance in the $\bar{B} \rightarrow \pi K \pi$ reaction. <i>Chinese Physics C</i> , 2019 , 43, 064104	2.2	1
98	Heavy-quark spin and flavor symmetry partners of the $X(3872)$ revisited: What can we learn from the one boson exchange model?. <i>Physical Review D</i> , 2019 , 99,	4.9	32
97	Visible narrow cusp structure in $\bar{B} \rightarrow \rho K \pi$ enhanced by triangle singularity. <i>Physical Review D</i> , 2019 , 100,	4.9	9
96	$(\eta)-^4\text{He}$ interaction from the $(dd \rightarrow \eta)^4\text{He}$ reaction near threshold. <i>European Physical Journal A</i> , 2019 , 55, 1	2.5	3
95	Search for the ω state in $\bar{B} \rightarrow \pi \pi \pi$ decay by triangle singularity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 792, 450-453	4.2	3
94	Triangle singularity enhancing isospin violation in $D_s^+ \rightarrow \pi^+ \pi^0 f_0(980)$ and $\bar{B}_s^0 \rightarrow J/\psi \pi^0 f_0(980)$ decays. <i>EPJ Web of Conferences</i> , 2019 , 199, 04008	0.3	
93	Production of the $\bar{B}(2940)$ by kaon-induced reactions on a proton target. <i>Physical Review D</i> , 2019 , 99,	4.9	3
92	The $X(4140)$ and $X(4160)$ resonances in the $\{e^+e^- \rightarrow \gamma J/\psi \phi\}$ reaction. <i>Chinese Physics C</i> , 2019 , 43, 113101	2.2	5
91	Analysis of the $B \rightarrow J/\psi K^+$ data at low J/ψ invariant masses and the $X(4140)$ and $X(4160)$ resonances. <i>Physical Review D</i> , 2018 , 97,	4.9	15
90	The Three-Pion Decays of the $\{a_1(1260)\}$. <i>Communications in Theoretical Physics</i> , 2018 , 70, 060	2.4	6
89	Hidden charm pentaquark and $\chi(1405)$ in the $B^0 \rightarrow \bar{B} K \pi$ reaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 777, 447-452	4.2	7
88	Bottom strange molecules with isospin 0. <i>Physical Review D</i> , 2018 , 97,	4.9	1
87	$\chi(1405)$ production in the process $\bar{B}^0(1P) \rightarrow \pi \pi$ <i>Physical Review D</i> , 2018 , 98,	4.9	2
86	The decays of (\bar{B}^0) , (\bar{B}^0_s) and (B^-) into (η_c) plus a scalar or vector meson. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	5
85	Decay patterns of low-lying N_{ss} states via strangeness channels. <i>Physical Review C</i> , 2018 , 98,	2.7	2

- 84 Photoproduction of $f_0(980)$ and $f_0(1500)$ resonances off a proton target. *Physical Review D*, **2018**, 98, 4.9 2
- 83 Strong decay modes K_1^* and K_1^* of the $\Lambda(2112)$ in the $K_1^*(1530)$ and Λ molecular scenario. *Physical Review D*, **2018**, 98, 4.9 8
- 82 Doubly charmed $\bar{c}c$ molecular states from meson-baryon interaction. *Physical Review D*, **2018**, 98, 4.9 14
- 81 D_1^* and D^* molecular states from one boson exchange. *Physical Review D*, **2018**, 98, 4.9 15
- 80 Nuclear Resonance ($N^*(2120)$) in (ϕp) and $(\bar{K}^0 \Lambda(1520))$ Photoproduction. *Few-Body Systems*, **2018**, 59, 1 1.6
- 79 The radiative decay $\mathcal{B}(\{D\}^0 \rightarrow \bar{K}^0 \gamma)$ with vector meson dominance. *Chinese Physics C*, **2018**, 42, 043106 2.2 3
- 78 Predictions for $\Lambda \rightarrow \Lambda \pi$ producing $f_0(500)$, $f_0(980)$ and $a_0(980)$. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2017**, 766, 59-64 4.2 15
- 77 Role of a triangle singularity in the $\bar{p}-K^+(1405)$ reaction. *Physical Review C*, **2017**, 95, 2.7 25
- 76 $f_2(1810)$ as a triangle singularity. *Physical Review D*, **2017**, 95, 4.9 12
- 75 Determination of the Ξ_{cc} threshold structure from the low energy $pd-\Xi_{cc}$ reaction. *Physical Review C*, **2017**, 95, 2.7 15
- 74 $\Lambda(1520)$ in the $\bar{p}-\Lambda$ decay. *Physical Review D*, **2017**, 95, 4.9 10
- 73 Role of the $N^*(1535)$ in the $\bar{p}-K^0 \bar{p}$ decay. *Physical Review D*, **2017**, 96, 4.9 5
- 72 Triangle singularity and a possible η resonance in the $\bar{p}-\Lambda$ decay. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2017**, 774, 108-113 4.2 19
- 71 Production of the charmoniumlike state $\Upsilon(4220)$ through the $pp \rightarrow \Upsilon(4220) \pi$ reaction. *Physical Review D*, **2017**, 96, 4.9 1
- 70 Faddeev fixed center approximation to $\bar{K}K^*$ system and the $\Lambda(1600)$. *Physical Review D*, **2017**, 95, 4.9 4
- 69 Predictions for pentaquark states of hidden charm molecular nature and comparison with experiment. *EPJ Web of Conferences*, **2016**, 130, 06004 0.3
- 68 Photoproduction of the $f_2'(1525)$, $a_2(1320)$, and $K_2^*(1430)$. *Physical Review C*, **2016**, 93, 2.7 11
- 67 K_1^* -induced formation of the $f_0(980)$ and $a_0(980)$ resonances on proton targets. *Physical Review C*, **2016**, 93, 2.7 4

66	Looking for a hidden-charm pentaquark state with strangeness $S=0$ from B_c decay into J/ψ <i>Physical Review C</i> , 2016 , 93,	2.7	38
65	Neutral hidden charm pentaquark states $Pc(4380)$ and $Pc(4450)$ in the $\bar{p}-J/\psi$ reaction. <i>Physical Review D</i> , 2016 , 93,	4.9	26
64	$\Xi(2595)$ resonance as a dynamically generated state: The compositeness condition and the large N_c evolution. <i>Physical Review D</i> , 2016 , 93,	4.9	7
63	$\bar{p}-J/\psi$ reaction and a hidden-charm pentaquark state with strangeness. <i>Physical Review D</i> , 2016 , 93,	4.9	39
62	The Role of a $1(1260)$ in $\bar{p}-\Lambda(1260)p$ and $\bar{p}-\Sigma(1260)p$ Reactions Near Threshold. <i>Communications in Theoretical Physics</i> , 2016 , 66, 675-680	2.4	6
61	The $(a_0(980))$ and $(\Lambda(1670))$ in the $(\Lambda^+_c \rightarrow \pi^+ \eta \Lambda)$ decay. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	13
60	$(f_0(500))$, $(f_0(980))$, and $(a_0(980))$ production in the $(\chi_{c1} \rightarrow \eta \pi^+ \pi^-)$ reaction. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	22
59	$(B^0 \rightarrow D^0 \bar{D}^0 K^0)$, $(B^+ \rightarrow D^0 \bar{D}^0 K^+)$, and the scalar $(D \bar{D})$ bound state. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	10
58	Disentangling the hadronic molecule nature of the $Pc(4380)$ pentaquark-like structure. <i>Nuclear Physics A</i> , 2016 , 954, 393-405	1.3	43
57	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
56	Weak decays of heavy hadrons into dynamically generated resonances. <i>International Journal of Modern Physics E</i> , 2016 , 25, 1630001	0.7	66
55	Photoproduction of hidden-charm states in the reaction near threshold. <i>Chinese Physics C</i> , 2016 , 40, 124104	10.4	20
54	Photo-production of tensor mesons. <i>EPJ Web of Conferences</i> , 2016 , 130, 05021	0.3	
53	Nucleon resonances in $N-\bar{N}$ and J/ψ pp. <i>Chinese Physics C</i> , 2016 , 40, 083103	2.2	2
52	$\Xi(1P)$ decay into Ξ in search of an $I = 1, 1/2$ baryon state around $K\bar{N}$ threshold. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 526-532	4.2	6
51	Role of the $f_1(1285)$ state in the $J/\psi \rightarrow K\bar{K}$ and $J/\psi \rightarrow f_1(1285)$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 591-594	4.2	4
50	Study of reactions disclosing hidden charm pentaquarks with or without strangeness. <i>Nuclear Physics A</i> , 2016 , 954, 371-392	1.3	13
49	Nucleon Resonances in the $\bar{p}-K^0$ Reaction near Threshold. <i>Communications in Theoretical Physics</i> , 2015 , 63, 215-221	2.4	8

48	Production of the neutral $Z_0(4430)$ in $p\bar{p} \rightarrow Z_0$ reaction. <i>Physical Review D</i> , 2015 , 91,	4.9	9
47	Nucleon resonances in the $\bar{p} \rightarrow \bar{p} K^+ \pi^-$ reaction near threshold. <i>Physical Review C</i> , 2015 , 91,	2.7	6
46	Predictions for the $(\bar{B}^0 \rightarrow \bar{K}^{*0})X(YZ)$ and $(\bar{B}^0_s \rightarrow \phi)X(YZ)$ with $X(4160)$, $Y(3940)$, $Z(3930)$. <i>European Physical Journal A</i> , 2015 , 51, 1	2.5	10
45	The $K^* \pi$ decay of the $f_1(1285)$ and its nature as a $K^* \pi$ molecule. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 750, 609-614	4.2	13
44	Reexamination of the role of the π resonances in the $pp \rightarrow hK^+ \pi$ reaction. <i>Physical Review C</i> , 2015 , 92,	2.7	2
43	Effects of a N_{cc}^* resonance with hidden charm in the $\bar{p} \rightarrow D \bar{B}^+$ reaction near threshold. <i>Physical Review C</i> , 2015 , 92,	2.7	31
42	The $K^* \pi$ reaction within an effective Lagrangian approach. <i>Physical Review C</i> , 2015 , 92,	2.7	6
41	Study of the $f_2(1270)$, $f_2'(1525)$, $K^*_{12}(1430)$, $f_0(1370)$ and $f_0(1710)$ production from $\pi^+ \pi^-$ and $\pi^0 \pi^0$ decays. <i>Physical Review D</i> , 2015 , 91,	4.9	8
40	Glueball physics in QCD. <i>Physical Review D</i> , 2015 , 91,	4.9	11
39	Dynamically generated $J^P=1/2^-[B/2]$ singly charmed and bottom heavy baryons. <i>Physical Review D</i> , 2015 , 92,	4.9	43
38	Role of the $\bar{B}^+(2940)$ in the $\bar{p} \rightarrow D \bar{D}^0 p$ reaction close to threshold. <i>Physical Review D</i> , 2015 , 92,	4.9	20
37	Theoretical investigation of the decay of the $N(2120)$ resonance to nucleon resonances near 1.7 GeV. <i>Physical Review C</i> , 2015 , 91,	2.7	1
36	B^0 decay into D^0 and $f_0(500)$, $f_0(980)$, $a_0(980)$, and B^0_s decay into D^0 and (B^0) , K^* . <i>Physical Review D</i> , 2015 , 92,	4.9	18
35	Photoproduction of the $f_2(1270)$ resonance. <i>European Physical Journal A</i> , 2015 , 51, 1	2.5	11
34	Role of $\pi(1670)$ in the $\bar{p} \rightarrow \bar{p} K^+ \pi^-$ reaction near threshold. <i>European Physical Journal A</i> , 2015 , 51, 1	2.5	1
33	(\bar{B}^0) , $(B^{\{-})$ and (\bar{B}^0_s) decays into (J/ψ) and $(K \bar{K})$ or $(\pi \eta)$. <i>European Physical Journal C</i> , 2015 , 75, 1	4.2	11
32	The low lying scalar resonances in the D^0 decays into K^*_s0 and $f_0(500)$, $f_0(980)$, $a_0(980)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 363-369	4.2	42
31	The near threshold $\bar{p} \rightarrow \bar{p}$ reaction in an effective Lagrangian approach. <i>Modern Physics Letters A</i> , 2014 , 29, 1450012	1.3	7

30	Signature of an ω . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 319-322	4.2	10
29	The role of $N^*(2120)$ nucleon resonance in $K^*(1520)$ photon and hadronic productions. <i>International Journal of Modern Physics Conference Series</i> , 2014 , 29, 1460244	0.7	
28	Regge signatures from CLAS $\gamma p \rightarrow \pi^+ n$ photoproduction data at forward angles. <i>Physical Review C</i> , 2014 , 90,	2.7	7
27	Nucleon pole contribution in the $pp \rightarrow pK^+ K^-$ reaction below the η meson threshold. <i>Physical Review C</i> , 2014 , 90,	2.7	7
26	Role of the possible $\omega(1230)$ state in the $\bar{p}p \rightarrow \pi^0$ reaction. <i>Physical Review C</i> , 2014 , 90,	2.7	6
25	Re-analysis of the $\gamma p \rightarrow \pi^+ n$ photoproduction reaction. <i>Physical Review C</i> , 2014 , 89,	2.7	15
24	The $p\bar{p} \rightarrow \eta$ reaction in an effective Lagrangian approach. <i>Physical Review C</i> , 2014 , 90,	2.7	1
23	Role of the $\omega(1940)$ in the $\bar{p}p \rightarrow K^+ \bar{K}^0(1385)$ and $pp \rightarrow hK^+ \bar{K}^0(1385)$ reactions. <i>Physical Review C</i> , 2014 , 90,	2.7	7
22	B_c^0 and $B_c^+ \rightarrow 0$ decays into J/ψ and $f_0(1370)$, $f_0(1710)$, $f_2(1270)$, $f_2'(1525)$, $K_2^*(1430)$. <i>Physical Review D</i> , 2014 , 90,	4.9	19
21	Low-lying even parity meson resonances and spin-flavor symmetry revisited. <i>Physical Review D</i> , 2013 , 87,	4.9	12
20	Mechanism of $K^+ \bar{p} \rightarrow \pi^+ n$ Reaction Near Threshold. <i>Few-Body Systems</i> , 2013 , 54, 1131-1133	1.6	2
19	Coupling constant for $\gamma p \rightarrow \pi^+ n$. <i>Physical Review C</i> , 2013 , 88,	2.7	20
18	Role of the $N^*(2080)$ in $pp \rightarrow pK^+ \pi^0$ and $\bar{p}K^0 \pi^0$ reactions. <i>Physical Review C</i> , 2013 , 87,	2.7	8
17	$J/\psi \rightarrow \pi^+ \pi^- \eta$ decay in the isobar resonance model. <i>Physical Review D</i> , 2012 , 85,	4.9	6
16	Are there three $\omega(1950)$ states?. <i>Physical Review D</i> , 2012 , 85,	4.9	6
15	The D_N , \bar{D} interaction in finite volume and the $\bar{D}(2595)$ resonance. <i>European Physical Journal A</i> , 2012 , 48, 1	2.5	14
14	Evidence for a narrow D_0^* state in $K^+ \bar{p}$ near threshold. <i>Physical Review C</i> , 2012 , 86,	2.7	15
13	The $K^+ \bar{p}$ reaction in an effective Lagrangian model. <i>Physical Review C</i> , 2012 , 85,	2.7	20

- 12 The $pp \rightarrow p\bar{K}^+$ and $pp \rightarrow p\bar{0}K^+$ reactions with chiral dynamics. *Physical Review C*, **2011**, 84, 2.7 6
- 11 Faddeev fixed-center approximation to the $NK \rightarrow K$ system and the signature of a $N^*(1920)(1/2^+)$ state. *Physical Review C*, **2011**, 83, 2.7 36
- 10 Plausible explanation for the $\bar{p} \rightarrow 2^+(2000)$ puzzle. *Physical Review C*, **2011**, 83, 2.7 26
- 9 Role of the $N^*(2080)$ resonance in the $\bar{p} \rightarrow K^+ \bar{0}(1520)$ reaction. *Physical Review C*, **2010**, 82, 2.7 31
- 8 Associated strangeness production in the $pp \rightarrow pK^+ K\bar{p}$ and $pp \rightarrow pK^+ \bar{0}\bar{0}$ reactions. *Physical Review C*, **2010**, 82, 2.7 13
- 7 Is the nonmonotonic behavior in the cross section of γ photoproduction near threshold a signature of a resonance?. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2010**, 691, 214-218 4.2 21
- 6 Evidence of $N^*(1535)$ resonance contribution in the $pn \rightarrow d\gamma$ reaction. *Physical Review C*, **2009**, 80, 2.7 19
- 5 THEORETICAL STUDY ON $pp \rightarrow pn\bar{0}$ REACTION AT MEDIUM ENERGIES. *International Journal of Modern Physics E*, **2009**, 18, 281-292 0.7 14
- 4 ON $pp \rightarrow pK^+ \bar{0}NK^+ \bar{0}pp$? THE BASIC INGREDIENTS FOR STRANGENESS PRODUCTION IN HEAVY ION COLLISIONS. *International Journal of Modern Physics E*, **2008**, 17, 1753-1764 0.7 4
- 3 Role of the $N^*(1535)$ in $pp \rightarrow p\bar{p}\gamma$ and $\bar{p} \rightarrow h\gamma$ reactions. *Physical Review C*, **2008**, 77, 2.7 61
- 2 Coupling constant for $N^*(1535)N\bar{0}$ *Physical Review C*, **2008**, 77, 2.7 18
- 1 The role of $\bar{0}^+(1620)$ resonances in $pp \rightarrow hK^+ \bar{0}$ reaction and its important implications. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2007**, 649, 405-412 4.2 36