

PUBLICATION RECORD ([link to full list](#))

**Summary:**

*h*-index: 156

Citations: > 95,000

# in author list: > 950

# of significant contrs. (list link):

25 articles, 3 reports, 1 book,  
1 conference proc., 10 pre-prints,  
3 acknowledgments

Most cited articles w/ sig. contrs.:

Higgs boson spin-parity  
(>950; published in `15)

LHC Run 2  $H \rightarrow 4\ell$  properties  
(>750; published in `17)

**Notable papers:**

CMS statistics tool COMBINE:

CMS collaboration, sub. to Comp. & Soft. for Big Science (2024).

Conceptual study of tracking detectors for QPUs:

U. Sarica, JINST 18 P12005 (2023). (**single author**)

CMS silicon tracker alignment:

CMS collaboration, Nucl. Instrum. Meth. A 1037 166795 (2022).

First evidence at the LHC for off-shell Higgs boson production:

CMS collaboration, Nature Phys. 18 (2022). (**editor**)

Combination measurement of Higgs boson couplings:

CMS collaboration, Nature 607 60 (2022).

Handbook of LHC Higgs Cross Sections (>**1750 citations**):

CERN Report CERN-2017-002-M (2017). (**subsection editor**)