

Naohito Saito

List of Publications by Year in descending order

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182
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Developments of a Pulse Kicker System for the Three-Dimensional Spiral Beam Injection of the J-PARC Muon $g-2/EDM$ Experiment. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-4. | 1.1 | 3 |
| 2 | Development of negative muonium ion source for muon acceleration. Physical Review Accelerators and Beams, 2021, 24, . | 0.6 | 1 |
| 3 | Positron Tracking Detector for Muon $g-2/EDM$ Experiment at J-PARC. , 2021, , . | | 1 |
| 4 | Error Studies for Muon Linac in the Muon $g-2/EDM$ Experiment at J-PARC. , 2021, , . | | 0 |
| 5 | Development of microwave cavities for measurement of muonium hyperfine structure at J-PARC. Progress of Theoretical and Experimental Physics, 2021, 2021, . | 1.8 | 5 |
| 6 | Positron tracking detector for J-PARC muon $g-2/EDM$ experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162786. | 0.7 | 2 |
| 7 | Study of muonium emission from laser-ablated silica aerogel. Progress of Theoretical and Experimental Physics, 2020, 2020, . | 1.8 | 7 |
| 8 | Development of a bunch-width monitor for low-intensity muon beam below a few MeV. Physical Review Accelerators and Beams, 2020, 23, . | 0.6 | 2 |
| 9 | Response of microchannel plates to positrons from muon-decays. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 943, 162475. | 0.7 | 3 |
| 10 | Beam commissioning of muon beamline using negative hydrogen ions generated by ultraviolet light. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 937, 164-167. | 0.7 | 3 |
| 11 | New precise measurements of muonium hyperfine structure at J-PARC MUSE. EPJ Web of Conferences, 2019, 198, 00003. | 0.1 | 12 |
| 12 | Compact buncher cavity for muons accelerated by a radio-frequency quadrupole. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 946, 162693. | 0.7 | 5 |
| 13 | A new approach for measuring the muon anomalous magnetic moment and electric dipole moment. Progress of Theoretical and Experimental Physics, 2019, 2019, . | 1.8 | 112 |
| 14 | Development of Inter-Digital H-Mode Drift-Tube Linac Prototype With Alternative Phase Focusing for a Muon Linac in the J-PARC Muon $G-2/EDM$ Experiment. Journal of Physics: Conference Series, 2019, 1350, 012054. | 0.3 | 6 |
| 15 | Negative Muonium Ion Production With a C12A7 Electride Film. Journal of Physics: Conference Series, 2019, 1350, 012067. | 0.3 | 3 |
| 16 | Disk and Washer Coupled Cavity Linac Design and Cold-Model for Muon Linac. Journal of Physics: Conference Series, 2019, 1350, 012097. | 0.3 | 4 |
| 17 | Magnetic design and method of a superconducting magnet for muon $g-2/EDM$ precise measurements in a cylindrical volume with homogeneous magnetic field. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 890, 51-63. | 0.7 | 19 |
| 18 | High precision measurement of muonium hyperfine structure. Journal of Physics: Conference Series, 2018, 1138, 012008. | 0.3 | 1 |

| # | ARTICLE | IF | CITATIONS |
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| 19 | New concept for a large-acceptance general-purpose muon beamline. Progress of Theoretical and Experimental Physics, 2018, 2018, . | 1.8 | 19 |
| 20 | Muon Profile Measurement After Acceleration With a Radio-Frequency Quadrupole linac. Journal of Physics: Conference Series, 2018, 1067, 052012. | 0.3 | 2 |
| 21 | First muon acceleration using a radio-frequency accelerator. Physical Review Accelerators and Beams, 2018, 21, . | 0.6 | 21 |
| 22 | New precise measurement of muonium hyperfine structure interval at J-PARC. Hyperfine Interactions, 2017, 238, 1. | 0.2 | 3 |
| 23 | First trial of the muon acceleration for J-PARC muon g-2/EDM experiment. Journal of Physics: Conference Series, 2017, 874, 012055. | 0.3 | 9 |
| 24 | Performance of Front-end ASIC and its evaluation with Silicon Strip Sensor for J-PARC Muon g-2/EDM Experiment. , 2017, , . | | 3 |
| 25 | New muonium HFS measurements at J-PARC/MUSE. Hyperfine Interactions, 2016, 237, 1. | 0.2 | 7 |
| 26 | Three-dimensional spiral injection scheme for the g ² /EDM experiment at J-PARC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 832, 51-62. | 0.7 | 40 |
| 27 | Study of Magnetic Field Measurement System for g-2/EDM Experiment at J-PARC. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4. | 1.1 | 4 |
| 28 | Interdigital<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>H</mml:mi></math>-mode drift-tube linac design with alternative phase focusing for muon linac. Physical Review Accelerators and Beams, 2016, 19, . | 0.6 | 32 |
| 29 | Enhancement of muonium emission rate from silica aerogel with a laser-ablated surface. Progress of Theoretical and Experimental Physics, 2014, 2014, 91C01-0. | 1.8 | 39 |
| 30 | High-resolution search for the<math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mi>H</mml:mi>⁺</mml:msup></math> via a pion-induced reaction at J-PARC. Physical Review C, 2014, 90, . | 1.1 | 15 |
| 31 | New^{1/4}SR spectrometer at J-PARC MUSE based on^{1/4}Kalliope</sup> detectors. Journal of Physics: Conference Series, 2014, 551, 012063. | 0.3 | 35 |
| 32 | Ultra Slow Muon Microscope at MUSE / J-PARC. Journal of Physics: Conference Series, 2014, 502, 012042. | 0.3 | 7 |
| 33 | H line; a beam line for fundamental physics study. Journal of Physics: Conference Series, 2014, 551, 012062. | 0.3 | 5 |
| 34 | Optimal crossed overlap of coherent vacuum ultraviolet radiation and thermal muonium emission for^{1/4}SR with the Ultra Slow Muon. Journal of Physics: Conference Series, 2014, 551, 012066. | 0.3 | 3 |
| 35 | H Line; A Beamline for Fundamental Physics in J-PARC. , 2014, , . | | 0 |
| 36 | Search for Pentaquark $\hat{\pi}^+$ in Hadronic Reaction at J-PARC. Few-Body Systems, 2013, 54, 955-960. | 0.7 | 2 |

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| 37 | Cryogenic Design of a Superconducting Solenoid for Muonium Hyperfine Structure Measurement. IEEE Transactions on Applied Superconductivity, 2013, 23, 3800204-3800204. Search for the <math>\langle \text{math:math} \text{> \text{alt}=\text{ "si1.gif" overflow=\text{ "scroll"}} <td>1.1</td> <td>2</td> | 1.1 | 2 |
| 38 | xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x | 0.6 | 3 |
| 39 | Superconducting Magnet Design for the Hyperfine Structure Measurement of Muonium at the J-PARC. IEEE Transactions on Applied Superconductivity, 2013, 23, 4500704-4500704. | 1.1 | 3 |
| 40 | Trigger electronics upgrade of PHENIX muon tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 703, 114-132. | 0.7 | 9 |
| 41 | Ultra slow muon microscopy by laser resonant ionization at J-PARC, MUSE. Hyperfine Interactions, 2013, 216, 79-83. | 0.2 | 22 |
| 42 | Measurement of muonium emission from silica aerogel. Progress of Theoretical and Experimental Physics, 2013, 2013, 103C01-103C01. | 1.8 | 18 |
| 43 | Fast readout ASIC for si-strip detector in the J-PARC muon g-2/EDM experiment and other related applications. , 2013, , . | | 0 |
| 44 | J-PARC MUSE H-line optimization for the g-2 and MuHFS experiments. Journal of Physics: Conference Series, 2013, 408, 012073. | 0.3 | 3 |
| 45 | The H line: a brand new beam line for fundamental physics at the J-PARC muon facility. Journal of Physics: Conference Series, 2013, 408, 012072. | 0.3 | 0 |
| 46 | Development status of superconducting solenoid for the MuHFS experiment at the J-PARC. Journal of Physics: Conference Series, 2013, 408, 012074. | 0.3 | 6 |
| 47 | Search for the $\tilde{\tau}^+$ -Pentaquark via the $\tilde{e}^+ \tilde{p} \tilde{K}^+$ X Reaction at $1.92 \hat{a} \hat{e} \% \hat{a} \hat{e} \% \text{ GeV}/c$. Physical Review Letters, 2012, 109, 132002. | 2.9 | 33 |
| 48 | Conceptual design of a radial vane silicon tracker for a new measurement of the muon anomalous magnetic moment g-2 and electric dipole moment at J-PARC. , 2012, , . | | 1 |
| 49 | Development of a Superconducting Solenoid for Hyperfine Structure Measurement of Muonium at the J-PARC. IEEE Transactions on Applied Superconductivity, 2012, 22, 4500904-4500904. | 1.1 | 2 |
| 50 | A novel precision measurement of muon g - 2 and EDM at J-PARC. AIP Conference Proceedings, 2012, , . | 0.3 | 31 |
| 51 | Study on Field Measurement and Ground Vibration for Superconducting Solenoid of New g-2 Experiment at J-PARC. IEEE Transactions on Applied Superconductivity, 2011, 21, 1748-1751. | 1.1 | 8 |
| 52 | Specification and design of a radial vane silicon tracker for a new measurement of the muon anomalous magnetic moment g-2 and electric dipole moment at J-PARC. , 2011, , . | | 2 |
| 53 | Probing ???? Potential. Journal of the Korean Physical Society, 2011, 59, 1003-1006. | 0.3 | 0 |
| 54 | EXTRACTION OF $\hat{\nu}$ SCATTERING LENGTH. International Journal of Modern Physics E, 2010, 19, 2448-2453. | 0.4 | 0 |

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| 55 | Fundamental Physics at Hadron Experimental Hall. Nuclear Physics News, 2009, 19, 22-25. | 0.1 | 0 |
| 56 | Measurements of single and double spin asymmetry in p elastic scattering in the CNI region with a polarized atomic hydrogen gas jet target. Physical Review D, 2009, 79, . | 1.6 | 28 |
| 57 | SEARCH FOR $\hat{\tau}^+$ PENTAQUARK IN THE $p(\bar{t}c, K^-)X$ REACTION AT J-PARC. , 2009, , . | | 0 |
| 58 | EXTRACTION OF $\hat{\tau}^+$ SCATTERING LENGTH. , 2009, , . | | 0 |
| 59 | Absolute polarimetry at RHIC. AIP Conference Proceedings, 2008, , . | 0.3 | 5 |
| 60 | Search for the $\hat{\tau}^+$ via the $K^+p\hat{\tau}^+X$ reaction with a 1.2 GeV/c K^+ beam. Physical Review C, 2008, 77, . | 1.1 | 22 |
| 61 | Photo-production of $\hat{\tau}^+$ in $K^+p\hat{\tau}^+X$ reaction with a 1.2 GeV/c K^+ beam. Physical Review C, 2008, 77, . | 1.1 | 22 |
| 62 | Centrality dependence of charged hadron production in deuteron+gold and nucleon+gold collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2008, 77, . | 1.1 | 22 |
| 63 | Production of $\hat{\tau}^+$ mesons at large transverse momenta in p + p and p + Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 75, . | 1.1 | 26 |
| 64 | Measurement of density correlations in pseudorapidity via charged particle multiplicity fluctuations in $Au+Au$ collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 76, . | 1.1 | 26 |
| 65 | Search for the H -dibaryon resonance in $C^{12}(K^+, K^+\hat{\tau}^+X)$. Physical Review C, 2007, 75, . | 1.1 | 78 |
| 66 | Detailed study of high- p_T pion suppression and azimuthal anisotropy in $Au+Au$ collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 012002. | 1.1 | 87 |
| 67 | Measurement of Direct Photon Production in p + p Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 012002. | 2.9 | 123 |
| 68 | Centrality Dependence of $\hat{\tau}^+$ Production at Large Transverse Momentum in $\sqrt{s_{NN}}=200$ GeV p + Au Collisions. Physical Review Letters, 2007, 98, . | 2.9 | 140 |
| 69 | Evidence for a Long-Range Component in the Pion Emission Source in $Au+Au$ Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 132301. | 2.9 | 36 |
| 70 | Measurements of Single and Double Spin Asymmetry in pp Elastic Scattering in the CNI Region with Polarized Hydrogen Gas Jet Target. AIP Conference Proceedings, 2007, , . | 0.3 | 0 |
| 71 | Constraint on $\hat{\tau}^+$ $g(x)$ from $\hat{\tau}^+$ production at RHIC. AIP Conference Proceedings, 2007, , . | 0.3 | 1 |
| 72 | Measurement of $\hat{\tau}^+$'s with Neutrino-Nucleon Elastic Scattering at J-PARC. AIP Conference Proceedings, 2007, , . | 0.3 | 1 |

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| 73 | Status and Operational Experience with the Polarized Hydrogen Jet at RHIC. AIP Conference Proceedings, 2007, , . | 0.3 | 4 |
| 74 | Absolute measurement of the polarization of high energy proton beams at RHIC. , 2007, , . | | 0 |
| 75 | Measurement of single muons at forward rapidity in $\sqrt{s}=200$ GeV Au+Au collisions at $\sqrt{s}=200$ GeV Au+Au collisions Single transverse-spin asymmetry in very forward and very backward neutral particle production for polarized proton collisions at $\sqrt{s}=200$ GeV Au+Au collisions | 1.6 | 31 |
| 76 | Physics Letters, Section B: Nuclear, Elementary Particle Physics CONSTRAINT ON $\hat{\sigma}^{\uparrow}(x)$ AT LARGE x . , 2007, , . | 1.5 | 29 |
| 77 | CONSTRAINT ON $\hat{\sigma}^{\uparrow}(x)$ AT LARGE x . , 2007, , . | | 0 |
| 78 | Search for $\hat{\sigma}^{\uparrow}$ via $K+p \hat{\sigma}^{\uparrow} \rightarrow X$ reaction with high-resolution spectrometer system. , 2007, , 361-364. | | 0 |
| 79 | Jet properties from dihadron correlations in $\sqrt{s}=200$ GeV Au+Au collisions. Physical Review D, 2006, 74, . | 1.6 | 78 |
| 80 | Determination of polarized parton distribution functions with recent data on polarization asymmetries. Physical Review D, 2006, 74, . | 1.6 | 55 |
| 81 | Measurement of Identified and Inclusive Photon Second-Harmonic Parameter and Implications for Direct Photon Production in $\sqrt{s}=200$ GeV Au+Au Collisions. Physical Review Letters, 2006, 96, 032302. | 2.9 | 48 |
| 82 | Measurement of the analyzing power in $\sqrt{s}=200$ GeV Au+Au collisions Measurement of the analyzing power in $\sqrt{s}=200$ GeV Au+Au collisions | 1.5 | 58 |
| 83 | Measurement of the analyzing power in $\sqrt{s}=200$ GeV Au+Au collisions Measurement of the analyzing power in $\sqrt{s}=200$ GeV Au+Au collisions | 1.5 | 38 |
| 84 | Measurement of the analyzing power in $\sqrt{s}=200$ GeV Au+Au collisions Measurement of the analyzing power in $\sqrt{s}=200$ GeV Au+Au collisions | 1.5 | 52 |
| 85 | Global analysis of AAC for determining polarized parton distribution functions. AIP Conference Proceedings, 2006, , . | 0.3 | 0 |
| 86 | Nucleon Structure : the Spin Content. AIP Conference Proceedings, 2006, , . | 0.3 | 0 |
| 87 | Jet structure from dihadron correlations in $\sqrt{s}=200$ GeV Au+Au collisions. Physical Review C, 2006, 73, . | 1.1 | 53 |
| 88 | Dense-Medium Modifications to Jet-Induced Hadron Pair Distributions in Au+Au Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2006, 97, 052301. | 2.9 | 264 |
| 89 | J/ψ Production and Nuclear Effects for $d+Au$ and $p+p$ Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2006, 96, 012304. | 2.9 | 121 |
| 90 | Common Suppression Pattern of ϕ and Ω Mesons at High Transverse Momentum in Au+Au Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2006, 96, 023301. | 2.9 | 117 |

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| 91 | Single Electrons from Heavy-Flavor Decays in $p+p$ Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2006, 96, 032001. | 2.9 | 46 |
| 92 | Nuclear Modification of Electron Spectra and Implications for Heavy Quark Energy Loss in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 96, 032301. | 2.9 | 264 |
| 93 | Azimuthal Angle Correlations for Rapidity Separated Hadron Pairs in d+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 96, 222301. | 2.9 | 28 |
| 94 | Nuclear effects on hadron production in d+Au collisions at $\sqrt{s_{NN}}=200$ GeV revealed by comparison with p+p data. Physical Review C, 2006, 74, . | 1.1 | 90 |
| 95 | Spin Dependence in Polarized and Elastic Scattering at Very Low Momentum Transfer t at RHIC. Nuclear Physics, Section B, Proceedings Supplements, 2005, 146, 77-81. | 0.5 | 2 |
| 96 | Measurement of single electron event anisotropy in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 72, . | 1.1 | 60 |
| 97 | Systematic studies of the centrality and $\sqrt{s_{NN}}$ dependence of the $dE_T/d\eta$ and $N_{ch}/d\eta$ in heavy ion collisions at midrapidity. Physical Review C, 2005, 71, . | 1.1 | 214 |
| 98 | Measurement of Transverse Single-Spin Asymmetries for Midrapidity Production of Neutral Pions and Charged Hadrons in Polarized $p+p$ Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2005, 95, 202001. | 2.9 | 144 |
| 99 | Centrality Dependence of Charm Production from a Measurement of Single Electrons in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 94, 082301. | 2.9 | 126 |
| 100 | Centrality Dependence of Direct Photon Production in $\sqrt{s_{NN}}=200$ GeV Au+Au Collisions. Physical Review Letters, 2005, 94, 232301. | 2.9 | 219 |
| 101 | Production of η -mesons at midrapidity in $\sqrt{s_{NN}}=200$ GeV Au+Au collisions at relativistic energies. Physical Review C, 2005, 72, . | 1.1 | 95 |
| 102 | Publisher's Note: Systematic studies of the centrality and $\sqrt{s_{NN}}$ dependence of the $dE_T/d\eta$ and $N_{ch}/d\eta$ in heavy ion collisions at midrapidity [Phys. Rev. C71, 034908 (2005)]. Physical Review C, 2005, 71, . | 1.1 | 72 |
| 103 | Deuteron and Antideuteron Production in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 94, 122302. | 2.9 | 69 |
| 104 | Nuclear Modification Factors for Hadrons at Forward and Backward Rapidities in Deuteron-Gold Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 94, 082302. | 2.9 | 73 |
| 105 | FIRST RESULTS FROM RHIC SPIN PROGRAM AND FUTURE PROSPECTS. International Journal of Modern Physics A, 2005, 20, 4425-4435. | 0.5 | 0 |
| 106 | Midrapidity direct-photon production in $p+p$ collisions at $\sqrt{s}=200$ GeV. Physical Review D, 2005, 71, . | 1.6 | 37 |
| 107 | FIRST RESULTS FROM RHIC SPIN PROGRAM AND FUTURE PROSPECTS. , 2005, , . | | 0 |
| 108 | J/ψ production in Au-Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2004, 69, . | 1.1 | 60 |

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| 109 | Identified charged particle spectra and yields in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2004, 69, . | 1.1 | 665 |
| 110 | J/ψ Production from Proton-Proton Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2004, 92, 051802. | 2.9 | 63 |
| 111 | Determination of polarized parton distribution functions and their uncertainties. Physical Review D, 2004, 69, . | 1.6 | 95 |
| 112 | Measurement of Nonrandom Event-by-Event Fluctuations of Average Transverse Momentum in $\sqrt{s_{NN}}=200$ GeV Au+Au and p+p Collisions. Physical Review Letters, 2004, 93, 092301. | 2.9 | 80 |
| 113 | Bose-Einstein Correlations of Charged Pion Pairs in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 93, 152302. | 2.9 | 158 |
| 114 | High- p_T charged hadron suppression in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2004, 69, . | 1.1 | 233 |
| 115 | Double Helicity Asymmetry in Inclusive Midrapidity π^0 Production for Polarized p+p Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2004, 93, 202002. | 2.9 | 52 |
| 116 | Development of a novel silicon stripixel detector for RHIC-PHENIX detector upgrade. IEEE Transactions on Nuclear Science, 2004, 51, 2337-2340. | 1.2 | 11 |
| 117 | Single identified hadron spectra from $\sqrt{s_{NN}}=130$ GeV Au+Au collisions. Physical Review C, 2004, 69, . | 1.1 | 154 |
| 118 | Novel silicon stripixel detector for PHENIX Upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 518, 300-304. | 0.7 | 10 |
| 119 | Development of 2nd prototype of novel silicon Stripixel detector for PHENIX upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 535, 404-409. | 0.7 | 1 |
| 120 | Heavy ion collisions at collider energies – Insights from PHENIX. Pramana - Journal of Physics, 2003, 60, 639-650. | 0.9 | 3 |
| 121 | Polarized proton collider at RHIC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 499, 392-414. | 0.7 | 64 |
| 122 | PHENIX magnet system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 499, 480-488. | 0.7 | 23 |
| 123 | PHENIX Muon Arms. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 499, 537-548. | 0.7 | 53 |
| 124 | Centrality dependence of the high p_T charged hadron suppression in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 82-92. | 1.5 | 75 |
| 125 | Suppressed π^0 Production at Large Transverse Momentum in Central Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2003, 91, 072301. | 2.9 | 514 |
| 126 | Scaling Properties of Proton and Antiproton Production in $\sqrt{s_{NN}}=200$ GeV Au+Au Collisions. Physical Review Letters, 2003, 91, 172301. | 2.9 | 209 |

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|-----|--|-----|-----------|
| 127 | Absence of Suppression in Particle Production at Large Transverse Momentum in $\sqrt{s_{NN}}=200$ GeV $d+Au$ Collisions. <i>Physical Review Letters</i> , 2003, 91, 072303. | 2.9 | 366 |
| 128 | Midrapidity Neutral-Pion Production in Proton-Proton Collisions at $\sqrt{s}=200$ GeV. <i>Physical Review Letters</i> , 2003, 91, 241803. | 2.9 | 249 |
| 129 | Elliptic Flow of Identified Hadrons in $Au+Au$ Collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2003, 91, 182301. | 2.9 | 627 |
| 130 | UNCERTAINTY OF POLARIZED PARTON DISTRIBUTIONS. <i>International Journal of Modern Physics A</i> , 2003, 18, 1203-1210. | 0.5 | 1 |
| 131 | RHIC pC CNI Polarimeter: Status and Performance from the First Collider Run. <i>AIP Conference Proceedings</i> , 2003, , . | 0.3 | 7 |
| 132 | Measurement of analyzing powers of \bar{K}^+ and \bar{K}^0 produced on a hydrogen and a carbon target with a 22 GeV/c incident polarized proton beam. <i>Physical Review D</i> , 2002, 65, . | 1.6 | 67 |
| 133 | Centrality Dependence of \bar{K}^+ , K^+ , p , and \bar{p} Production from $\sqrt{s_{NN}}=130$ GeV $Au + Au$ Collisions at RHIC. <i>Physical Review Letters</i> , 2002, 88, 242301. | 2.9 | 244 |
| 134 | Net Charge Fluctuations in $Au+Au$ Interactions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review Letters</i> , 2002, 89, 082301. | 2.9 | 66 |
| 135 | Event-by-event fluctuations in mean p_T and mean η in $\sqrt{s_{NN}}=130$ GeV $Au+Au$ collisions. <i>Physical Review C</i> , 2002, 66, . | 1.1 | 79 |
| 136 | Flow Measurements via Two-Particle Azimuthal Correlations in $Au+Au$ Collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review Letters</i> , 2002, 89, 212301. | 2.9 | 163 |
| 137 | Measurement of Single Electrons and Implications for Charm Production in $Au+Au$ Collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review Letters</i> , 2002, 88, 192303. | 2.9 | 143 |
| 138 | Measurement of Analyzing Power for Proton-Carbon Elastic Scattering in the Coulomb-Nuclear Interference Region with a 22 GeV/c Polarized Proton Beam. <i>Physical Review Letters</i> , 2002, 89, 052302. | 2.9 | 36 |
| 139 | Transverse-Mass Dependence of Two-Pion Correlations in $Au+Au$ Collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review Letters</i> , 2002, 88, 192302. | 2.9 | 136 |
| 140 | Measurement of \bar{b} and \bar{c} Particles in $Au+Au$ Collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review Letters</i> , 2002, 89, 092302. | 2.9 | 112 |
| 141 | Spin physics program at RHIC: The first polarized-proton collider. <i>Nuclear Physics A</i> , 2002, 698, 275-286. | 0.6 | 1 |
| 142 | Spin physics program at RHIC: the first polarized-proton collider. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002, 105, 47-51. | 0.5 | 1 |
| 143 | Suppression of Hadrons with Large Transverse Momentum in Central $Au+Au$ Collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review Letters</i> , 2001, 88, 022301. | 2.9 | 735 |
| 144 | First results from RHIC-PHENIX. <i>Pramana - Journal of Physics</i> , 2001, 57, 355-369. | 0.9 | 1 |

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| 145 | Measurement of the Midrapidity Transverse Energy Distribution from $\sqrt{s_{NN}}=130$ GeV Au+Au Collisions at RHIC. Physical Review Letters, 2001, 87, 052301. | 2.9 | 134 |
| 146 | Centrality Dependence of Charged Particle Multiplicity in Au-Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2001, 86, 3500-3505. | 2.9 | 238 |
| 147 | Prospects for Spin Physics at RHIC. Annual Review of Nuclear and Particle Science, 2000, 50, 525-575. | 3.5 | 236 |
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