

Rahul Ramachandran Nair

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

597
citations

567281

15
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1703
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Production of $K^* (892)$ and $\phi (1020)$ in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245. | 3.9 | 89 |
| 2 | Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1. | 3.9 | 62 |
| 3 | Energy dependence of forward-rapidity ρ/ψ and ψ ($2S$) production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392. | 3.9 | 50 |
| 4 | Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1. | 2.6 | 44 |
| 5 | Higher harmonic flow coefficients of identified hadrons in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 40 |
| 6 | Production of $\Sigma(1385)^{\pm}$. European Physical Journal C, 2017, 77, 389. | 3.9 | 36 |
| 7 | Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s} = 0.9, 7,$ and 8 TeV. European Physical Journal C, 2017, 77, 1. | 3.9 | 32 |
| 8 | Centrality dependence of charged jet production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 271. | 3.9 | 31 |
| 9 | Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1. | 3.9 | 31 |
| 10 | Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1. | 2.6 | 29 |
| 11 | Production of π^0 and η mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 339. | 3.9 | 28 |
| 12 | Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s} = 7$ TeV and Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2017, 77, 245. | 3.9 | 23 |
| 13 | Prompt $D^0, D^+,$ and D^{*+} production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1. | 4.7 | 23 |
| 14 | Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 18 |
| 15 | Centrality dependence of $\psi(2S)$ suppression in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 17 |
| 16 | W and Z boson production in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 13 |
| 17 | Production of pions, kaons, (anti-)protons and ϕ mesons in Xe-Xe collisions at $\sqrt{s_{\text{NN}}} = 5.44$ TeV. European Physical Journal C, 2021, 81, 1. | 3.9 | 12 |
| 18 | Measurement of D-meson production versus multiplicity in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Measurement of electrons from beauty-hadron decays in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 9 |