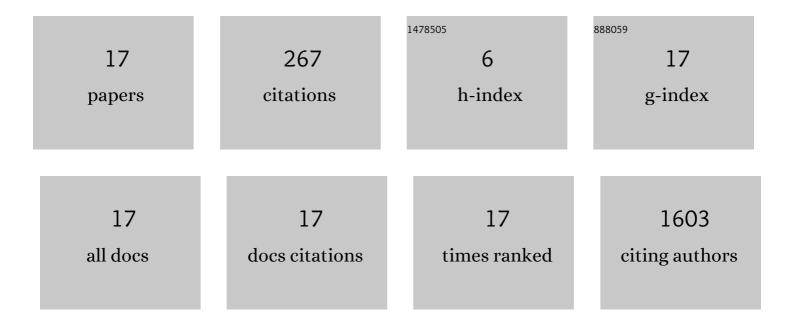
## Hirak Bandyopadhyay

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2263342/publications.pdf

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#	Article	IF	CITATIONS
1	Precision luminosity measurement in proton–proton collisions at \$\$sqrt{s} = 13,hbox {TeV}\$\$ in 2015 and 2016 at CMS. European Physical Journal C, 2021, 81, 800.	3.9	123
2	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton–proton collisions at \$\$sqrt{s} = 13,ext {TeV} \$\$. European Physical Journal C, 2021, 81, 488.	3.9	35
3	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at \$\$ sqrt{mathrm{s}} \$\$ = 13 TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	27
4	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton–proton collisions at \$\$sqrt{s}=13,ext {TeV} \$\$. European Physical Journal C, 2022, 82, 290.	3.9	18
5	Search for supersymmetry in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	13
6	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	12
7	Inclusive and differential cross section measurements of single top quark production in association with a Z boson in proton-proton collisions at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
8	Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
9	Search for flavor-changing neutral current interactions of the top quark and the Higgs boson decaying to a bottom quark-antiquark pair at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	5
10	Search for long-lived particles decaying into muon pairs in proton-proton collisions at \$\$ sqrt{s} \$\$ = 13 TeV collected with a dedicated high-rate data stream. Journal of High Energy Physics, 2022, 2022, .	4.7	5
11	Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	5
12	Search for higgsinos decaying to two Higgs bosons and missing transverse momentum in proton-proton collisions at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, .	4.7	4
13	Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at \$\$ sqrt{s} \$\$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
14	Measurement of the inclusive \$\$ mathrm{t}overline{mathrm{t}} \$\$ production cross section in proton-proton collisions at \$\$ sqrt{s} \$\$ = 5.02 TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
15	Search for heavy resonances decaying to a pair of Lorentz-boosted Higgs bosons in final states with leptons and a bottom quark pair at \$\$ sqrt{s} \$\$= 13 TeV. Journal of High Energy Physics, 2022, 2022, .	4.7	2
16	Study of dijet events with large rapidity separation in proton-proton collisions at \$\$ sqrt{s} \$\$ = 2.76 TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	1
17	Observation of B\$\$^0\$\$ \$\$ightarrow \$\$ \$\$uppsi \$\$(2S)K\$\$^0_mathrm {S}uppi ^+uppi ^-\$\$ and B\$\$^0_mathrm {s}\$\$ \$\$ightarrow \$\$ \$\$uppsi \$\$(2S)K\$\$^0_mathrm {S}\$\$ decays. European Physical Journal C, 2022, 82, .	3.9	1