

Tord Johansson

List of Publications by Year in descending order

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379
papers

10,400
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34105

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381
all docs

381
docs citations

381
times ranked

5680
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Physics with the KLOE-2 experiment at the upgraded DAΦNE. European Physical Journal C, 2010, 68, 619-681. | 3.9 | 222 |
| 2 | Abashian-Booth-Crowe Effect in Basic Double-Pionic Fusion: A New Resonance?. Physical Review Letters, 2011, 106, 242302. | 7.8 | 210 |
| 3 | Precise Measurement of the $e^+e^- \rightarrow \pi^+\pi^-\pi^0$ Cross Section at Center-of-Mass Energies from 3.77 to 4.66 GeV. Physical Review Letters, 2017, 118, 092001. | 7.8 | 182 |
| 4 | Double-Pionic Fusion of Nuclear Systems and the $\rho(770)$ Effect: Approaching a Puzzle by Exclusive and Kinematically Complete Measurements. Physical Review Letters, 2009, 102, 052301. | 7.8 | 175 |
| 5 | Measurement of the $e^+e^- \rightarrow \pi^+\pi^-\pi^0$ cross section between 600 and 900 MeV using initial state radiation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 629-638. | 4.1 | 174 |
| 6 | Evidence for a New Resonance from Polarized Neutron-Proton Scattering. Physical Review Letters, 2014, 112, . | 7.8 | 150 |
| 7 | Observation of $e^+e^- \rightarrow \pi^+\pi^-\pi^0$ Cross Section at Center-of-Mass Energies from 3.77 to 4.66 GeV. Physical Review Letters, 2017, 118, 092001. | 7.8 | 145 |
| 8 | Limit on the production of a light vector gauge boson in ρ meson decays with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 111-115. | 4.1 | 140 |
| 9 | Evidence of Two Resonant Structures in $e^+e^- \rightarrow \pi^+\pi^-\pi^0$ Cross Section at Center-of-Mass Energies from 3.77 to 4.66 GeV. Physical Review Letters, 2017, 118, 092002. | 7.8 | 139 |
| 10 | The $pp \rightarrow \pi^+\pi^0$ reaction near the kinematical threshold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 366, 39-43. | 4.1 | 123 |
| 11 | Search for a vector gauge boson in ρ meson decays with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 706, 251-255. | 4.1 | 116 |
| 12 | Observation of $e^+e^- \rightarrow \pi^+\pi^-\pi^0$ Cross Section at Center-of-Mass Energies from 3.77 to 4.66 GeV. Physical Review Letters, 2014, 113, 212002. | 7.8 | 116 |
| 13 | Isospin decomposition of the basic double-pionic fusion in the region of the ABC effect. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 229-236. | 4.1 | 114 |
| 14 | Precision measurement of $e^+e^- \rightarrow \pi^+\pi^-\pi^0$ Cross Section at Center-of-Mass Energies from 3.77 to 4.66 GeV. Physical Review Letters, 2017, 118, 092001. | | |

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Measurements of Absolute Hadronic Branching Fractions of the Λ_c^+ . Physical Review Letters, 2016, 116, 052001. | 7.8 | 94 |
| 20 | Measurement of the Quasifree $n\bar{p}d \rightarrow \bar{p}n$ Reaction near Threshold. Physical Review Letters, 1997, 79, 2642-2645. | 7.8 | 91 |
| 21 | Search for light vector boson production in $e^+e^- \rightarrow e^+e^- \gamma^* \rightarrow e^+e^- \rho^0$. Physical Review Letters, 2011, 106, 012001. | 4.1 | 87 |
| 22 | Search for light vector boson production in $e^+e^- \rightarrow e^+e^- \gamma^* \rightarrow e^+e^- \omega$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 459-464. | 4.1 | 84 |
| 23 | The $pp \rightarrow p\bar{p} \rho^0$ reaction near the kinematical threshold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 356, 8-12. | 4.1 | 80 |
| 24 | The WASA detector facility at CELSIUS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 594, 339-350. | 1.6 | 79 |
| 25 | Confirmation of a charged charmoniumlike state $\psi(3725)$. Physical Review Letters, 2008, 101, 012001. | 4.7 | 78 |
| 26 | Threshold Structure of the Quasifree $n\bar{p}d \rightarrow \bar{p}n$ Reaction. Physical Review Letters, 1998, 80, 2069-2072. | 7.8 | 75 |
| 27 | Measurement of $\Lambda_c^+ \rightarrow p\bar{p} \rho^0$. Physical Review D, 2017, 96, 012001. | 4.7 | 74 |
| 28 | Limit on the production of a new vector boson in $e^+e^- \rightarrow e^+e^- \gamma^* \rightarrow e^+e^- \rho^0$ with the KLOE experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 356-361. | 4.1 | 74 |
| 29 | Determination of the Spin and Parity of the $\psi(3725)$. Physical Review Letters, 2008, 101, 012001. | 4.7 | 74 |
| 30 | Technical design report for the \overline{P} ANDA (AntiProton Annihilations at Darmstadt) Straw Tube Tracker. European Physical Journal A, 2013, 49, 1. | 2.5 | 71 |
| 31 | Measurement of the Absolute Branching Fraction for $\Lambda_c^+ \rightarrow p\bar{p} \rho^0$. Physical Review Letters, 2015, 115, 221805. | 7.8 | 71 |
| 32 | Study of the reaction at 1.546 and 1.695 GeV/c. Nuclear Physics A, 1991, 526, 575-601. | 1.5 | 70 |
| 33 | Observation of a Neutral Structure near the Λ_c^+ Threshold in $e^+e^- \rightarrow e^+e^- \gamma^* \rightarrow e^+e^- \rho^0$. Physical Review Letters, 2015, 115, 221805. | 7.8 | 70 |
| 34 | Subthreshold Pion Production in Heavy-Ion Collisions at 85 A MeV. Physical Review Letters, 1982, 48, 732-735. | 7.8 | 69 |
| 35 | Observation of a Neutral Charmoniumlike State $\psi(3725)$. Physical Review Letters, 2008, 101, 012001. | 4.7 | 69 |
| 36 | Measurements of the center-of-mass energies at BESIII via the di-muon process. Chinese Physics C, 2016, 40, 063001. | 3.7 | 68 |

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Exclusive Measurement of the $\pi^+p \rightarrow \pi^+\pi^+\pi^-$ Reaction Near Threshold. Physical Review Letters, 2002, 88, 192301. | 7.8 | 67 |
| 38 | Precision Measurement of the $\pi^+p \rightarrow \pi^+\pi^+\pi^-$ Reaction Near Threshold. Physical Review Letters, 2018, 120, 132001. | 7.8 | 66 |
| 39 | Measurement of the $\pi^+p \rightarrow \pi^+\pi^+\pi^-$ reaction. Physical Review C, 1998, 58, 2667-2670. | 2.9 | 65 |
| 40 | Effects of tree stand species composition on insect herbivory of silver birch in boreal forests. Basic and Applied Ecology, 2006, 7, 1-11. | 2.7 | 64 |
| 41 | Study of dynamics of the $\pi^+p \rightarrow \pi^+\pi^+\pi^-$ reaction. Physical Review Letters, 2015, 115, 022001. | 4.7 | 64 |
| 42 | Measurement of the proton form factor by studying $\pi^+p \rightarrow \pi^+\pi^+\pi^-$ reaction. Physical Review D, 2015, 91, 072001. | 4.7 | 63 |
| 43 | Observation of a cross-section enhancement near mass threshold in $\pi^+p \rightarrow \pi^+\pi^+\pi^-$ reaction. Physical Review C, 2013, 88, 024907. | 2.9 | 62 |
| 44 | Observation of a cross-section enhancement near mass threshold in $\pi^+p \rightarrow \pi^+\pi^+\pi^-$ reaction. Physical Review D, 2018, 97, . | 4.7 | 62 |
| 45 | Determination of the number of J/ψ events with inclusive J/ψ decays. Chinese Physics C, 2017, 41, 013001. | 3.7 | 55 |
| 46 | Increment and biomass in hybrid poplar and some practical implications. Biomass and Bioenergy, 2011, 35, 1925-1934. | 5.7 | 54 |
| 47 | Neutron-proton scattering in the context of the $\pi^+p \rightarrow \pi^+\pi^+\pi^-$ resonance. Physical Review C, 2014, 90, . | 4.1 | 54 |
| 48 | Test of CPT and Lorentz symmetry in entangled neutral kaons with the KLOE experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 730, 89-94. | 4.1 | 54 |
| 49 | Measurement of the $\pi^+p \rightarrow \pi^+\pi^+\pi^-$ cross section at $\sqrt{s} = 1.02$ GeV. Physical Review D, 2015, 91, 072001. | 4.7 | 54 |
| 50 | Detector setup for a storage ring with an internal target. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 379, 57-75. | 1.6 | 53 |
| 51 | Determination of the number of $J/\psi(3686)$ events at BESIII. Chinese Physics C, 2018, 42, 023001. | 3.7 | 53 |
| 52 | Evidence of a Resonant Structure in the $\pi^+p \rightarrow \pi^+\pi^+\pi^-$ reaction. Physical Review Letters, 2019, 122, 102002. | 7.8 | 53 |
| 53 | Cross sections of the reaction between 310 and 425 MeV. Nuclear Physics A, 2001, 693, 633-662. | 1.5 | 51 |
| 54 | The $\pi^+p \rightarrow \pi^+\pi^+\pi^-$ reaction studied in the low-energy tail of the Roper resonance. Physical Review C, 2003, 67, . | 2.9 | 51 |

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| 73 | Measurement of the Branching Fraction For the Semileptonic Decay $D^0 \rightarrow \pi^+ \ell^- \bar{\nu}_\ell$ and Test of Lepton Flavor Universality. Physical Review Letters, 2018, 121, 171803. | 7.8 | 42 |
| 74 | Quadrupole interactions in pionic and muonic tantalum and rhenium. Nuclear Physics A, 1981, 360, 187-207. | 1.5 | 41 |
| 75 | Observation of rainbow scattering in the $C^{12}+C^{12}$ system at $E_{c.m.}=508$ MeV. Physical Review C, 1982, 26, 1299-1301. | 2.9 | 41 |
| 76 | Estimating canopy density by the vertical tube method. Forest Ecology and Management, 1985, 11, 139-144. | 3.2 | 40 |
| 77 | Search for $\bar{\nu}_\mu$ -mesic ^4He with the WASA-at-COSY detector. Physical Review C, 2013, 87, . | 2.9 | 40 |
| 78 | Observation of an Anomalous Line Shape of the $\pi^0 \rightarrow \gamma \gamma$ Spectrum near the $\pi^0 \rightarrow \gamma \pi^0$ Threshold. Physical Review Letters, 2016, 117, 012002. | 4.7 | 40 |
| 79 | Measurement of the $\pi^0 \rightarrow \gamma \pi^0$ cross section and search for $\pi^0 \rightarrow \gamma \pi^0$ decays. Physical Review D, 2015, 92, . | 4.7 | 39 |
| 80 | Improved measurement of the absolute branching fraction of $D^0 \rightarrow \pi^+ \mu^- \bar{\nu}_\mu$. European Physical Journal C, 2016, 76, 1. | 3.9 | 39 |
| 81 | Luminosity measurements for the R scan experiment at BESIII. Chinese Physics C, 2017, 41, 063001. | 3.7 | 39 |
| 82 | Higher partial waves in $pp \rightarrow pp$ near threshold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 458, 190-196. | 4.1 | 37 |
| 83 | Amplitude analysis of the $\pi^0 \rightarrow \gamma \gamma$ produced in radiative $\pi^0 \rightarrow \gamma \pi^0$ decays. Physical Review D, 2015, 92, . | 4.7 | 37 |
| 84 | Precision measurements of $B \rightarrow \pi \pi$ decays. Physical Review D, 2017, 95, . | 4.1 | 37 |
| 85 | Amplitude analysis of the $\pi^0 \rightarrow \gamma \pi^0$ decays. Physical Review D, 2017, 95, . | 4.7 | 37 |
| 86 | Precision measurements of $B \rightarrow \pi \pi$ decays. Physical Review D, 2017, 95, . | 4.7 | 37 |
| 87 | Precision measurements of $B \rightarrow \pi \pi$ decays. Physical Review D, 2017, 95, . | 4.7 | 37 |

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|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | Analysis of $D \rightarrow \pi^+ K^0 e^+ \nu_e$ and $D \rightarrow \pi^+ \bar{K}^0 e^+ \nu_e$ semileptonic decays. <i>Physical Review D</i> , 2017, 96, . | 4.7 | 35 |
| 92 | Precision Study of $\Lambda \rightarrow p \pi^0$ Decay Dynamics. <i>Physical Review Letters</i> , 2018, 120, 242003. | 4.1 | 35 |
| 93 | Biomass equations for determining fractions of European aspen growing on abandoned farmland and some practical implications. <i>Biomass and Bioenergy</i> , 1999, 17, 471-480. | 5.7 | 34 |
| 94 | Exclusive measurement of the $\Lambda \rightarrow p \pi^0$ transition form factor. <i>Physical Review Letters</i> , 2018, 120, 242003. | 4.1 | 34 |
| 95 | Measurement of the $\Lambda \rightarrow p \pi^0$ transition form factor. <i>Physical Review Letters</i> , 2018, 120, 242003. | 7.8 | 34 |
| 96 | Measurement of the reaction at 1.695 GeV/c. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 246, 273-277. | 4.1 | 33 |
| 97 | Study of $\Lambda \rightarrow p \pi^0$ transition form factor. <i>Physical Review Letters</i> , 2018, 120, 242003. | 4.1 | 33 |
| 98 | Measurement of the $\Lambda \rightarrow p \pi^0$ transition form factor. <i>Physical Review Letters</i> , 2018, 120, 242003. | 4.7 | 33 |
| 99 | Determination of the Pseudoscalar Decay Constant f_P . <i>Physical Review Letters</i> , 2019, 122, 071802. | 1.5 | 33 |
| 100 | Measurement of the $\Lambda \rightarrow p \pi^0$ transition form factor. <i>Physical Review Letters</i> , 2018, 120, 242003. | 7.8 | 33 |
| 101 | Biomass production of Norway spruce (<i>Picea abies</i> (L.) Karst.) growing on abandoned farmland. <i>Silva Fennica</i> , 1999, 33, . | 1.3 | 33 |
| 102 | Measurement of the $\Lambda \rightarrow p \pi^0$ transition form factor. <i>Physical Review Letters</i> , 2018, 120, 242003. | 4.1 | 31 |
| 103 | Measurement of the $\Lambda \rightarrow p \pi^0$ transition form factor. <i>Physical Review Letters</i> , 2018, 120, 242003. | 4.1 | 31 |
| 104 | Measurement of the matrix elements for the decays $\Lambda \rightarrow p \pi^0$. <i>Physical Review Letters</i> , 2018, 120, 242003. | 4.7 | 31 |
| 105 | Measurement of the absolute branching fraction of $D \rightarrow \pi^+ K^0 e^+ \nu_e$ via $\pi^+ K^0 e^+ \nu_e$. <i>Chinese Physics C</i> , 2016, 40, 113001. | 3.7 | 31 |
| 106 | Feasibility studies of time-like proton electromagnetic form factors at FAIR. <i>European Physical Journal A</i> , 2016, 52, 1. | 2.5 | 31 |
| 107 | Measurement of the $\Lambda \rightarrow p \pi^0$ transition form factor with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 757, 362-367. | 4.1 | 31 |
| 108 | Observation of $\Lambda \rightarrow p \pi^0$ transition form factor with the KLOE detector. <i>Physical Review Letters</i> , 2017, 118, 112001. | 7.8 | 31 |

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|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 109 | Observation of the Semileptonic Decay $\tau^+ \rightarrow \nu_\tau \mu^+ \nu_\mu$. Physical Review Letters, 2012, 108, 081802. | 3.1 | 31 |
| 110 | Abashian-Booth-Crowe resonance structure in the double pionic fusion to ^4He . Physical Review C, 2012, 86, . | 2.9 | 30 |
| 111 | ABC effect and resonance structure in the double-pionic fusion to ^3He . Physical Review C, 2015, 91, . | 2.9 | 30 |
| 112 | Combination of KLOE $J/\psi(e^+e^- \rightarrow \tau^+ \tau^-) \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ measurements and determination of α_s in the energy range 0.10 s 0.95 GeV. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 30 |
| 113 | Study of the process $e^+e^- \rightarrow \tau^+ \tau^- p$. Physical Review D, 2019, 99, . | 4.7 | 30 |
| 114 | Seasonal changes in contents of root starch and soluble carbohydrates in 6-year old <i>Betula pubescens</i> and <i>Populus tremula</i> . Scandinavian Journal of Forest Research, 1993, 8, 94-106. | 1.4 | 29 |
| 115 | Dry matter amounts and increment in 21- to 91-year-old common alder and grey alder and some practical implications. Canadian Journal of Forest Research, 1999, 29, 1679-1690. | 1.7 | 29 |
| 116 | Experimental access to Transition Distribution Amplitudes with the P_{π^0} ANDA experiment at FAIR. European Physical Journal A, 2015, 51, 1. | 2.5 | 29 |
| 117 | Observation of the Decay $\tau^+ \rightarrow \nu_\tau \mu^+ \nu_\mu$. Physical Review Letters, 2004, 69, . | 7.8 | 29 |
| 118 | Study of the $\tau^+ \rightarrow \nu_\tau \mu^+ \nu_\mu$ decay. Physical Review Letters, 2019, 122, 011804. | 7.8 | 29 |
| 119 | Measurement of the $\tau^+ \rightarrow \nu_\tau \mu^+ \nu_\mu$ cross section in complete kinematics. Physical Review C, 2004, 69, . | 2.9 | 28 |
| 120 | Sprouting ability and biomass production of downy and silver birch stumps of different diameters. Biomass and Bioenergy, 2008, 32, 944-951. | 5.7 | 28 |
| 121 | Amplitude Analysis of the Decays $\tau^+ \rightarrow \nu_\tau \mu^+ \nu_\mu$ and $\tau^+ \rightarrow \nu_\tau \mu^+ \nu_\mu$. Physical Review Letters, 2017, 118, 012001. | 2001 | 28 |
| 122 | Technical design report for the $\overline{\text{ANDA}}$ Barrel DIRC detector. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 045001. | 3.6 | 28 |
| 123 | Study of the reaction $p \rightarrow \tau^+ \nu_\tau$ from 1.1 to 2.0 GeV/c. Physical Review D, 1998, 57, 5370-5381. | 4.7 | 27 |
| 124 | Site Index Curves for Common Alder and Grey Alder Growing on Different Types of Forest Soil in Sweden. Scandinavian Journal of Forest Research, 1999, 14, 441-453. | 1.4 | 27 |
| 125 | Exclusive measurements of $\tau^+ \rightarrow \nu_\tau \mu^+ \nu_\mu$. Double-pionic fusion without ABC effect. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 684, 110-113. | 27 | 27 |
| 126 | Precision measurement of the $\tau^+ \rightarrow \nu_\tau \mu^+ \nu_\mu$ Dalitz plot distribution with the KLOE detector. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 27 |

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| 181 | Search for the $\Lambda(1520)$ in the vicinity of the $\Lambda(1520)$ resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 101-107. | 4.1 | 18 |
| 182 | Measurement of $e^+e^- \rightarrow e^+e^- \Lambda(1520)$ cross sections at the $\Upsilon(3770)$ resonance. Chinese Physics C, 2018, 42, 083001. | 4.7 | 18 |
| 183 | Observation of $e^+e^- \rightarrow e^+e^- \Lambda(1520)$ cross sections at the $\Upsilon(3770)$ resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 388-393. | 4.1 | 18 |
| 184 | Measurement of $e^+e^- \rightarrow e^+e^- \Lambda(1520)$ cross sections at the $\Upsilon(3770)$ resonance. Chinese Physics C, 2018, 42, 083001. | 3.7 | 18 |
| 185 | Study of the reaction $p \Lambda(1520) \rightarrow p \Lambda(1520)$ below 6 MeV excess energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 331, 203-210. | 4.7 | 18 |
| 186 | Study of the reaction $p \Lambda(1520) \rightarrow p \Lambda(1520)$ below 6 MeV excess energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 331, 203-210. | 4.1 | 17 |
| 187 | Site index curves for European aspen (<i>Populus tremula</i> L.) growing on forest land of different soils in Sweden.. Silva Fennica, 1996, 30, . | 1.3 | 17 |
| 188 | Irradiance within canopies of young trees of European Aspen (<i>Populus tremula</i>) and European birch (<i>Betula pubescens</i>) in stands of different spacings. Forest Ecology and Management, 1989, 28, 217-236. | 3.2 | 16 |
| 189 | Search for narrow NN-decoupled resonances in the $\Lambda(1520)$ -system an overview. Progress in Particle and Nuclear Physics, 1996, 36, 369-378. | 14.4 | 16 |
| 190 | Upper limits for a narrow dibaryon in pp collisions at 200 and 310 MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 427, 248-253. | 4.1 | 16 |
| 191 | Stem volume equations and basic density for grey alder and common alder in Sweden. Forestry, 2005, 78, 249-262. | 2.3 | 16 |
| 192 | A method to disentangle single- and multi-meson production in missing mass spectra from quasi-free $p \Lambda(1520) \rightarrow p \Lambda(1520)$ reactions. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 629-642. | 3.6 | 16 |
| 193 | Amplitude analysis of the $\Lambda(1520)$ resonance. Measurements of cross section of $e^+e^- \rightarrow e^+e^- \Lambda(1520)$ at the $\Upsilon(3770)$ resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 99, . | 4.7 | 16 |
| 194 | Study of the decay $\Lambda(1520) \rightarrow p \Lambda(1520)$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 99, . | 4.1 | 16 |
| 195 | Search for the $\Lambda(1520)$ in the vicinity of the $\Lambda(1520)$ resonance. Physical Review D, 2013, 88, . | 4.7 | 16 |
| 196 | Subthreshold Production of Low Momentum $K^+ \Lambda(1520)$ at 1.2 GeV. Physical Review Letters, 1998, 80, 4863-4866. | 7.8 | 15 |
| 197 | Measurement of Spin-Transfer Observables in $p \Lambda(1520) \rightarrow p \Lambda(1520)$ at 1.637 GeV/c. Physical Review Letters, 2002, 89, 212302. | 8.2 | 15 |
| 198 | Single- and double-pion production in nucleon collisions on the nucleon and on nuclei: the ABC effect and its origin in a dibaryonic resonance. Progress in Particle and Nuclear Physics, 2008, 61, 276-282. | 14.4 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 199 | Observation of electromagnetic Dalitz decays $J \rightarrow \tilde{\chi}^0 \gamma \rightarrow \tilde{\chi}^0 e^+ e^-$. Physical Review D, 2014, 89, 072001. | 4.7 | 15 |
| 200 | Measurements of the absolute branching fractions for $D_s \rightarrow \tilde{\chi}^0 e^+ e^-$ and $D_s \rightarrow \tilde{\chi}^0 e^+ e^- \gamma$. Physical Review D, 2016, 94, 072001. | 4.9 | 15 |
| 201 | Measurements of the branching fractions for the semileptonic decays $D \rightarrow \tilde{\chi}^0 e^+ e^-$ and $D \rightarrow \tilde{\chi}^0 e^+ e^- \gamma$. Physical Review D, 2018, 97, 072001. | 4.7 | 15 |
| 202 | Isotensor Dibaryon in the $p \rightarrow p \tilde{\chi}^0$ Reaction?. Physical Review Letters, 2018, 121, 052001. | 7.8 | 15 |
| 203 | Medium-energy proton scattering from ^{58}Ni : Experimental results and coupled-channel calculations. Nuclear Physics A, 1979, 322, 285-307. | 1.5 | 14 |
| 204 | Neutron yields and angular distributions produced in antiproton annihilation at rest in uranium. Physical Review C, 1992, 45, 2332-2337. | 2.9 | 14 |
| 205 | Observation of the isospin-violating decay $J \rightarrow \tilde{\chi}^0 \gamma \rightarrow \tilde{\chi}^0 e^+ e^-$. Physical Review D, 2014, 89, 072001. | 4.7 | 15 |

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|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 217 | Measurement of the $B^0 \rightarrow \pi^+ \pi^-$ Dalitz plot distribution. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 418-425. | 4.1 | 13 |
| 218 | Observation of $B^0 \rightarrow \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 418-425. | 7.8 | 13 |
| 219 | Search for the rare decays $B^0 \rightarrow \pi^+ \pi^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 418-425. | 4.7 | 13 |
| 220 | Search for the rare decays $B^0 \rightarrow \pi^+ \pi^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 418-425. | | |

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|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 235 | Changes in stem taper for birch plants growing in tree shelters. <i>New Forests</i> , 2004, 27, 13-24. | 1.7 | 11 |
| 236 | Biomass equations for hybrid larch growing on farmland. <i>Biomass and Bioenergy</i> , 2013, 49, 152-159. | 5.7 | 11 |
| 237 | Total Stem and Merchantable Volume Equations of Norway Spruce (<i>Picea abies</i> (L.) Karst.) Growing on Former Farmland in Sweden. <i>Forests</i> , 2014, 5, 2037-2049. | 2.1 | 11 |
| 238 | Study of $e^+e^- \rightarrow \mu^+\mu^-$ in the vicinity of the $J/\psi(3770)$. <i>Physical Review D</i> , 2014, 90, . | 4.7 | 11 |
| 239 | Search for $e^+e^- \rightarrow \mu^+\mu^-$ in the vicinity of the $J/\psi(3770)$. <i>Physical Review D</i> , 2014, 90, . | 4.7 | 11 |
| 240 | Search for $e^+e^- \rightarrow \mu^+\mu^-$ in the vicinity of the $J/\psi(3770)$. <i>Physical Review D</i> , 2014, 90, . | 4.7 | 11 |
| 241 | of X . <i>Physical Review D</i> , 2014, 90, . | 4.1 | 11 |
| 242 | Measurement of integrated luminosity and center-of-mass energy of data taken by BESIII at. <i>Chinese Physics C</i> , 2017, 41, 113001. | 3.7 | 11 |
| 243 | Amplitude analysis of $D \rightarrow \mu^+\mu^-$. <i>Physical Review D</i> , 2017, 95, . | 4.7 | 11 |
| 244 | Observation of the doubly radiative decay $\hat{1} \rightarrow \mu^+\mu^- \gamma \gamma$. <i>Physical Review D</i> , 2017, 96, . | 4.7 | 11 |
| 245 | Measurement of the absolute branching fraction of $D_s^0 \rightarrow \mu^+\mu^-$. <i>Physical Review D</i> , 2018, 97, . | 4.7 | 11 |
| 246 | Search for invisible decays of $D_s^0 \rightarrow \mu^+\mu^-$ and $D_s^0 \rightarrow \mu^+\mu^- \gamma$. <i>Physical Review D</i> , 2018, 98, . | 4.7 | 11 |
| 247 | Study of the decays $D \rightarrow \mu^+\mu^-$ and $D \rightarrow \mu^+\mu^- \gamma$. <i>Physical Review D</i> , 2018, 97, . | 4.7 | 11 |
| 248 | Effects of rotation period on biomass production and atmospheric CO2 emissions from broadleaved stands growing on abandoned farmland. <i>Silva Fennica</i> , 2006, 40, . | 1.3 | 11 |
| 249 | A site dependent top height growth model for hybrid aspen. <i>Journal of Forestry Research</i> , 2013, 24, 691-698. | 3.6 | 10 |
| 250 | Evidence for $e^+e^- \rightarrow \mu^+\mu^-$ at center-of-mass energies from 4.009 to 4.360 GeV. <i>Chinese Physics C</i> , 2015, 39, 041001. | 3.7 | 10 |
| 251 | Search for a light Higgs boson in radiative decays of $D_s^0 \rightarrow \mu^+\mu^- \gamma$. <i>Physical Review D</i> , 2016, 93, . | 4.7 | 10 |
| 252 | Measurement of higher-order multipole amplitudes in $J/\psi(3686) \rightarrow \mu^+\mu^- \gamma \gamma$ and search for the transition $J/\psi(3686) \rightarrow \mu^+\mu^- \gamma \gamma$. <i>Physical Review D</i> , 2017, 95, . | 4.7 | 10 |

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