

Qiang Zhao

List of Publications by Year in descending order

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136
papers

5,148
citations

94433

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139
all docs

139
docs citations

139
times ranked

1684
citing authors

#	ARTICLE	IF	CITATIONS
1	Nature of X(6900) and its production mechanism at LHCb. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136794.	4.1	25
2	Study of heavy quark conserving weak decays in the quark model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 826, 136916.	4.1	12
3	Towards the establishment of the light $J/\psi(1S)$ hybrid nonet *. Chinese Physics C, 2022, 46, 051001.	3.7	16
4	Hadronic loop effects on the radiative decays of the first radial excitations of χ_{c1} and χ_{c2} . Physical Review D, 2022, 105, .	4.7	2
5	Periodicity and transversal pressure distribution in a C_{60} wrapped C_{60} fuel assembly. International Journal of Energy Research, 2021, 45, 11837-11850.	4.5	10
6	Fully strange tetraquark $s\bar{s}c\bar{c}$ spectrum and possible experimental evidence. Physical Review D, 2021, 103, .	4.7	16
7	Electron-ion collider in China. Frontiers of Physics, 2021, 16, 1.	5.0	208
8	Comprehensive study of light axial vector mesons with the presence of triangle singularity. Physical Review D, 2021, 104, .	4.7	8
9	Hyperon weak radiative decay *. Chinese Physics C, 2021, 45, 013101.	3.7	7
10	Possible Studies at the First Stage of the NICA Collider Operation with Polarized and Unpolarized Proton and Deuteron Beams. Physics of Particles and Nuclei, 2021, 52, 1044-1119.	0.7	18
11	Higher mass spectra of the fully-charmed and fully-bottom tetraquarks. Physical Review D, 2021, 104, .	4.7	18
12	The Study of Three-Dimensional Granular Stream Flowing through the Test Hopper-Shaped Target. Science and Technology of Nuclear Installations, 2020, 2020, 1-9.	0.8	1
13	Hadronic weak decays of χ_{c1} in the quark model. Physical Review D, 2020, 102, .	4.7	12
14	Identification of a visible narrow cusp structure in χ_{c1} . , 2020, . , .		0
15	Internal particle width effects on the triangle singularity mechanism in the study of the χ_{c1} . Physical Review D, 2020, 102, .	4.7	22
16	All-heavy tetraquarks. Physical Review D, 2019, 100, .	4.7	84
17	Visible narrow cusp structure in χ_{c1} enhanced by triangle singularity. Physical Review D, 2019, 100, .	4.7	19
18	Impact of S-wave thresholds $D_s1D_s^*+c.c.$ and $D_s0D_s^*+c.c.$ on vector charmonium spectrum. Physical Review D, 2019, 99, .	4.7	7

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19	MONITORING METHOD OF BEAM ON TARGET FOR ACCELERATOR DRIVEN SUB-CRITICAL SYSTEM. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2019, 2019.27, 1529.	0.0	0
20	DESIGN OF PROTECTION SYSTEM FOR ACCELERATOR DRIVEN SUB-CRITICAL SYSTEM. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2019, 2019.27, 1545.	0.0	0
21	Hadronic molecules. Reviews of Modern Physics, 2018, 90, .	45.6	836
22	Disentangling the role of the $Y(4260)$ in $e^+e^- \rightarrow D_s^* \bar{D}_s^* \chi_{c0}$ and $D_s^* \bar{D}_s^* \chi_{c1}$ via line shape studies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 402-408.	4.1	12
23	Strong decays of higher charmonium states into open-charm meson pairs. Physical Review D, 2018, 98, .	4.7	30
24	Revisiting the pseudoscalar meson and glueball mixing and key issues in the search for a pseudoscalar glueball state. Physical Review D, 2018, 97, .	4.7	12
25	Open Charm Contributions to the E1 Transitions of $(\psi_c)(3686)$ and $(\psi_c)(3770) \rightarrow \gamma \chi_{cJ}$. , 2017, , .		0
26	Probing $Y(4260)$ as the $(\bar{D}D_1 + c.c.)$ Hadronic Molecule State in $e^+e^- \rightarrow \gamma^* \rightarrow \bar{D}D_1 + c.c.$ Annihilations. , 2017, , .		0
27	Cross section line shape of $e^+e^- \rightarrow \gamma^* \rightarrow Y(4260) + c.c.$ around the $Y(4260)$ mass region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 52-56.	4.1	15
28	Searching for Detectable Effects Resulted by Triangle Singularity Mechanism. , 2017, , .		0
29	Understanding the newly observed $\bar{D}D_1$ states through their decays. Physical Review D, 2017, 95, .	4.7	74
30	Strong and radiative decays of the low-lying S - and P -wave singly heavy baryons. Physical Review D, 2017, 96, .	4.7	83
31	Threshold and Kinematic Effects for the Exotic Resonance-Like Structures. , 2017, , .		2
32	The Nature of Near-Threshold XYZ States. , 2016, , .		0
33	The role of anomalous triangle singularity in the understanding of the recently observed heavy pentaquark candidates $P_c^+(4380)$ and $P_c^+(4450)$. AIP Conference Proceedings, 2016, , .	0.4	0
34	Study of the rare decay $J/\psi \rightarrow e^+e^- \gamma^* \rightarrow \bar{D}D_1$. Chinese Physics C, 2016, 40, 073104.	3.7	3
35	Open charm contributions to the E1 transitions of $\psi_c(3686) \rightarrow \gamma \chi_{cJ}$ and $\psi_c(3770) \rightarrow \gamma \chi_{cJ}$. European Physical Journal C, 2016, 76, 1.	3.9	9
36	Production of $Y(4260)$ as a hadronic molecule state of $\bar{D}D_1 + c.c.$ in e^+e^- annihilations. Physical Review D, 2016, 94, .	4.7	26

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37	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
38	An Encoder with Speed over 40Gbps for RC LDPC Codes with Rates Up to 0.96. Chinese Journal of Electronics, 2016, 25, 921-927.	1.5	0
39	Understanding the newly observed heavy pentaquark candidates. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 231-236.	4.1	194
40	Searching for observable effects induced by anomalous triangle singularities. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 297-302.	4.1	94
41	Employing spin symmetry to disentangle different models for the $X(3872)$ states. Physical Review D, 2015, 91, .	4.7	62
42	Photoproduction of hidden charm pentaquark states $X(3872)$. Physical Review D, 2015, 91, .	4.7	62
43	Identifying the structure of near-threshold states from the line shape. Chinese Physics C, 2015, 39, 093101.	3.7	12
44	Lightest neutral hypernuclei with strangeness Λ . Physical Review C, 2015, 91, .	3.7	12
45	Could the near-threshold $X(3872)$ states be simply kinematic effects?. Physical Review D, 2015, 91, .	4.7	95
46	ICONE23-1174 APPLICATION OF FPGA IN THE RADIATION ENVIRONMENT OF ACCELERATOR DRIVEN SUB-CRITICAL SYSTEM. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2015, 2015.23, ICONE23-1- ICONE23-1.	0.0	0
47	Production of the $X(3872)$ states. Physical Review D, 2015, 91, .	4.7	15
48	Production of the $X(3872)$ states. Physical Review D, 2015, 91, .	4.7	67
49	Decoding the Riddle of $X(3872)$ states. Physical Review D, 2015, 91, .	4.7	157
50	Decoding the Riddle of $X(3872)$ states. Physical Review D, 2015, 91, .	7.8	224
51	Systematic study of the singularity mechanism in heavy quarkonium decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 106-110.	4.1	68
52	Study of the anomalous cross-section lineshape of $X(3872)$. Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 127-133.	4.1	15
53	Production of the $X(3872)$ states. Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 127-133.	4.1	15
54	Hunting for a scalar glueball in exclusive B decays. European Physical Journal A, 2013, 49, 1.	2.5	8

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55	Evasion of HSR in S-wave charmonium decaying to P-wave light hadrons. European Physical Journal C, 2012, 73, 1 Confirming the molecular nature of the Z_b	3.9	7
56	Low-energy reactions $K^* \rightarrow K \pi$	2.9	10
57	Understanding the property of D_{s1}	4.7	69
58	Further understanding of the non-radiative decays of D_{s1}	4.7	48
59	of D_{s1}	4.7	27
60	Mass spectrum and strong decays of isoscalar tensor mesons. Physical Review D, 2012, 86, .	4.7	35
61	Mixing of D_{s1}	4.7	18
62	effects on charmonium and D_{s1} meson decays. Physical Review D, 2012, 85, .	4.7	14
63	Puzzle of Anomalously Large Isospin Violations in D_{s1}	4.7	14
64	Physical Review Letters, 2012, 108, 081803.	1.5	2
65	PROBING SCALAR MESON STRUCTURES IN D_{s1} DECAYS INTO PSEUDOSCALAR AND SCALAR.	0.4	0
66	Open charm scenarios. Journal of Physics: Conference Series, 2012, 381, 012023.	4.7	8
67	Isospin violating decay of $(3770)^+$	4.7	26
68	Open charm effects in the explanation of the long-standing ρ^0 puzzle	4.7	14
69	and ρ^0 decays into light vector mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 711, 364-370.	3.9	3
70	Novel insights into the $X(1300)$ transition form factor. European Physical Journal C, 2012, 72, 1.	4.7	48
71	Categorizing resonances $X(1300)$	4.7	18
72	Open charm effects in $X(1300)$	4.7	18

#	ARTICLE	IF	CITATIONS
73	Understanding the radiative decays of vector charmonia to light pseudoscalar mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 52-57.	4.1	9
74	Effect of charmed meson loops on charmonium transitions. Physical Review D, 2011, 83, .	4.7	106
75	$\hat{1}\hat{2}$ photoproduction on the nucleon in the quark model. Physical Review C, 2011, 84, .	2.9	35
76	Revisit the radiative decays of $J/\psi \rightarrow \gamma \psi'$ and $J/\psi \rightarrow \gamma \psi(3686)$		

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91	Chapter 11 Physics of Soft Pions and the Lightest Scalars at $\langle i \rangle$ BES-III $\langle /i \rangle$. International Journal of Modern Physics A, 2009, 24, 251-265.	1.5	0
92	Chapter 10 Baryon Spectrum. International Journal of Modern Physics A, 2009, 24, 233-250.	1.5	1
93	Light Hadron Physics. International Journal of Modern Physics A, 2009, 24, 169-172.	1.5	0
94	TETRAQUARK $\langle i \rangle$ PRODUCTION IN $\langle i \rangle$ pn $\langle /i \rangle$. International Journal of Modern Physics E, 2009, 18, 309-314.	1.0	0
95	A search for a promising tetraquark candidate $\langle i \rangle$ χ in $\langle i \rangle$ pn $\langle /i \rangle$. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 015003.	3.6	5
96	Possible mechanism for producing the threshold enhancement in $\langle i \rangle$ χ . Physical Review Letters, 2009, 102, 082001.	4.7	13
97	Possible mechanism for producing the threshold enhancement in $\langle i \rangle$ χ and $\langle i \rangle$ χ radiative decays into $\langle i \rangle$ χ . Physical Review Letters, 2009, 102, 082001.	4.1	40
98	Possible contributions to $\langle i \rangle$ χ to intermediate meson rescatterings. Physical Review D, 2008, 78, .	4.7	13
99	Search for tetraquark candidate $\langle i \rangle$ Z . Physical Review D, 2008, 78, .	4.7	105
100	Charmed baryon strong decays in a chiral quark model. Physical Review D, 2008, 77, .	4.7	97
101	Strong decays of heavy-light mesons in a chiral quark model. Physical Review D, 2008, 78, .	3.6	45
102	Decays of $\langle i \rangle$ χ and $\langle i \rangle$ χ into vector and pseudoscalar mesons and the pseudoscalar glueball $\langle i \rangle$ mixing. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 055002.	4.7	23
103	Isospin violation in $\langle i \rangle$ χ . Physical Review D, 2007, 76, .	2.9	36
104	The $\langle i \rangle$ χ reaction at low energies in a chiral constituent quark model. Physical Review C, 2007, 76, .	4.7	57
105	Possibility of measuring $\langle i \rangle$ χ mixing from $\langle i \rangle$ χ . Physical Review D, 2007, 75, .	4.1	31
106	Study of electromagnetic decay of $\langle i \rangle$ and $\langle i \rangle$ to vector and pseudoscalar. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 645, 173-179.	4.7	12
107	Quarks, diquarks, and QCD mixing in the $\langle i \rangle$ resonance spectrum. Physical Review D, 2006, 74, .	4.7	22
108	Near-threshold enhancement in $\langle i \rangle$ χ . Physical Review D, 2006, 74, .		

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109	Okubo-Zweig-Iizuka rule violations in χ hadronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 631, 22-31.	4.1	18
110	Glueball- $QQ\bar{Q}$, mixings in the scalars. AIP Conference Proceedings, 2006, , .	0.4	0
111	SCALAR GLUEBALL PRODUCTION IN J/ψ HADRONIC DECAYS. International Journal of Modern Physics A, 2006, 21, 821-824.	1.5	4
112	Charmonium Hadronic Decays and the OZI Rule Violation Effects. International Journal of Modern Physics A, 2006, 21, 5529-5534.	1.5	0
113	Glueball- mixing and Okubo-Zweig-Iizuka rule violation in the hadronic decays of heavy quarkonia. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 631, 22-31.	4.1	33
114	Vector meson photoproduction studied in its radiative decay channel. Physical Review C, 2005, 71, .	2.9	10
115	RESTRICTED LOCALITY OF QUARK-HADRON DUALITY IN EXCLUSIVE MESON PHOTOPRODUCTION REACTIONS ABOVE THE RESONANCE REGION. International Journal of Modern Physics A, 2005, 20, 1910-1913.	1.5	3
116	Production of $f_0(1710)$, $f_0(1500)$, and $f_0(1370)$ in J/ψ hadronic decays. Physical Review D, 2005, 71, .	4.7	110
117	Coherent study of η , η' , ω , ρ and ϕ . Physical Review D, 2005, 72, .	4.7	29
118	Study of the exotic $\tilde{\chi}^+$ with polarized photon beams. Physical Review D, 2004, 69, .	4.7	31
119	Glueball hunting in $e^+e^- \rightarrow \gamma^* J/\psi \rightarrow \gamma f_0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 586, 332-336.	4.1	11
120	Study of the Exotic $\tilde{\chi}^+$ in Polarized Photoproduction Reactions. , 2004, , .		0
121	On baryon-antibaryon coupling to two photons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 553, 211-216.	4.1	4
122	Locality of Quark-Hadron Duality and Deviations from Quark Counting Rules Above the Resonance Region. Physical Review Letters, 2003, 91, 022004.	7.8	22
123	Pedagogic model for deeply virtual Compton scattering with quark-hadron duality. Physical Review D, 2002, 66, .	4.7	25
124	Pion photoproduction on the nucleon in the quark model. Physical Review C, 2002, 65, .	2.9	60
125	Contributions of vector meson photoproduction to the Gerasimov-Drell-Hearn sum rule. Physical Review C, 2002, 65, .	2.9	10
126	Quark model approach to the η meson electroproduction on the proton. Journal of Physics G: Nuclear and Particle Physics, 2002, 28, 1293-1311.	3.6	29

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127	Non-diffractive mechanisms in the ρ -meson photoproduction on nucleons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 509, 231-238.	4.1	18
128	Isospin effect on the process of multifragmentation and dissipation at intermediate energy heavy ion collisions. Physical Review C, 2001, 63, .	2.9	24
129	Quark model predictions for K^* photoproduction on the proton. Physical Review C, 2001, 64, .	2.9	33
130	ω photoproduction near threshold. Physical Review C, 2001, 63, .	2.9	12
131	Nucleonic resonance excitations with linearly polarized photons in $^3p\alpha^+p$. Physical Review C, 2001, 63, .	2.9	42
132	Nuclear Stopping as a Probe for In-Medium Nucleon-Nucleon Cross Sections in Intermediate Energy Heavy Ion Collisions. Physical Review Letters, 2001, 86, 975-978.	7.8	99
133	Nucleonic resonance effects in the ρ meson photoproduction. Nuclear Physics A, 1999, 660, 323-347.	1.5	25
134	ρ and ω photoproduction with an effective quark model Lagrangian. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 436, 42-48.	4.1	44
135	Vector meson photoproduction with an effective Lagrangian in the quark model. Physical Review C, 1998, 58, 2393-2413.	2.9	76
136	Observation of CP Non-Invariance in $\hat{\xi} + \hat{\alpha}^+ P^3$. Communications in Theoretical Physics, 1993, 19, 475-488.	2.5	2