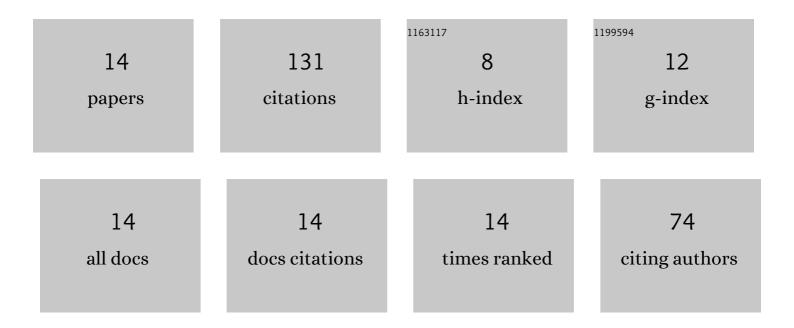
## Lubos Vozdecky

List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.	2.9	23
2	Rolling friction—models and experiment. An undergraduate student project. European Journal of Physics, 2014, 35, 055004.	0.6	21
3	Measurement of the c-jet mistagging efficiency in \$\$tar{t}\$\$Âevents using pp collision data at \$\$sqrt{s}=13\$\$Â\$\$ext {TeV}\$\$ collected with the ATLAS detector. European Physical Journal C, 2022, 82, .	3.9	14
4	Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at \$\$\$qrt{s} = 7\$\$, 8 and 13ÂTeV. European Physical Journal C, 2022, 82, 1.	3.9	12
5	Multiple scattering in scanning helium microscopy. Applied Physics Letters, 2020, 116, .	3.3	10
6	Measurement of the t\$\$ overline{t} \$\$t\$\$ overline{t} \$\$ production cross section in pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
7	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
8	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 13Â\$\$ext {TeV}\$\$ with the ATLAS detector. European Physical Journal C, 2022, 82, 1.	3.9	8
9	Search for flavour-changing neutral-current interactions of a top quark and a gluon in pp collisions at \$\$sqrt{s}=13\$\$ÂTeV with the ATLAS detector. European Physical Journal C, 2022, 82, .	3.9	7
10	Measurement of the energy response of the ATLASÂcalorimeter to chargedÂpions from \$\$W^{pm }ightarrow au ^{pm }(ightarrow pi ^{pm }u _{au })u _{au }\$\$ events in RunÂ2 data. European Physical Journal C, 2022, 82, 1.	3.9	4
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 exotic decays of the Higgs boson into long-lived particles in pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV using displaced vertices in the ATLAS inner detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
13	Search for exotic decays of the Higgs boson into b\$\$ overline{b} \$\$ and missing transverse momentum in pp collisions at \$\$ sqrt{s} \$\$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
14	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