

Qiang Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

136
papers

5,148
citations

94269

37
h-index

91712

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 | 16.4 | 836 |
| 2 | 4260 Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (stretchy="false")</m | 2.9 | 224 |
| 3 | Electron-ion collider in China. Frontiers of Physics, 2021, 16, 1. | 2.4 | 208 |
| 4 | Understanding the newly observed heavy pentaquark candidates. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 231-236. | 1.5 | 194 |
| 5 | Puzzle of Anomalously Large Isospin Violations in $\hat{1}$ Physical Review Letters, 2012, 108, 081803. | 2.9 | 1078 |
| 6 | Production of $f_0(1710)$, $f_0(1500)$, and $f_0(1370)$ in $\bar{p}n$ hadronic decays. Physical Review D, 2005, 71, . | 1.6 | 110 |
| 7 | Effect of charmed meson loops on charmonium transitions. Physical Review D, 2011, 83, . | 1.6 | 106 |
| 8 | Charmed baryon strong decays in a chiral quark model. Physical Review D, 2008, 77, . Photoproduction of hidden charm pentaquark states | 1.6 | 105 |
| 9 | 4380 Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 4.67 Td (stretchy="false")</m | | |
| 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. | 2.9 | 99 |
| 11 | Strong decays of heavy-light mesons in a chiral quark model. Physical Review D, 2008, 78, . | 1.6 | 97 |
| 12 | Production of the X | | |
| 13 | Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 127-133. Could the near-threshold X Y Z states be simply kinematic effects?. Physical Review D, 2015, 91, . | 1.6 | 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. | 1.5 | 94 |
| 15 | All-heavy tetraquarks. Physical Review D, 2019, 100, . | 1.6 | 84 |
| 16 | Strong and radiative decays of the low-lying S - and P -wave singly heavy baryons. Physical Review D, 2017, 96, . | 1.6 | 83 |
| 17 | Vector meson photoproduction with an effective Lagrangian in the quark model. Physical Review C, 1998, 58, 2393-2413. | 1.1 | 76 |
| 18 | Confirming the molecular nature of the Z 10610 Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 57 Td (stretchy="false")</m | | |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Understanding the newly observed χ_{c0} states through their decays. <i>Physical Review D</i> , 2013, 87, . | 1.6 | 74 |
| 20 | Understanding the property of χ_{c0} states. <i>Physical Review D</i> , 2013, 87, . | 1.6 | 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. | 1.5 | 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, . | 1.6 | 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, . | 1.6 | 62 |
| 24 | Search for tetraquark candidate χ_{c0} . <i>Physical Review D</i> , 2013, 87, . | 1.6 | 61 |
| 25 | Pion photoproduction on the nucleon in the quark model. <i>Physical Review C</i> , 2002, 65, . | 1.1 | 60 |
| 26 | Possibility of measuring χ_{c0} - χ_{c1} mixing from χ_{c0} decays. <i>Physical Review D</i> , 2007, 75, . | 1.6 | 57 |
| 27 | Towards a Dynamical Understanding of the Non- χ_{c0} States. <i>Physical Review D</i> , 2013, 87, . | 1.6 | 56 |
| 28 | Decay of χ_{c0} into χ_{c1} and χ_{c2} . <i>Physical Review D</i> , 2013, 87, . | 2.9 | 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, . | 1.6 | 55 |
| 30 | Categorizing resonances χ_{c0} . <i>Physical Review D</i> , 2013, 87, . | 1.6 | 48 |
| 31 | Decays of χ_{c0} into χ_{c1} and χ_{c2} . <i>Physical Review D</i> , 2013, 87, . | 1.6 | 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. | 1.4 | 45 |
| 33 | Novel analysis of the decays χ_{c0} into χ_{c1} and χ_{c2} . <i>Physical Review D</i> , 2010, 81, . | 1.6 | 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. | 1.5 | 44 |
| 35 | Evasion of helicity selection rule in χ_{c0} decays. <i>Physical Review D</i> , 2010, 81, . | 1.6 | 44 |
| 36 | Nucleonic resonance excitations with linearly polarized photons in χ_{c0} p. <i>Physical Review C</i> , 2001, 63, . | 1.1 | 42 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | radiative decays into ρ and ω mesons. Physical Review C, 2007, 76, . | 1.5 | 40 |
| 38 | The ρ - ω 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. | 1.1 | 36 |
| 39 | ρ photoproduction on the nucleon in the quark model. Physical Review C, 2011, 84, . | 1.1 | 35 |
| 40 | Mass spectrum and strong decays of isoscalar tensor mesons. Physical Review D, 2012, 86, . | 1.6 | 35 |
| 41 | Quark model predictions for K^* photoproduction on the proton. Physical Review C, 2001, 64, . | 1.1 | 33 |
| 42 | Glueball- ρ 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. | 1.5 | 33 |
| 43 | ρ photoproduction on quasifree nucleons in the chiral quark model. Physical Review C, 2011, 84, . | 1.1 | 33 |
| 44 | Further study of the helicity selection rule evading mechanism in ρ decaying to baryon-anti-baryon pairs. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 035007. | 1.4 | 32 |
| 45 | Study of the exotic ρ^+ with polarized photon beams. Physical Review D, 2004, 69, . | 1.6 | 31 |
| 46 | Study of electromagnetic decay of ρ and ω to vector and pseudoscalar. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 645, 173-179. | 1.5 | 31 |
| 47 | Strong decays of higher charmonium states into open-charm meson pairs. Physical Review D, 2018, 98, . | 1.6 | 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. | 1.4 | 29 |
| 49 | Coherent study of ρ and ω mesons. Physical Review D, 2005, 72, . | 1.6 | 29 |
| 50 | Lightest neutral hypernuclei with strangeness $S = -1$ and $S = -2$. Physical Review C, 2015, 91, . | 1.6 | 29 |
| 51 | Lightest neutral hypernuclei with strangeness $S = -1$ and $S = -2$. Physical Review C, 2015, 91, . | 1.6 | 29 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Low-energy reactions $\chi_{c1}(3596) \rightarrow \chi_{c0}(3596) \gamma$. Physical Review C, 2013, 88, . | 1.6 | 10 |
| 92 | Physical Review C, 2013, 88, . | 1.1 | 10 |
| 93 | Periodicity and transversal pressure distribution in a $\text{Wire-wrapped } 19\text{-pin}$ fuel assembly. International Journal of Energy Research, 2021, 45, 11837-11850. | 2.2 | 10 |
| 94 | 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. | 1.5 | 9 |
| 95 | Open charm contributions to the E1 transitions of $\psi(3686) \rightarrow \psi(3686) \gamma$ and $\psi(3770) \rightarrow \psi(3770) \gamma$. European Physical Journal C, 2016, 76, 1. | 1.4 | 9 |
| 96 | Possible mechanism for producing the threshold enhancement in $\psi(3770) \rightarrow \psi(3770) \gamma$. Physical Review D, 2009, 80, . | | |
| 97 | Isospin violating decay of $\psi(3770) \rightarrow \psi(3770) \gamma$. Physical Review D, 2012, 85, . | 1.6 | 8 |
| 98 | Hunting for a scalar glueball in exclusive B decays. European Physical Journal A, 2013, 49, 1. | 1.0 | 8 |
| 99 | Comprehensive study of light axial vector mesons with the presence of triangle singularity. Physical Review D, 2021, 104, . | 1.6 | 8 |
| 100 | Puzzles in charmonium decays. Nuclear Physics, Section B, Proceedings Supplements, 2010, 207-208, 347-350. | 0.5 | 7 |
| 101 | Shape of $\psi(3770) \rightarrow \psi(3770) \gamma$ and electromagnetic f. Physical Review D, 2010, 81, . | 1.6 | 7 |
| 102 | Evasion of HSR in S-wave charmonium decaying to P-wave light hadrons. European Physical Journal C, 2013, 73, 1. | 1.4 | 7 |
| 103 | Impact of S -wave thresholds $D_s 1D_1 \rightarrow s+c.c.$ and $D_s 0D_1 \rightarrow s^*+c.c.$ on vector charmonium spectrum. Physical Review D, 2019, 99, . | 1.6 | 7 |
| 104 | Hyperon weak radiative decay *. Chinese Physics C, 2021, 45, 013101. | 1.5 | 7 |
| 105 | A search for a promising tetraquark candidate $X(\text{u}d\text{ar}\text{h}^*\text{ar}\text{s})$ in $p\bar{n} \rightarrow X \pi^0$. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 015003. | 1.4 | 5 |
| 106 | On baryon-antibaryon coupling to two photons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 553, 211-216. | 1.5 | 4 |
| 107 | SCALAR GLUEBALL PRODUCTION IN J/ψ HADRONIC DECAYS. International Journal of Modern Physics A, 2006, 21, 821-824. | 0.5 | 4 |
| 108 | Chapter 12 Two-Photon Physics. International Journal of Modern Physics A, 2009, 24, 267-275. | 0.5 | 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. | 0.5 | 3 |
| 110 | Chiral Quark Model Approach for the Study of Baryon Resonances. <i>Progress of Theoretical Physics Supplement</i> , 2010, 186, 253-259. | 0.2 | 3 |
| 111 | Novel insights into the $\hat{\pi}^3 \hat{\pi} \rightarrow 0$ transition form factor. <i>European Physical Journal C</i> , 2012, 72, 1. | 1.4 | 3 |
| 112 | Study of the rare decay $J/\psi \rightarrow e^+ e^- \pi^0 \eta$. <i>Chinese Physics C</i> , 2016, 40, 073104. | 1.5 | 3 |
| 113 | Observation of CP Non-Invariance in $\hat{\Sigma}^+ \rightarrow \hat{\pi}^0 \hat{P}^0$. <i>Communications in Theoretical Physics</i> , 1993, 19, 475-488. | 1.1 | 2 |
| 114 | Chapter 9 Meson Spectroscopy. <i>International Journal of Modern Physics A</i> , 2009, 24, 173-232. | 0.5 | 2 |
| 115 | PROBING SCALAR MESON STRUCTURES IN $\hat{\eta}' \rightarrow \pi^0 \pi^0$ DECAYS INTO PSEUDOSCALAR AND SCALAR. <i>International Journal of Modern Physics A</i> , 2012, 27, 1250135. | 0.5 | 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 $\hat{\omega}$. <i>Physical Review D</i> , 2022, 105, . | 1.6 | 2 |
| 118 | Chapter 10 Baryon Spectrum. <i>International Journal of Modern Physics A</i> , 2009, 24, 233-250. | 0.5 | 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. | 0.3 | 1 |
| 120 | Glueball- $Q\bar{Q}$ mixings in the scalars. <i>AIP Conference Proceedings</i> , 2006, , . | 0.3 | 0 |
| 121 | Charmonium Hadronic Decays and the OZI Rule Violation Effects. <i>International Journal of Modern Physics A</i> , 2006, 21, 5529-5534. | 0.5 | 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. | 0.5 | 0 |
| 123 | Light Hadron Physics. <i>International Journal of Modern Physics A</i> , 2009, 24, 169-172. | 0.5 | 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. | 0.4 | 0 |
| 125 | Open charm scenarios. <i>Journal of Physics: Conference Series</i> , 2012, 381, 012023. | 0.3 | 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, , . | 0.3 | 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. | 0.7 | 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 $e^+e^- \rightarrow \gamma^* \rightarrow \bar{c}c$ Annihilations. , 2017, , . | | 0 |
| 131 | Searching for Detectable Effects Resulted by Triangle Singularity Mechanism. , 2017, , . | | 0 |
| 132 | Study of the Exotic $\bar{c}c$ 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 $\bar{c}c + \bar{p}K^+ \bar{K}^0$. , 2020, , . | | 0 |