

Adalberto Sciubba

List of Publications by Year in descending order

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Version: 2024-02-01

292
papers

10,704
citations

31949

53
h-index

45285

90
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295
all docs

295
docs citations

295
times ranked

9033
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Search for long-lived particles decaying to $e^\pm \mu^\pm$. European Physical Journal C, 2021, 81, 1. | 1.4 | 9 |
| 2 | PAPRICA: The Pair Production Imaging Chamber—Proof of Principle. Frontiers in Physics, 2021, 9, . | 1.0 | 0 |
| 3 | Search for heavy neutral leptons in $W \rightarrow \mu^+ \mu^-$, ext $\{jet\}$ decays. European Physical Journal C, 2021, 81, 1. | 1.4 | 15 |
| 4 | Search for the rare decay $B \rightarrow \mu^+ \mu^-$. Chinese Physics C, 2021, 45, 043001. | 1.5 | 2 |
| 5 | Measurement of the branching fraction of the $B^0 \rightarrow D^+ \pi^-$ decay. European Physical Journal C, 2021, 81, 1. | 1.4 | 6 |
| 6 | Monitoring Carbon Ion Beams Transverse Position Detecting Charged Secondary Fragments: Results From Patient Treatment Performed at CNAO. Frontiers in Oncology, 2021, 11, 601784. | 1.3 | 9 |
| 7 | Charge identification of nuclear fragments with the FOOT Time-Of-Flight system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1001, 165206. | 0.7 | 4 |
| 8 | First measurement of the CP-violating phase in $B^0 \rightarrow J/\psi$. arXiv:2104.01412 | 1.4 | 2 |
| 9 | Inter-fractional monitoring of ^{12}C ions treatments: results from a clinical trial at the CNAO facility. Scientific Reports, 2020, 10, 20735. | 1.6 | 13 |
| 10 | Search for the doubly heavy Ξ_{bc}^0 baryon via decays to $D^0 p K^+$. Journal of High Energy Physics, 2020, 2020, 1. | 1.6 | 13 |
| 11 | Measurement of the $\eta_c(1S)$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1. | 1.4 | 17 |
| 12 | Search for CP violation in $\chi_{c1}^+ \rightarrow p \bar{K}^0 \pi^+$ decays using model-independent techniques. European Physical Journal C, 2020, 80, 1. | 1.4 | 14 |
| 13 | Measurement of the branching fraction and CP asymmetry in $B^+ \rightarrow J/\psi \rho^+$ decays. European Physical Journal C, 2019, 79, 1. | 1.4 | 3 |
| 14 | Secondary radiation measurements for particle therapy applications: Charged secondaries produced by ^{16}O ion beams in a PMMA target at large angles. Physica Medica, 2019, 64, 45-53. | 0.4 | 4 |
| 15 | Updated measurement of time-dependent CP-violating observables in $B^0 \rightarrow J/\psi K^+ K^-$ decays. European Physical Journal C, 2019, 79, 1. | 1.4 | 20 |
| 16 | Search for the rare decay $B^+ \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$. European Physical Journal C, 2019, 79, 1. | 1.4 | 11 |
| 17 | Review and performance of the Dose Profiler, a particle therapy treatments online monitor. Physica Medica, 2019, 65, 84-93. | 0.4 | 19 |
| 18 | Long-term operation of the multi-wire-proportional-chambers of the LHCb muon system. Journal of Instrumentation, 2019, 14, P11031-P11031. | 0.5 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Development and characterization of a ^{18}F -TOF detector prototype for the FOOT experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 916, 116-124. | 0.7 | 8 |
| 20 | Secondary radiation measurements for particle therapy applications: charged particles produced by ^4He and ^{12}C ion beams in a PMMA target at large angle. Physics in Medicine and Biology, 2018, 63, 055018. | 1.6 | 16 |
| 21 | Search for the lepton-flavour violating decays $B_0(s) \rightarrow \tau^+ \tau^- e^{\pm} \mu^{\pm}$. Journal of High Energy Physics, 2018, 2018, 1. | 2.1 | 21 |
| 22 | MONDO: A tracker for the characterization of secondary fast and ultrafast neutrons emitted in particle therapy. Journal of Physics: Conference Series, 2018, 956, 012013. | 0.3 | 0 |
| 23 | The MONDO project: A secondary neutron tracker detector for particle therapy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 556-559. | 0.7 | 10 |
| 24 | Design of a tracking device for on-line dose monitoring in hadrontherapy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 679-683. | 0.7 | 8 |
| 25 | Design of a new tracking device for on-line beam range monitor in carbon therapy. Physica Medica, 2017, 34, 18-27. | 0.4 | 25 |
| 26 | Secondary radiation measurements for particle therapy applications: prompt photons produced by ^4He , ^{12}C and ^{16}O ion beams in a PMMA target. Physics in Medicine and Biology, 2017, 62, 1438-1455. | 1.6 | 30 |
| 27 | Benchmarking Geant4 hadronic models for prompt π^0 monitoring in carbon ion therapy. Medical Physics, 2017, 44, 4276-4286. | 1.6 | 10 |
| 28 | Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224. | 1.4 | 54 |
| 29 | MONDO: a neutron tracker for particle therapy secondary emission characterisation. Physics in Medicine and Biology, 2017, 62, 3299-3312. | 1.6 | 25 |
| 30 | Study of charmonium production in $b\bar{b}$ -hadron decays and first evidence for the decay $\chi_{c0} \rightarrow \phi \phi \phi$. European Physical Journal C, 2017, 77, 609. | 1.4 | 17 |
| 31 | Improved limit on the branching fraction of the rare decay $\chi_{c0} \rightarrow \mu^+ \mu^- K_S^0 \pi^+ \pi^-$. European Physical Journal C, 2017, 77, 678. | 1.4 | 17 |
| 32 | Measurement of the J/ψ pair production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1. | 1.6 | 34 |
| 33 | New algorithms for identifying the flavour of B^0 mesons using pions and protons. European Physical Journal C, 2017, 77, 238. | 1.4 | 11 |
| 34 | Study of $b\bar{b}$ correlations in high energy proton-proton collisions. Journal of High Energy Physics, 2017, 2017, 1. | 1.6 | 10 |
| 35 | Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812. | 1.4 | 41 |
| 36 | Measurement of the $Y(nS)$ polarizations in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1. | 1.6 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Addendum: Measurement of charged particle yields from PMMA irradiated by a 220 MeV/u ^{12}C beam. <i>Physics in Medicine and Biology</i> , 2017, 62, 8483-8494. | 1.6 | 5 |
| 38 | Measurement of secondary particle production induced by particle therapy ion beams impinging on a PMMA target. <i>EPJ Web of Conferences</i> , 2016, 117, 05007. | 0.1 | 3 |
| 39 | Monitoring of Hadrontherapy Treatments by Means of Charged Particle Detection. <i>Frontiers in Oncology</i> , 2016, 6, 177. | 1.3 | 23 |
| 40 | Measurement of the front-end dead-time of the LHCb muon detector and evaluation of its contribution to the muon detection inefficiency. <i>Journal of Instrumentation</i> , 2016, 11, P04010-P04010. | 0.5 | 2 |
| 41 | A precise measurement of the B^0 meson oscillation frequency. <i>European Physical Journal C</i> , 2016, 76, 412. | 1.4 | 21 |
| 42 | Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , 2016, 76, 664. | 1.4 | 26 |
| 43 | Observation of $\hat{b} \rightarrow b \ell^+ \ell^- (2S) p \bar{K}^0$ and $\hat{b} \rightarrow b \ell^+ \ell^- J/\psi + \bar{K}^0 p \bar{K}^0$ decays and a measurement of the $\hat{b} \rightarrow b \ell^+ \ell^-$ baryon magnetic moment. <i>Journal of High Energy Physics</i> , 2016, 2016, 1. | 1.6 | 17 |
| 44 | Production of associated Υ and open charm hadrons in pp collisions at $\sqrt{s} = 7$ and 8 TeV via double parton scattering. <i>Journal of High Energy Physics</i> , 2016, 2016, 1. | 1.6 | 37 |
| 45 | Measurement of fragmentation cross sections of ^{12}C ions on a thin gold target with the FIRST apparatus. <i>Physical Review C</i> , 2016, 93, . | 1.1 | 20 |
| 46 | An Intraoperative $\hat{\Gamma}^2$ Detecting Probe for Radio-Guided Surgery in Tumour Resection. <i>IEEE Transactions on Nuclear Science</i> , 2016, 63, 2533-2539. | 1.2 | 9 |
| 47 | MONDO: A neutron tracker for particle therapy secondary emission fluxes measurements. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 824, 210-211. | 0.7 | 6 |
| 48 | Measurement of charged particle yields from therapeutic beams in view of the design of an innovative hadrontherapy dose monitor. <i>Journal of Instrumentation</i> , 2015, 10, C02032-C02032. | 0.5 | 5 |
| 49 | Measurement of CP asymmetries and polarisation fractions in $B_s^0 \rightarrow K^+ K^- \ell^+ \ell^-$ decays. <i>Journal of High Energy Physics</i> , 2015, 2015, 1. | 1.6 | 12 |
| 50 | Forward production of $\hat{\Upsilon}$ mesons in pp collisions at $\sqrt{s} = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1. | 1.6 | 30 |
| 51 | Intraoperative $\hat{\Gamma}^2$ detecting probe for radio-guided surgery in tumour resection. , 2015, , . | | 2 |
| 52 | Polycrystalline para-terphenyl scintillator adopted in a $\hat{\Gamma}^2$ detecting probe for radio-guided surgery. <i>Journal of Physics: Conference Series</i> , 2015, 620, 012009. | 0.3 | 5 |
| 53 | Measurement of the inelastic pp cross-section at a centre-of-mass energy of $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1. | 1.6 | 14 |
| 54 | Time Evolution of DOTATOC Uptake in Neuroendocrine Tumors in View of a Possible Application of Radioguided Surgery with $\hat{\Gamma}^2$ Decay. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1501-1506. | 2.8 | 26 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. European Physical Journal C, 2015, 75, 595. | 1.4 | 11 |
| 56 | Prompt- $\hat{1}^3$ production of 220 MeV/u ¹² C ions interacting with a PMMA target. Journal of Instrumentation, 2015, 10, P10034-P10034. | 0.5 | 14 |
| 57 | A Study of Monitoring Performances with the INSIDE System. Acta Physica Polonica A, 2015, 127, 1468-1470. | 0.2 | 11 |
| 58 | The INSIDE Project: Innovative Solutions for In-Beam Dosimetry in Hadrontherapy. Acta Physica Polonica A, 2015, 127, 1465-1467. | 0.2 | 26 |
| 59 | Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152. | 1.4 | 44 |
| 60 | Measurement of the Z+b-jet cross-section in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. Journal of High Energy Physics, 2015, 2015, 1. | 1.6 | 9 |
| 61 | Search for the lepton flavour violating decay $\tilde{l}, \hat{\nu} \hat{\nu} \hat{1}/4 \hat{\nu} \hat{1}/4 + \hat{1}/4 \hat{\nu}$. Journal of High Energy Physics, 2015, 2015, 1. | | 32 |
| 62 | Measurement of the $\eta_c(1S) \hat{1} c (1 S)$ production cross-section in proton-proton collisions via | | |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Study of J/ψ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1. | 1.6 | 74 |
| 74 | Measurement of charged particle yields from PMMA irradiated by a 220 MeV/u ^{12}C beam. Physics in Medicine and Biology, 2014, 59, 1857-1872. | 1.6 | 60 |
| 75 | Addendum: Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1. | 1.6 | 34 |
| 76 | Searches for Λ_b^0 and Ξ_b^0 decays to $K_{\text{charm}}^0 \pi^0$ and $K_{\text{charm}}^0 \pi^+$ final states with first observation of the $\Lambda_b^0 \rightarrow K_{\text{charm}}^0 \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1. | 1.6 | 25 |
| 77 | Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow K^* \pi^0$. Journal of High Energy Physics, 2014, 2014, 1. | 1.6 | 13 |
| 78 | Angular analysis of charged and neutral $B \rightarrow K^{*0} \pi^0$ decays. Journal of High Energy Physics, 2014, 2014, 1. | 1.6 | 26 |
| 79 | Evidence for the decay $B_c^+ \rightarrow \pi^+ \rho^0$. Journal of High Energy Physics, 2014, 2014, 1. | 1.6 | 16 |
| 80 | Differential branching fractions and isospin asymmetries of $B \rightarrow K^{*0} \pi^0$ decays. Journal of High Energy Physics, 2014, 2014, 1. | 1.6 | 206 |
| 81 | Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2014, 2014, 1. | 1.6 | 52 |
| 82 | Study of Υ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1. | 1.6 | 33 |
| 83 | Observation of the $b \rightarrow c \tau^+ \nu_\tau$ decay. Journal of High Energy Physics, 2014, 2014, 1. | 1.6 | 35 |
| 84 | Observation of the $B_s^0 \rightarrow \tau^+ \nu_\tau K^0$ decay. Journal of High Energy Physics, 2014, 2014, 1. | 1.6 | 8 |
| 85 | Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1. | 1.6 | 24 |
| 86 | Measurement of $\psi(2S)$ polarisation in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872. | 1.4 | 53 |
| 87 | Measurement of charged particle multiplicities and densities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2014, 74, 2888. | 1.4 | 30 |
| 88 | Performance of the reconstruction algorithms of the FIRST experiment pixel sensors vertex detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 767, 34-40. | 0.7 | 13 |
| 89 | Properties of para-terphenyl as a Detector for α and γ radiation. IEEE Transactions on Nuclear Science, 2014, 61, 1483-1487. | 1.2 | 35 |
| 90 | An innovative radio-guided surgery technique for complete resection of tumors. Journal of Physics: Conference Series, 2014, 566, 012020. | 0.3 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | A novel radioguided surgery technique exploiting ^{125}I decays. Scientific Reports, 2014, 4, 4401. | 1.6 | 48 |
| 92 | Differential branching fraction and angular analysis of the decay $B_s^0 \rightarrow \bar{D}^{*1/2} + D^{*1/2}$. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 103 |
| 93 | Search for CP violation in $D + \bar{D}^* \rightarrow \bar{D}^* + D$ and $D_s^+ \rightarrow K_S^0 \pi^+$ decays. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 14 |
| 94 | Production of J/ψ and Υ mesons in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 65 |
| 95 | Measurement of the $B^0 \rightarrow K^* \ell^+ \ell^-$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 28 |
| 96 | Limits on neutral Higgs boson production in the forward region in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 7 |
| 97 | Measurement of the fragmentation fraction ratio f_s/f_d and its dependence on B meson kinematics. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 89 |
| 98 | Measurement of CP observables in $B^0 \rightarrow DK^*$ with $D^* \rightarrow K^* K^*$. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 6 |
| 99 | Measurement of the cross-section for $Z \rightarrow e^+e^-$ production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 53 |
| 100 | Differential branching fraction and angular analysis of the $B \rightarrow \bar{D}^{*1/2} + D^{*1/2}$ decay. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 72 |
| 101 | Measurement of J/ψ production in pp collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 30 |
| 102 | Measurement of the forward energy flow in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2421. | 1.4 | 25 |
| 103 | Measurements of the branching fractions of $B^+ \rightarrow p \bar{K}^+$ decays. European Physical Journal C, 2013, 73, 2462. | 1.4 | 24 |
| 104 | First measurement of time-dependent CP violation in $B_s^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 28 |
| 105 | Measurement of the relative rate of prompt c_0 , c_1 and c_2 production at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 36 |
| 106 | Study of D meson decays to $D^* \ell^+ \ell^-$, $D^* \ell^+ \ell^-$ and $D^* \ell^+ \ell^-$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 82 |
| 107 | First observation of the decay $B_c^+ \rightarrow \ell^+ \psi(K^+)$. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 41 |
| 108 | Searches for $B_{(s)}^0 \rightarrow \ell^+ \ell^- \psi(K^+)$ and $B \rightarrow \bar{D}^* J/\psi p$ decays. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 111 |
| 110 | Measurement of B meson production cross-sections in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 50 |
| 111 | Implications of LHCb measurements and future prospects. European Physical Journal C, 2013, 73, 1. | 1.4 | 137 |
| 112 | Search for the doubly charmed baryon Ξ_{cc}^{++} . Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 50 |
| 113 | Measurement of J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631. | 1.4 | 117 |
| 114 | Observation of the decay $B_c^+ \rightarrow J/\psi K^+ K^- \pi^+$. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 25 |
| 115 | First observation of the decay $B_s^0 \rightarrow \phi \overline{K}^{*0}$. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 9 |
| 116 | Search for the rare decay $K_{\text{S}}^0 \rightarrow \mu^+ \mu^-$. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 13 |
| 117 | A study of the Z production cross-section in pp collisions at $\sqrt{s}=7$ TeV using tau final states. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 14 |
| 118 | Experiment FIRST: Fragmentation of ^{12}C beam at 400 MeV/u., 2013, . | | 0 |
| 119 | Performance of the LHCb muon system. Journal of Instrumentation, 2013, 8, P02022-P02022. | 0.5 | 145 |
| 120 | Performance of the Muon Identification at LHCb. Journal of Instrumentation, 2013, 8, P10020-P10020. | 0.5 | 69 |
| 121 | FIRST experiment: Fragmentation of Ions Relevant for Space and Therapy. Journal of Physics: Conference Series, 2013, 420, 012061. | 0.3 | 9 |
| 122 | Charged particle e^{\pm} s flux measurement from PMMA irradiated by 80 MeV/u carbon ion beam. Physics in Medicine and Biology, 2012, 57, 5667-5678. | 1.6 | 37 |
| 123 | Charged and Neutral Particles Production from 80 MeV/u ^{12}C ion beam on a PMMA target. , 2012, . | | 0 |
| 124 | The KENTROS detector for identification and kinetic energy measurements of nuclear fragments at polar angles between 5 and 90 degrees. , 2012, . | | 0 |
| 125 | Precise measurement of prompt photon emission from 80 MeV/u carbon ion beam irradiation. Journal of Instrumentation, 2012, 7, P03001-P03001. | 0.5 | 26 |
| 126 | Measurement of the B^{\pm} production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 1.6 | 22 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$; $\sqrt{s} = 7$; $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 1.6 | 103 |
| 128 | Measurement of the isospin asymmetry in $B \rightarrow K^{*0} \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2012, 2012, 165 | | |
| 129 | Measurement of the fraction of $\Upsilon(1S)$ originating from $\Upsilon(1P)$ decays in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 1.6 | 18 |
| 130 | First observation of the decay $B \rightarrow \pi^+ \pi^- \pi^+ \pi^-$. Journal of High Energy Physics, 2012, 2012, 1. | 1.6 | 36 |
| 131 | Carbon fragmentation measurements and validation of the Geant4 nuclear reaction models for hadrontherapy. Physics in Medicine and Biology, 2012, 57, 7651-7671. | 1.6 | 53 |
| 132 | Measurement of $\Upsilon(2S)$ meson production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2100. | 1.4 | 83 |
| 133 | Measurement of relative branching fractions of B decays to $\Upsilon(2S)$ and J/ψ mesons. European Physical Journal C, 2012, 72, 2118. | 1.4 | 29 |
| 134 | Measurement of prompt hadron production ratios in pp collisions at $\sqrt{s} = 0.9$ TeV and $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1. | 1.4 | 26 |
| 135 | Performance of upstream interaction region detectors for the FIRST experiment at GSI. Journal of Instrumentation, 2012, 7, P02006-P02006. | 0.5 | 14 |
| 136 | Measurement of mixing and CP violation parameters in two-body charm decays. Journal of High Energy Physics, 2012, 2012, 1. | 1.6 | 26 |
| 137 | Inclusive W and Z production in the forward region at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 1.6 | 71 |
| 138 | The FIRST experiment at GSI. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 678, 130-138. | 0.7 | 30 |
| 139 | Study of the time and space distribution of emitters from carbon ion beam irradiation on PMMA. Nuclear Instruments & Methods in Physics Research B, 2012, 283, 1-8. | 0.6 | 15 |
| 140 | Search for a vector gauge boson in Υ meson decays with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 706, 251-255. | 1.5 | 116 |
| 141 | Measurement of charged particle multiplicities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2012, 72, 1. | 1.4 | 30 |
| 142 | Observation of X(3872) production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1. | 1.4 | 153 |
| 143 | Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022. | 1.4 | 58 |
| 144 | Measurement of Υ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2025. | 1.4 | 106 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Observation of double charm production involving open charm in pp collisions at ($\sqrt{s} = 7$); $\{\text{TeV}\}$). , 2012, 2012, 1. | | 2 |
| 146 | FIRST experiment upstream detectors performance on GSI 400 MeV/u $\times 12$ C beam. , 2011, , . | | 0 |
| 147 | The FIRST experiment for nuclear fragmentation measurements at GSI. , 2011, , . | | 2 |
| 148 | Observation of the rare Λ_c^+ decay with the KLOE experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 702, 324-328. | 1.5 | 22 |
| 149 | Measurement of J/ψ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1. | 1.4 | 238 |
| 150 | Measurement of V_0 production ratios in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1. | 1.6 | 18 |
| 151 | Measurement of prompt photons and gamma PET from 80 MeV/u carbon beam on PMMA target. , 2011, , . | | 0 |
| 152 | Performance of the LHCb muon system with cosmic rays. Journal of Instrumentation, 2010, 5, P10003-P10003. | 0.5 | 2 |
| 153 | Physics with the KLOE-2 experiment at the upgraded DAΦNE. European Physical Journal C, 2010, 68, 619-681. | 1.4 | 222 |
| 154 | Measurement of the slope parameter Γ_{\pm} with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 694, 16-21. | 1.5 | 22 |
| 155 | RECENT RESULTS FROM KLOE AT DAΦNE. International Journal of Modern Physics E, 2009, 18, 231-240. | 0.4 | 1 |
| 156 | Scalar mesons at KLOE. Nuclear Physics, Section B, Proceedings Supplements, 2009, 186, 290-293. | 0.5 | 26 |
| 157 | Calibration and performances of the KLOE calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 598, 239-243. | 0.7 | 17 |
| 158 | High radiation tests of the MWPCs for the LHCb Muon System. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 599, 171-175. | 0.7 | 2 |
| 159 | Measurement of Γ_f | | |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | Study of the process $e^+e^- \rightarrow e^+e^- \gamma^* \rightarrow e^+e^- \pi^0$ in the \tilde{J} -meson mass region with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 669, 223-228. | 1.5 | 42 |
| 164 | A study of the radiative $\tilde{J} \rightarrow e^+e^- \gamma^* \rightarrow e^+e^- \pi^0$ decay and search for direct photon emission with the KLOE detector. European Physical Journal C, 2008, 55, 539. | 1.4 | 4 |
| 165 | The LHCb Detector at the LHC. Journal of Instrumentation, 2008, 3, S08005-S08005. | 0.5 | 969 |
| 166 | Determination of \tilde{J} Dalitz plot slopes and asymmetries with the KLOE detector. Journal of High Energy Physics, 2008, 2008, 006-006. | 1.6 | 17 |
| 167 | Measurement of the $\tilde{J} \rightarrow e^+e^- \pi^0$ branching ratio using a pure \tilde{J} beam with the KLOE detector. Journal of High Energy Physics, 2008, 2008, 051-051. | 1.6 | 1 |
| 168 | Measurement of $ V_{cs} $ and lepton universality from kaon decays with the KLOE detector. Journal of High Energy Physics, 2008, 2008, 059-059. | 1.6 | 0 |
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| 170 | Measurement of the absolute branching ratios for semileptonic $\tilde{J} \rightarrow e^+e^- \pi^0$ decays with the KLOE detector. Journal of High Energy Physics, 2008, 2008, 098-098. | 1.6 | 4 |
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