

# Kieran Amos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10059359/publications.pdf>

Version: 2024-02-01

6  
papers

68  
citations

1684188

5  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

28  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.   | 2.9 | 23        |
| 2 | 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        |
| 3 | Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $\sqrt{s} = 7, 8$ and $13\text{ TeV}$ . European Physical Journal C, 2022, 82, 1.  | 3.9 | 12        |
| 4 | Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with $139\text{ fb}^{-1}$ of pp collision data at $\sqrt{s} = 13\text{ TeV}$ . Journal of High Energy Physics, 2022, 2022, 1. | 4.7 | 10        |
| 5 | 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         |
| 6 | Measurement of the energy asymmetry in $t\bar{t}j$ production at $13\text{ TeV}$ with the ATLAS experiment and interpretation in the SMEFT framework. European Physical Journal C, 2022, 82, .   | 3.9 | 2         |