

OktaŸ DoÄangÄ¼n

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

4,784
citations

81900

39
h-index

95266

68
g-index

87
all docs

87
docs citations

87
times ranked

6569
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Search for microscopic black holes in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 44 |
| 2 | Observation of a new boson with mass near 125 GeV in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 320 |
| 3 | Search for the standard model Higgs boson produced in association with a top-quark pair in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 39 |
| 4 | Studies of jet mass in dijet and W/Z + jet events. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 58 |
| 5 | Measurement of the $\overline{\text{t}}\text{t}$ production cross section in the all-jet final state in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 16 |
| 6 | Measurement of the X(3872) production cross section via decays to $J/\psi + \bar{\psi}\psi$ in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 73 |
| 7 | Study of the underlying event at forward rapidity in pp collisions at $\sqrt{s}=0.9, 2.76, \dots, 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 50 |
| 8 | Search for new physics in events with photons, jets, and missing transverse energy in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 15 |
| 9 | Search for new physics in events with same-sign dileptons and b jets in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 33 |
| 10 | Search in leptonic channels for heavy resonances decaying to long-lived neutral particles. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 32 |
| 11 | Search for exotic resonances decaying into WZ/ZZ in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 20 |
| 12 | Search for supersymmetry in pp collisions at $\sqrt{s}=7$ TeV in events with a single lepton, jets, and missing transverse momentum. European Physical Journal C, 2013, 73, 2404. | 3.9 | 20 |
| 13 | Search for a standard-model-like Higgs boson with a mass in the range 145 to 1000 GeV at the LHC. European Physical Journal C, 2013, 73, 2469. | 3.9 | 68 |
| 14 | Observation of a diffractive contribution to dijet production in proton-proton collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2013, 87, . | 4.7 | 24 |
| 15 | Search for supersymmetry in hadronic final states with missing transverse energy using the variables \hat{T} and b-quark multiplicity in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2013, 73, 2568. | 3.9 | 147 |
| 16 | Search for physics beyond the standard model in events with \cancel{E}_T , leptons, jets, and large transverse momentum imbalance in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2493. | 3.9 | 22 |
| 17 | Measurement of the $\text{t}\bar{\text{t}}$ production cross section in the \cancel{E}_T , +jets channel in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 1. | 3.9 | 24 |
| 18 | Search for narrow resonances and quantum black holes in inclusive and b-tagged dijet mass spectra from pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 46 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Measurement of the ZZ production cross section and search for anomalous couplings in $Z\gamma$, $Z\gamma\gamma$, $\gamma\gamma$ final states in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 39 |
| 20 | Search for supersymmetry in final states with missing transverse energy and 0, 1, 2, or ≥ 3 b-quark jets in 7 TeV pp collisions using the variable $L_{\perp} T$. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 34 |
| 21 | Search for heavy quarks decaying into a top quark and a W or Z boson using lepton + jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 13 |
| 22 | Measurement of the sum of WW and WZ production with W+dijet events in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2283. | 3.9 | 64 |
| 23 | Measurement of differential top-quark-pair production cross sections in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 1. | 3.9 | 125 |
| 24 | Search for narrow resonances using the dijet mass spectrum in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 71 |
| 25 | Search for narrow resonances using the dijet mass spectrum in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 5 |
| 26 | Interpretation of searches for supersymmetry with simplified models. Physical Review D, 2013, 88, . | 4.7 | 58 |
| 27 | Search for $Z\gamma$ resonances decaying to dilepton+jet final states in pp collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2013, 87, . | 4.7 | 34 |
| 28 | Measurements of differential jet cross sections in proton-proton collisions at $\sqrt{s}=7$ TeV using the CMS detector. Physical Review D, 2013, 87, . | 4.7 | 115 |
| 29 | Search for new physics in final states with a lepton and missing transverse energy in pp collisions at the LHC. Physical Review D, 2013, 87, . | 4.7 | 11 |
| 30 | Search for fractionally charged particles in pp collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2013, 87, . | 4.7 | 41 |
| 31 | Search for fractionally charged particles in pp collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2013, 87, . | 4.7 | 12 |
| 32 | Search for supersymmetry in events with opposite-sign dileptons and missing transverse energy using an artificial neural network. Physical Review D, 2013, 87, . | 4.7 | 13 |
| 33 | Search for supersymmetry in final states with a single lepton, b-quark jets, and missing transverse energy in proton-proton collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2013, 87, . | 4.7 | 9 |
| 34 | Search for pair production of first- and second-generation scalar leptoquarks in pp collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2013, 87, . | 4.7 | 32 |
| 35 | Search for supersymmetry in events with b-quark jets and missing transverse energy in pp collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2012, 86, . | 4.7 | 18 |
| 36 | Combined search for the quarks of a sequential fourth generation. Physical Review D, 2012, 86, . | 4.7 | 26 |

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|----|---|-----|-----------|
| 37 | Inclusive b-jet production in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 39 |
| 38 | Search for quark compositeness in dijet angular distributions from pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 18 |
| 39 | Suppression of non-prompt J/ψ , prompt J/ψ , and $\Upsilon(1S)$ in PbPb collisions at $\sqrt{s_{NN}} = 2.76\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 200 |
| 40 | Search for heavy bottom-like quarks in 4.9fb^{-1} of pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 45 |
| 41 | Measurement of the cross section for production of $\bar{b} X b$ decaying to muons in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 6 |
| 42 | Measurement of the $Z \rightarrow b\bar{b}$ cross section in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 39 |
| 43 | Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at $\sqrt{s}=7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 31 |
| 44 | Search for anomalous production of multilepton events in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 68 |
| 45 | Search for a light charged Higgs boson in top quark decays in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 117 |
| 46 | Search for leptonic decays of $W^{\pm 2}$ bosons in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 49 |
| 47 | Search for stopped long-lived particles produced in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 17 |
| 48 | Search for new physics in events with same-sign dileptons and b-tagged jets in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 30 |
| 49 | Measurement of the underlying event activity in pp collisions at $\sqrt{s} = 0.9\text{TeV}$ and 7TeV with the novel jet-area/median approach. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 13 |
| 50 | Search for anomalous $t\bar{t}$ production in the highly-boosted all-hadronic final state. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 58 |
| 51 | Search for dark matter and large extra dimensions in monojet events in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 168 |
| 52 | Search for a fermiophobic Higgs boson in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 15 |
| 53 | Search for supersymmetry in hadronic final states using M_{T2} in pp collisions at $\sqrt{s}=7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 95 |
| 54 | Measurement of jet fragmentation into charged particles in pp and PbPb collisions at $\sqrt{s_{NN}} = 2.76\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 85 |

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|----|---|-----|-----------|
| 55 | Measurement of the $\overline{\text{t}}\text{t}$ production cross section in the dilepton channel in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 69 |
| 56 | Search for exclusive or semi-exclusive $\tilde{\chi}\tilde{\chi}$ production and observation of exclusive and semi-exclusive e^+e^- production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 51 |
| 57 | Search for the standard model Higgs boson produced in association with W and Z bosons in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 7 |
| 58 | Search for electroweak production of charginos and neutralinos using leptonic final states in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 41 |
| 59 | Search for new physics with long-lived particles decaying to photons and missing energy in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 11 |
| 60 | Search for resonant $\overline{\text{t}}\text{t}$ production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 26 |
| 61 | Observation of Z decays to four leptons with the CMS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 34 |
| 62 | Measurement of the single-top-quark t-channel cross section in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 83 |
| 63 | Search for third-generation leptoquarks and scalar bottom quarks in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 14 |
| 64 | Measurement of the top-quark mass in $\overline{\text{t}}\text{t}$ events with lepton+jets final states in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 38 |
| 65 | Measurement of the rapidity and transverse momentum distributions of $\overline{\text{t}}\text{t}$ production cross section in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 35 |
| 66 | Measurement of the rapidity and transverse momentum distributions of Z bosons in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 108 |
| 67 | Measurement of the underlying event in the Drellâ€“Yan process in protonâ€“proton collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1. | 3.9 | 33 |
| 68 | Study of the inclusive production of charged pions, kaons, and protons in pp collisions at $\sqrt{s}=0.9, 2.76, 7$ TeV. European Physical Journal C, 2012, 72, 1. | 3.9 | 154 |
| 69 | A search for a doubly-charged Higgs boson in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1. | 3.9 | 129 |
| 70 | Measurement of the top-quark mass in $\overline{\text{t}}\text{t}$ events with dilepton final states in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1. | 3.9 | 42 |
| 71 | Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in protonâ€“proton collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1. | 3.9 | 26 |
| 72 | | | |

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|----|---|-----|-----------|
| 73 | J/ψ and $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 81 |
| 74 | Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 2\gamma, 2\ell\ell$ channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 26 |
| 75 | Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow \gamma\gamma, \gamma\ell\ell, \ell\ell\ell\ell$ decay channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 11 |
| 76 | Search for $B \rightarrow \gamma \ell^+ \ell^-$ and $B \rightarrow \gamma \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 57 |
| 77 | Search for a Higgs boson in the decay channel $H \rightarrow ZZ \rightarrow q\bar{q} \ell^+ \ell^-$ in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 30 |
| 78 | Search for microscopic black holes in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 34 |
| 79 | Measurement of the inclusive production cross sections for forward jets and for dijet events with one forward and one central jet in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 16 |
| 80 | Measurement of the mass difference between top and antitop quarks. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 15 |
| 81 | Study of high-p _T charged particle suppression in PbPb compared to pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2012, 72, 1. | 3.9 | 369 |
| 82 | Oblique parameters and extra generations via OPUCM. European Physical Journal C, 2012, 72, 1. | 3.9 | 6 |
| 83 | Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2012, 72, 1. | 3.9 | 181 |
| 84 | Exclusive $\gamma \gamma \rightarrow \ell^+ \ell^-$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 56 |
| 85 | Measurement of the production cross section for pairs of isolated photons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 26 |
| 86 | Measurement of the weak mixing angle with the Drell-Yan process in proton-proton collisions at the LHC. Physical Review D, 2011, 84, . | 4.7 | 51 |