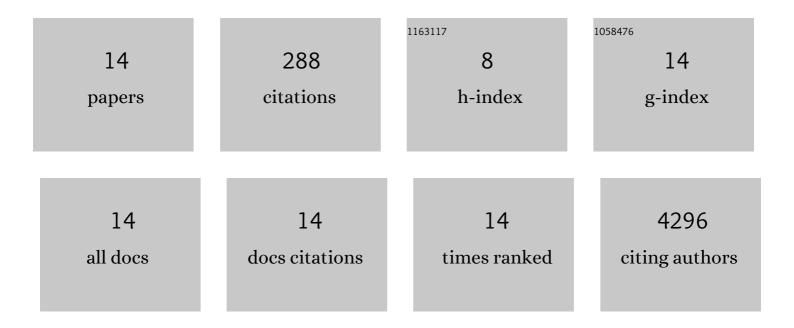
## Shubham Bansal

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10048694/publications.pdf Version: 2024-02-01



| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Measurement of the c-jet mistagging efficiency in \$\$tar{t}\$\$Âevents using pp collision data at<br>\$\$sqrt{s}=13\$\$Â\$\$ext {TeV}\$\$ collected with the ATLAS detector. European Physical Journal C, 2022,<br>82, .   | 3.9 | 14        |
| 2  | Operation and performance of the ATLAS semiconductor tracker in LHC RunÂ2. Journal of Instrumentation, 2022, 17, P01013.  | 1.2 | 1         |
| 3  | Search for exotic decays of the Higgs boson into b\$\$ overline{b} \$\$ and missing transverse<br>momentum in pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy<br>Physics, 2022, 2022, 1.  | 4.7 | 2         |
| 4  | Observation of electroweak production of two jets in association with an isolated photon and<br>missing transverse momentum, and search for a Higgs boson decaying into invisible particles at<br>13Â\$\$ext {TeV}\$\$ with the ATLAS detector. European Physical Journal C, 2022, 82, 1. | 3.9 | 8         |
| 5  | Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with 139 fbâ 1 of pp collision data at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.  | 4.7 | 10        |
| 6  | AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.  | 2.9 | 23        |
| 7  | Measurement of the energy response of the ATLASÂcalorimeter to chargedÂpions from \$\$W^{pm<br>}ightarrow au ^{pm }(ightarrow pi ^{pm }u _{au })u _{au }\$\$ events in RunÂ2 data.<br>European Physical Journal C, 2022, 82, 1.   | 3.9 | 4         |
| 8  | Search for flavour-changing neutral-current interactions of a top quark and a gluon in pp collisions<br>at \$\$sqrt{s}=13\$\$ÂTeV with the ATLAS detector. European Physical Journal C, 2022, 82, .   | 3.9 | 7         |
| 9  | Measurement of the energy asymmetry in \$\$t{ar{t}}j\$\$ production at \$\$13,\$\$TeV with the ATLAS experiment and interpretation in the SMEFT framework. European Physical Journal C, 2022, 82, .   | 3.9 | 2         |
| 10 | Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at \$\$sqrt{s} = 7\$\$, 8 and 13ÂTeV. European Physical Journal C, 2022, 82, 1.  | 3.9 | 12        |
| 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 | Search for dark photons in decays of Higgs bosons produced in association with Z bosons in proton-proton collisions at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.   | 4.7 | 13        |
| 13 | Electroweak production of two jets in association with a Z boson in proton–proton collisions at<br>\$\$sqrt{s}= \$\$ s = 13 \$\$,ext {TeV}\$\$ TeV. European Physical Journal C, 2018, 78, 1.   | 3.9 | 17        |
| 14 | Search for invisible decays of Higgs bosons in the vector boson fusion and associated ZH production modes. European Physical Journal C, 2014, 74, 2980.   | 3.9 | 171       |