

Wei Wang

List of Publications by Year in descending order

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113
papers

4,306
citations

76326

40
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123424

61
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all docs

113
docs citations

113
times ranked

2584
citing authors

#	ARTICLE	IF	CITATIONS
1	First lattice QCD calculation of semileptonic decays of charmed-strange baryons $\bar{\Lambda}_c^0 \rightarrow c \ell \bar{\nu}_\ell$. Chinese Physics C, 2022, 46, 011002.	3.7	20
2	Inclusive approach to hunt for the beauty-charmed baryons $\Lambda_b^0 \rightarrow c \ell \bar{\nu}_\ell$. Physical Review D, 2022, 105, .	4.7	20
3	Next-to-Next-to-Leading Order Calculation of Quasiparton Distribution Functions. Physical Review Letters, 2021, 126, 072002.	7.8	22
4	A hybrid renormalization scheme for quasi light-front correlations in large-momentum effective theory. Nuclear Physics B, 2021, 964, 115311.	2.5	44
5	Two-meson form factors in unitarized chiral perturbation theory. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
6	Electron-ion collider in China. Frontiers of Physics, 2021, 16, 1.	5.0	208
7	Global analysis of hadronic two-body $B \rightarrow K \ell \bar{\nu}_\ell$ decays in the perturbative QCD approach. Physical Review D, 2021, 104, .	4.7	12
8	Distribution Amplitudes of $K^* \rightarrow K \ell \bar{\nu}_\ell$ and $\Lambda_b^0 \rightarrow c \ell \bar{\nu}_\ell$ at the Physical Pion Mass from Lattice QCD. Physical Review Letters, 2021, 127, 062002.	7.8	20
9	Up-down asymmetries and angular distributions in $D^0 \rightarrow K^0 \ell^+ \ell^-$. Physical Review D, 2021, 104, .	4.7	2
10	SU(3) symmetry and its breaking effects in semileptonic heavy baryon decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 823, 136765.	4.1	21
11	Open-charm tetraquark X_{cc} and open-bottom tetraquark X_{bb} . European Physical Journal C, 2020, 80, 1.	3.9	55
12	$B \rightarrow K \ell \bar{\nu}_\ell$ -meson light-cone distribution amplitude from Euclidean quantities. Physical Review D, 2020, 102, .	4.7	37
13	Quasiparton distribution functions at NNLO: Flavor nondiagonal quark contributions. Physical Review D, 2020, 102, .	4.7	24
14	Novel Method to Reliably Determine the Photon Helicity in $B \rightarrow K^* \ell \bar{\nu}_\ell$. Physical Review Letters, 2020, 125, 051802.	7.8	8
15	Lattice QCD Calculations of Transverse-Momentum-Dependent Soft Function through Large-Momentum Effective Theory. Physical Review Letters, 2020, 125, 192001.	7.8	53
16	Master integrals for two-loop QCD corrections to quark quasi PDFs. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
17	Unification of flavor SU(3) analyses of heavy Hadron weak decays. European Physical Journal C, 2020, 80, 1.	3.9	34
18	Unpolarized isovector quark distribution function from lattice QCD: A systematic analysis of renormalization and matching. Physical Review D, 2020, 101, .	4.7	50

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19	Interpretation of $\Upsilon(10750)$ as a tetraquark and its production mechanism. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135217.	4.1	13
20	Transverse energy energy correlations of jets in the electron-proton deep inelastic scattering at HERA. European Physical Journal C, 2020, 80, 1.	3.9	6
21	Towards a heavy diquark effective theory for weak decays of doubly heavy baryons. European Physical Journal C, 2020, 80, 1.	3.9	16
22	QCD Sum Rules Analysis of Weak Decays of Doubly-Heavy Baryons. European Physical Journal C, 2020, 80, 1.	3.9	34
23	Matching generalized parton quasidistributions in the RI/MOM scheme. Physical Review D, 2019, 100, .	4.7	44
24	Complete matching for quasidistribution functions in large momentum effective theory. Physical Review D, 2019, 100, .	4.7	43
25	Matching the meson quasidistribution amplitude in the RI/MOM scheme. Physical Review D, 2019, 99, .	4.7	22
26	Accessing Gluon Parton Distributions in Large Momentum Effective Theory. Physical Review Letters, 2019, 122, 142001.	7.8	64
27	Searching for a charged Higgs boson with both $H\hat{\pm}W\hat{\pm}Z$ and $H\hat{\pm}tb$ couplings at the LHC. Journal of High Energy Physics, 2019, 2019, 1.	4.7	8
28	Model-independent investigation of the $R_{J/\psi, \hat{c}}$ and ratios of decay widths of semileptonic B_c decays into a P-wave charmonium. International Journal of Modern Physics A, 2019, 34, 1950195.	1.5	20
29	Weak decays of doubly heavy baryons: decay constants. Chinese Physics C, 2018, 42, 123102.	3.7	30
30	Tetraquarks, pentaquarks and dibaryons in the large N QCD. European Physical Journal C, 2018, 78, 1.	3.9	9
31	Implications of the $\langle \langle \mathcal{O}_K \rangle \rangle$ and $\langle \langle \mathcal{O}_K^* \rangle \rangle$ anomalies. Chinese Physics C, 2018, 42, 013105.	3.7	10
32	Discovery potentials of doubly charmed baryons. Chinese Physics C, 2018, 42, 051001.	3.7	100
33	Flavor $SU(3)$ topological diagram and irreducible representation amplitudes for heavy meson charmless hadronic decays: mismatch and equivalence. Chinese Physics C, 2018, 42, 103108.	3.7	30
34	Perturbative QCD analysis of exclusive processes $\langle \langle \mathcal{O}_K \rangle \rangle$ and $\langle \langle \mathcal{O}_K^* \rangle \rangle$ anomalies. Chinese Physics C, 2018, 42, 013105.	4.7	6
35	Weak decays of triply heavy baryons. Physical Review D, 2018, 97, .	4.7	32
36	On the production of hidden-flavored hadronic states at high energy. Chinese Physics C, 2018, 42, 043103.	3.7	10

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37	Discovery potential of stable and near-threshold doubly heavy tetraquarks at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 605-609.	4.1	74
38	Prospects of discovering stable double-heavy tetraquarks at a Tera-Z factory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 412-420.	4.1	69
39	Weak decays of doubly heavy baryons: multi-body decay channels. European Physical Journal C, 2018, 78, 1.	3.9	63
40	Gluon quasidistribution function at one loop. European Physical Journal C, 2018, 78, 1.	3.9	66
41	On the power divergence in quasi gluon distribution function. Journal of High Energy Physics, 2018, 2018, 1.	4.7	36
42	Doubly-heavy baryon weak decays: $\Lambda_b^0 \rightarrow \Lambda_c^+ \Lambda_c^0$ and $\Lambda_b^0 \rightarrow \Lambda_c^+ \Lambda_c^+$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 232-235.	4.1	41
43	Production of charmed tetraquarks from B_c and B_c decays. Journal of Physics C: Nuclear and Particle Physics, 2017, 44, 014003.	3.6	24
44	On the constituent counting rule for hard exclusive processes involving multi-quark states. Chinese Physics C, 2017, 41, 053108.	3.7	11
45	Interpretation of the newly observed $\Lambda_c^+ \Lambda_c^0$ resonances. Physical Review D, 2017, 96, .	4.7	69
46	Weak decays of doubly heavy baryons: the $\Lambda_b^0 \rightarrow \Lambda_c^+ \Lambda_c^0$ case. European Physical Journal C, 2017, 77, 1.	3.9	120
47	Relativistic corrections to light-cone distribution amplitudes of S-wave Bc mesons and heavy quarkonia. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
48	Chiral dynamics, S-wave contributions and angular analysis in $D \rightarrow \pi \pi$ decays. European Physical Journal C, 2017, 77, 1.	3.9	13
49	Weak decays of doubly heavy baryons: SU(3) analysis. European Physical Journal C, 2017, 77, 1.	3.9	97
50	Can X(5568) be a tetraquark state?. Chinese Physics C, 2016, 40, 093101.	3.7	34
51	Production of hadron exotics in high energy processes. EPJ Web of Conferences, 2016, 129, 00020.	0.3	0
52	$B_c \rightarrow B_c$ decays. European Physical Journal C, 2016, 76, 1.	3.9	26
53	Decipher the short-distance component of X(3872) in B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 261-264.	4.1	15
54	Search for the $a_0(980) \rightarrow f_0(980)$ mixing in weak decays of D/B mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 501-506.	4.1	21

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55	Test flavor SU(3) symmetry in exclusive $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \langle \text{mml:msub} \langle \text{mml:mi} \text{mathvariant="normal" } \hat{1} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{c} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{decays. Physical Review D, 2016, 93, .}$	4.7	95
56	Production of $\$a_1$ in heavy meson decays. European Physical Journal C, 2016, 76, 1.	3.9	15
57	Chiral dynamics and S-wave contributions in semileptonic $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	69
58	Chiral dynamics and S-wave contributions in semileptonic $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	14
59	How to reveal the exotic nature of the $\chi(3872)$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	198
60	Radiative leptonic $B_c \rightarrow \gamma \ell \bar{\nu}_\ell$, $B_c \rightarrow \gamma \ell^+ \ell^- \bar{\nu}_\ell$, $B_c \rightarrow \gamma \ell^+ \ell^- \bar{\nu}_\ell$ decay in effective field theory beyond leading order. European Physical Journal C, 2015, 75, 1.	3.9	14
61	To understand the rare decay $B \rightarrow \ell^+ \ell^- \ell^+ \ell^-$, $B \rightarrow \ell^+ \ell^- \ell^+ \ell^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 467-471.	4.1	10
62	Recent developments on the CKM matrix. International Journal of Modern Physics A, 2014, 29, 1430040.	1.5	12
63	Production of Charged Heavy Quarkonium-Like States at the LHC and Tevatron. Communications in Theoretical Physics, 2014, 61, 354-358.	2.5	33
64	Penguin pollution in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays and impact on the extraction of the $ V_{cb} $. Journal of High Energy Physics, 2013, 2013, 1.	4.7	30
65	Production of the bottom analogs and the spin partner of the $X(3872)$ at hadron colliders. European Physical Journal C, 2014, 74, 1.	3.9	36
66	$B \rightarrow \ell^+ \ell^- K^*$, angular analysis, S-wave contributions and $ V_{ub} $. Journal of High Energy Physics, 2014, 2014, 1.	4.7	43
67	Production of charm-strange hadronic molecules at the LHC. Journal of High Energy Physics, 2014, 2014, 1.	4.7	17
68	Generalized heavy-to-light form factors in light-cone sum rules. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 730, 336-341.	4.1	65
69	Hunting for the X_b via radiative decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 100-104.	4.1	23
70	Chiral dynamics and S-wave contributions in semileptonic B decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	44
71	Direct CP violation in charm decays due to $\bar{d} \rightarrow u$ mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 946-950.	4.1	11
72	Hunting for a scalar glueball in exclusive B decays. European Physical Journal A, 2013, 49, 1.	2.5	8

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73	Light-cone distribution amplitudes of the ground state bottom baryons in HQET. European Physical Journal C, 2013, 73, 1.	3.9	29
74	$B\hat{t}^*DK0,2^*$ decays and the CP phase angle $\hat{\Gamma}^3$. Physical Review D, 2013, 88, .	4.7	7
75	Violation Effects on the Measurement of the Cabibbo-Kobayashi-Maskawa Angle Hadron production of $B\hat{t}^*$ stretchy="false">(</mml:mo><mml:mi>n</mml:mi><mml:mi>S</mml:mi><mml:mo>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (stretch	7.8	13
76	$B\hat{t}^*$ decays into a scalar/tensor meson: In pursuit of determining the CKM angle $\hat{\Gamma}^3$. , 2012, , .	4.7	12
77	Transverse energy-energy correlations in next-to-leading order $\hat{n}\pm$ at the LHC. Physical Review D, 2012, 86, .	4.7	14
79	Analysis of $B\hat{t}^*$ ($K\hat{t}^*K^+$, $\hat{\Gamma}^3$) from diquarks. Physical Review D, 2012, 85, .	4.7	15
80	Determining violation angle $\hat{\Gamma}^3$ stretchy="false">(</mml:mo><mml:mo> \hat{t}^* </mml:mo><mml:mi>K</mml:mi><mml:mi> $\hat{\Gamma}^3$ </mml:mi><mml:mo>Tj ETQq1 1 0.784314 rgB	4.7	9
81	Tetraquark interpretation of the charged bottomonium-like states stretchy="false">(</mml:mo><mml:mn>10610</mml:mn><mml:mo>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 377 Td (stretchy="false">(</	4.7	6
82	Factorization of heavy-to-light baryonic transitions in SCET. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 119-126.	4.1	27
84	Branching ratios, forward-backward asymmetries, and angular distributions of $B\hat{t}^*K2^*l+\hat{l}^*$ in the standard model and two new physics scenarios. Physical Review D, 2011, 83, .	4.7	27
85	$B\hat{t}^*$ to tensor meson form factors in the perturbative Production of the Exotic $B\hat{t}^*$ stretchy="false">(</mml:mo><mml:mn>2170</mml:mn><mml:mo>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 217 Td (stretchy="false">(</m	4.7	63
86	Nonperturbative $B\hat{t}^*$ decays: Analysis in pursuit of determining the weak phase stretchy="false">(</mml:mo><mml:mi>X</mml:mi><mml:mo>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 217 Td (stretchy="false">(</m	4.7	41
87	Study of light scalar mesons from heavy quark decays. , 2011, , .		0
89	Z-mediated charge and CP asymmetries and FCNCs in B, d, s processes. Journal of High Energy Physics, 2010, 2010, 1.	4.7	22
90	$B\hat{t}^*$ and $B\hat{t}^*$ stretchy="false">(</mml:mo><mml:mi>B</mml:mi><mml:mo> \hat{t}^* </mml:mo><mml:msub><mml:mi> $\hat{\Gamma}^3$ </mml:mi><mml:mi>V</mml:mi><mml:mrow><mml:mi>u</mml:mi><mml:mi>b</mml:mi></mml:mrow>	4.1	22

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91	$B \rightarrow \pi \pi$ -to-glueball form factor and glueball production in $B \rightarrow \pi \pi$ decays. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 085006.	3.6	9
92	Distinguishing two kinds of scalar mesons from heavy meson decays. Physical Review D, 2010, 82, .	4.7	41
93	Study of decay modes $B \rightarrow K^* \pi$ and $B \rightarrow K^* \rho$. Physical Review D, 2010, 82, .	4.7	24
94	Study of decay modes $B \rightarrow K^* \pi$ and $B \rightarrow K^* \rho$. Physical Review D, 2010, 82, .	4.7	47
95	Study of decay modes $B \rightarrow K^* \pi$ and $B \rightarrow K^* \rho$. Physical Review D, 2010, 82, .	4.7	76
96	Transition form factors of $B \rightarrow K^* \pi$ and $B \rightarrow K^* \rho$ decays into $\pi \pi$ and $\rho \rho$ transitions in the covariant light-front approach. Physical Review D, 2009, 79, .	4.7	46
97	Revisiting $B \rightarrow \pi \pi$ decays in the standard model. Physical Review D, 2009, 80, .	4.7	15
98	Branching ratios, forward-backward asymmetry, and angular distributions of $B \rightarrow K^* K^* \pi$ decays. Physical Review D, 2009, 79, .	4.7	12
99	Covariant light-front approach for $B \rightarrow K^* \pi$ transition form factors. Physical Review D, 2009, 79, .	4.7	115
100	Transition form factors of $B \rightarrow K^* \pi$ and $B \rightarrow K^* \rho$ decays into $\pi \pi$ and $\rho \rho$ transitions in the covariant light-front approach. Physical Review D, 2009, 79, .	4.7	48
101	Transition form factors of $B \rightarrow K^* \pi$ and $B \rightarrow K^* \rho$ decays into $\pi \pi$ and $\rho \rho$ transitions in the perturbative QCD approach. Physical Review D, 2009, 79, .	4.7	73
102	B to PP , PV decays analyzed in the soft collinear effective theory. , 2009, , .		0
103	Charmless two-body $B \rightarrow K^* \pi$ and $B \rightarrow K^* \rho$ decays in soft collinear effective theory. Physical Review D, 2008, 78, .		35
104	$B \rightarrow K^* K^* \pi$ form factors in the Covariant Light-Front Approach and Exclusive B Decays. Physical Review D, 2008, 78, .	4.7	20
105	Form factors of $B \rightarrow K^* \pi$ and $B \rightarrow K^* \rho$ decays. Physical Review D, 2008, 77, .	4.7	35
106	What can we learn from $B \rightarrow a_1(1260)(b_1(1235)) \pi$ decays?. Physical Review D, 2008, 78, .	4.7	15
107	Charmless nonleptonic $B \rightarrow K^* \pi$ and $B \rightarrow K^* \rho$ decays to $\pi \pi$ and $\rho \rho$ transitions in the covariant light-front approach. Physical Review D, 2008, 78, .	4.7	224
108	Heavy-to-light form factors on the light cone. Physical Review D, 2007, 76, .	4.7	84

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109	Exclusive processes $B_c \rightarrow e^+ \hat{a}^+ \nu$ factorization. Physical Review D, 2007, 75, .	4.7	11
110	Lepton flavor violating processes in unparticle physics. Physical Review D, 2007, 76, .	4.7	55
111	Study of $B_c \rightarrow \hat{a}^+ X(3872) \ell^- (K^-)$ decays in the covariant light-front approach. European Physical Journal C, 2007, 51, 841-847.	3.9	47
112	Final state interaction in $B \hat{a}^+ K K$ decays. Physical Review D, 2006, 73, .	4.7	48
113	Study of scalar mesons $f_0(980)$ and $f_0(1500)$ from $B \hat{a}^+ f_0(980) K$ and $B \hat{a}^+ f_0(1500) K$ decays. Physical Review D, 2006, 74, .	4.7	48