

Qiang Zhao

List of Publications by Year in descending order

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136
papers

5,148
citations

94433

37
h-index

91884

69
g-index

139
all docs

139
docs citations

139
times ranked

1684
citing authors

#	ARTICLE	IF	CITATIONS
1	Hadronic molecules. Reviews of Modern Physics, 2018, 90, . Decoding the Riddle of Y	45.6	836
2	4260 Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (stretchy="false")</m	7.8	224
3	Electron-ion collider in China. Frontiers of Physics, 2021, 16, 1.	5.0	208
4	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
5	Puzzle of Anomalously Large Isospin Violations in $\hat{1}$ Physical Review Letters, 2012, 108, 081803.	4.7	110
6	Production of $f_0(1710)$, $f_0(1500)$, and $f_0(1370)$ in $\bar{p}n$ hadronic decays. Physical Review D, 2005, 71, .	4.7	110
7	Effect of charmed meson loops on charmonium transitions. Physical Review D, 2011, 83, .	4.7	106
8	Charmed baryon strong decays in a chiral quark model. Physical Review D, 2008, 77, . Photoproduction of hidden charm pentaquark states	4.7	105
9	4380 Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 417 Td (stretchy="false")</m	7.8	99
10	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
11	Strong decays of heavy-light mesons in a chiral quark model. Physical Review D, 2008, 78, .	4.7	97
12	Production of the X	4.7	95
13	Could the near-threshold X Y Z states be simply kinematic effects?. Physical Review D, 2015, 91, .	4.7	95
14	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
15	All-heavy tetraquarks. Physical Review D, 2019, 100, .	4.7	84
16	Strong and radiative decays of the low-lying S - and P -wave singly heavy baryons. Physical Review D, 2017, 96, .	4.7	83
17	Vector meson photoproduction with an effective Lagrangian in the quark model. Physical Review C, 1998, 58, 2393-2413.	2.9	76
18	Confirming the molecular nature of the Z b	4.7	76

#	ARTICLE	IF	CITATIONS
19	Understanding the newly observed χ_{c0} states through their decays. <i>Physical Review D</i> , 2013, 87, .	4.7	74
20	Understanding the property of χ_{c0} states. <i>Physical Review D</i> , 2013, 87, .	4.7	69
21	Systematic study of the singularity mechanism in heavy quarkonium decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 725, 106-110.	4.1	68
22	Employing spin symmetry to disentangle different models for the χ_{c0} -wave open charm vector quarkonium decays. <i>Physical Review D</i> , 2015, 92, .	4.7	67
23	Employing spin symmetry to disentangle different models for the χ_{c0} -wave open charm vector quarkonium decays. <i>Physical Review D</i> , 2015, 92, .	4.7	62
24	Search for tetraquark candidate χ_{c0} . <i>Physical Review D</i> , 2013, 87, .	4.7	61
25	Pion photoproduction on the nucleon in the quark model. <i>Physical Review C</i> , 2002, 65, .	2.9	60
26	Possibility of measuring χ_{c0} - χ_{c1} mixing from χ_{c0} decays. <i>Physical Review D</i> , 2007, 75, .	4.7	57
27	Towards a Dynamical Understanding of the Non- χ_{c0} States. <i>Physical Review D</i> , 2013, 87, .	4.7	56
28	Decay of χ_{c0} into χ_{c1} and χ_{c2} . <i>Physical Review D</i> , 2013, 87, .	7.8	55
29	Strong decays of newly observed D_s states in a constituent quark model with effective Lagrangians. <i>Physical Review D</i> , 2010, 81, .	4.7	55
30	Categorizing resonances χ_{c0} . <i>Physical Review D</i> , 2013, 87, .	4.7	48
31	Decays of χ_{c0} into χ_{c1} and χ_{c2} . <i>Physical Review D</i> , 2013, 87, .	4.7	48
32	Decays of χ_{c0} and χ_{c1} into vector and pseudoscalar mesons and the pseudoscalar glueball \tilde{g} . <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008, 35, 055002.	3.6	45
33	Novel analysis of the decays χ_{c0} into χ_{c1} and χ_{c2} . <i>Physical Review D</i> , 2010, 81, .	4.7	45
34	χ_{c0} and χ_{c1} photoproduction with an effective quark model Lagrangian. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 436, 42-48.	4.1	44
35	Evasion of helicity selection rule in χ_{c0} decays. <i>Physical Review D</i> , 2010, 81, .	4.7	44
36	Nucleonic resonance excitations with linearly polarized photons in χ_{c0} p. <i>Physical Review C</i> , 2001, 63, .	2.9	42

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37	Loop contributions to J/ψ and $\psi(3686)$ radiative decays into $\Lambda_c^+ \Lambda_c^0$	4.1	40
38	The $\Lambda_c^+ \Lambda_c^0$ reaction at low energies in a chiral constituent quark model. Physical Review C, 2007, 76, .	2.9	36
39	$\Lambda_c^+ \Lambda_c^0$ photoproduction on the nucleon in the quark model. Physical Review C, 2011, 84, .	2.9	35
40	Mass spectrum and strong decays of isoscalar tensor mesons. Physical Review D, 2012, 86, .	4.7	35
41	Quark model predictions for $K^* \Lambda_c^+ \Lambda_c^0$ photoproduction on the proton. Physical Review C, 2001, 64, .	2.9	33
42	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
43	$\Lambda_c^+ \Lambda_c^0$ photoproduction on quasifree nucleons in the chiral quark model. Physical Review C, 2011, 84, .	2.9	33
44	Further study of the helicity selection rule evading mechanism in $\Lambda_c^+ \Lambda_c^0$ decaying to baryon-anti-baryon pairs. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 035007.	3.6	32
45	Study of the exotic $\Lambda_c^+ \Lambda_c^0$ with polarized photon beams. Physical Review D, 2004, 69, .	4.7	31
46	Study of electromagnetic decay of $\Lambda_c^+ \Lambda_c^0$ to vector and pseudoscalar. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 645, 173-179.	4.1	31
47	Strong decays of higher charmonium states into open-charm meson pairs. Physical Review D, 2018, 98, .	4.7	30
48	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
49	Coherent study of $\Lambda_c^+ \Lambda_c^0$ and $\Lambda_c^+ \Lambda_c^0$. Physical Review D, 2005, 72, .	4.7	29
50	Lightest neutral hypernuclei with strangeness $\Lambda_c^+ \Lambda_c^0$	2.9	29
51	$\Lambda_c^+ \Lambda_c^0$ and $\Lambda_c^+ \Lambda_c^0$ photoproduction on the nucleon		

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91	<p>Low-energy reactions</p> $D \rightarrow s \gamma$ <p>Physical Review C, 2013, 88, .</p>	4.7	10
92	<p>Periodicity and transversal pressure distribution in a wire-wrapped fuel assembly.</p> <p>International Journal of Energy Research, 2021, 45, 11837-11850.</p>	4.5	10
94	<p>Understanding the radiative decays of vector charmonia to light pseudoscalar mesons.</p> <p>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 52-57.</p>	4.1	9
95	<p>Open charm contributions to the E1 transitions of $\psi(3686)$ and $\psi(3770)$</p> <p>European Physical Journal C, 2016, 76, 1.</p>	3.9	9
96	<p>Possible mechanism for producing the threshold enhancement in $J/\psi \rightarrow \rho \pi^0$</p> <p>Physical Review D, 2009, 80, .</p>	4.7	8
97	<p>Isospin violating decay of $\psi(3770) \rightarrow \rho^0 \pi^0$</p> <p>Physical Review D, 2012, 85, .</p>	4.7	8
98	<p>Hunting for a scalar glueball in exclusive B decays.</p> <p>European Physical Journal A, 2013, 49, 1.</p>	2.5	8
99	<p>Comprehensive study of light axial vector mesons with the presence of triangle singularity.</p> <p>Physical Review D, 2021, 104, .</p>	4.7	8
100	<p>Puzzles in charmonium decays.</p> <p>Nuclear Physics, Section B, Proceedings Supplements, 2010, 207-208, 347-350.</p>	0.4	7
101	<p>Shape of $D^* \rightarrow D \gamma$ and electromagnetic f.</p> <p>Physical Review D, 2010, 81, .</p>	4.7	7
102	<p>Evasion of HSR in S-wave charmonium decaying to P-wave light hadrons.</p> <p>European Physical Journal C, 2013, 73, 1.</p>	3.9	7
103	<p>Impact of S-wave thresholds $D_s^* \rightarrow D_s \gamma$ and $D_s^* \rightarrow D_s^* \gamma$ on vector charmonium spectrum.</p> <p>Physical Review D, 2019, 99, .</p>	4.7	7
104	<p>Hyperon weak radiative decay $\Lambda^0 \rightarrow \Lambda \gamma$.</p> <p>Chinese Physics C, 2021, 45, 013101.</p>	3.7	7
105	<p>A search for a promising tetraquark candidate $X(ud\bar{u}\bar{d})$</p> <p>Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 015003.</p>	3.6	5
106	<p>On baryon-antibaryon coupling to two photons.</p> <p>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 553, 211-216.</p>	4.1	4
107	<p>SCALAR GLUEBALL PRODUCTION IN J/ψ HADRONIC DECAYS.</p> <p>International Journal of Modern Physics A, 2006, 21, 821-824.</p>	1.5	4
108	<p>Chapter 12 Two-Photon Physics.</p> <p>International Journal of Modern Physics A, 2009, 24, 267-275.</p>	1.5	4

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109	RESTRICTED LOCALITY OF QUARK-HADRON DUALITY IN EXCLUSIVE MESON PHOTOPRODUCTION REACTIONS ABOVE THE RESONANCE REGION. <i>International Journal of Modern Physics A</i> , 2005, 20, 1910-1913.	1.5	3
110	Chiral Quark Model Approach for the Study of Baryon Resonances. <i>Progress of Theoretical Physics Supplement</i> , 2010, 186, 253-259.	0.1	3
111	Novel insights into the $\hat{\rho}^3 \rightarrow \hat{\rho}^0$ transition form factor. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	3
112	Study of the rare decay $J/\psi \rightarrow e^+ e^- \gamma$. <i>Chinese Physics C</i> , 2016, 40, 073104.	3.7	3
113	Observation of CP Non-Invariance in $\hat{\rho}^+ \rightarrow \hat{\rho}^0 \pi^+$. <i>Communications in Theoretical Physics</i> , 1993, 19, 475-488.	2.5	2
114	Chapter 9 Meson Spectroscopy. <i>International Journal of Modern Physics A</i> , 2009, 24, 173-232.	1.5	2
115	PROBING SCALAR MESON STRUCTURES IN $\hat{\rho}^0$ DECAYS INTO PSEUDOSCALAR AND SCALAR. <i>International Journal of Modern Physics A</i> , 2012, 27, 1250135.	1.5	2
116	Threshold and Kinematic Effects for the Exotic Resonance-Like Structures. , 2017, , .		2
117	Hadronic loop effects on the radiative decays of the first radial excitations of $\hat{\rho}^0$ and $\hat{\rho}^+$. <i>Physical Review D</i> , 2022, 105, .	4.7	2
118	Chapter 10 Baryon Spectrum. <i>International Journal of Modern Physics A</i> , 2009, 24, 233-250.	1.5	1
119	The Study of Three-Dimensional Granular Stream Flowing through the Test Hopper-Shaped Target. <i>Science and Technology of Nuclear Installations</i> , 2020, 2020, 1-9.	0.8	1
120	Glueball- $Q\bar{Q}$ mixings in the scalars. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	0
121	Charmonium Hadronic Decays and the OZI Rule Violation Effects. <i>International Journal of Modern Physics A</i> , 2006, 21, 5529-5534.	1.5	0
122	Chapter 11 Physics of Soft Pions and the Lightest Scalars at BES-III. <i>International Journal of Modern Physics A</i> , 2009, 24, 251-265.	1.5	0
123	Light Hadron Physics. <i>International Journal of Modern Physics A</i> , 2009, 24, 169-172.	1.5	0
124	TETRAQUARK $\chi_c(0)$ PRODUCTION IN $p\bar{p} \rightarrow \chi_c(0) X$. <i>International Journal of Modern Physics E</i> , 2009, 18, 309-314.	1.0	0
125	Open charm scenarios. <i>Journal of Physics: Conference Series</i> , 2012, 381, 012023.	0.4	0
126	The Nature of Near-Threshold XYZ States. , 2016, , .		0

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127	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
128	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
129	Open Charm Contributions to the E1 Transitions of $(\psi')(3686)$ and $(\psi')(3770)$ (χ_{cJ}). , 2017, , .		0
130	Probing $Y(4260)$ as the $(\bar{c}D_1 + c.c.)$ Hadronic Molecule State in $e^+e^- \rightarrow \gamma^* \rightarrow \bar{c}D_1 + c.c.$ Annihilations. , 2017, , .		0
131	Searching for Detectable Effects Resulted by Triangle Singularity Mechanism. , 2017, , .		0
132	Study of the Exotic $\hat{\Gamma}^+$ in Polarized Photoproduction Reactions. , 2004, , .		0
133	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
134	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
135	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
136	Identification of a visible narrow cusp structure in $\hat{\Gamma}^+ \rightarrow \bar{c} + \hat{\Gamma}^+ \rightarrow p \bar{K}^+ \bar{\Gamma}^+$. , 2020, , .		0