

Elizaveta Cherepanova

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

92
citations

1478505

6
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

963
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Measurement of the c-jet mistagging efficiency in $t\bar{t}$ events using pp collision data at $\sqrt{s}=13\text{ TeV}$ collected with the ATLAS detector. European Physical Journal C, 2022, 82, . | 3.9 | 14 |
| 2 | Observation of electroweak production of two jets in association with an isolated photon and missing transverse momentum, and search for a Higgs boson decaying into invisible particles at 13 TeV with the ATLAS detector. European Physical Journal C, 2022, 82, 1. | 3.9 | 8 |
| 3 | Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with 139 fb^{-1} of pp collision data at $\sqrt{s} = 13\text{ TeV}$. Journal of High Energy Physics, 2022, 2022, 1. | 4.7 | 10 |
| 4 | AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1. | 2.9 | 23 |
| 5 | Measurement of the energy response of the ATLAS calorimeter to charged pions from $W^{\pm} \rightarrow \mu^{\pm} \nu_{\mu} (\rightarrow \pi^{\pm} \nu_{\mu}) \nu_{\tau}$ events in Run2 data. European Physical Journal C, 2022, 82, 1. | 3.9 | 4 |
| 6 | Search for flavour-changing neutral-current interactions of a top quark and a gluon in pp collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2022, 82, . | 3.9 | 7 |
| 7 | Measurement of the energy asymmetry in $t\bar{t}$ production at 13 TeV with the ATLAS experiment and interpretation in the SMEFT framework. European Physical Journal C, 2022, 82, . | 3.9 | 2 |
| 8 | Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $\sqrt{s} = 7, 8$ and 13 TeV . European Physical Journal C, 2022, 82, 1. | 3.9 | 12 |
| 9 | Measurement of the radiation environment of the ATLAS cavern in 2017–2018 with ATLAS-GaAsPix detectors. Journal of Instrumentation, 2021, 16, P01031-P01031. | 1.2 | 1 |
| 10 | A search for the decays of stopped long-lived particles at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 5 |
| 11 | Measurement of the production cross section of pairs of isolated photons in pp collisions at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 4 |
| 12 | PERFORMANCE TESTING FRAMEWORK FOR THE ATLAS EVENTINDEX. , 0, , . | | 0 |
| 13 | THE ATLAS EVENTINDEX USING THE HBASE/PHOENIX STORAGE SOLUTION. , 0, , . | | 2 |