

List of Publications

Papers in peer reviewed Journals

1. J. N. Pandya, N. R. Soni, N. Devlani, A. K. Rai, “Decay rates and electromagnetic transitions of heavy quarkonia”, Chin. Phys. C **39**, 123101 (2015).
2. N. R. Soni and J. N. Pandya, “Decay $D \rightarrow K^{(*)}\ell^+\nu_\ell$ in covariant quark model”, Phys. Rev. D **96**, 016017 (2017) [Erratum: Phys. Rev. D **99**, 059901 (2019)].
3. N. R. Soni, B. R. Joshi, R. P. Shah, H. R. Chauhan, J. N. Pandya “ $Q\bar{Q}(Q \in \{b, c\})$ spectroscopy using Cornell potential”, Eur. Phys. J. C **78**, 592 (2018).
4. N. R. Soni, M. A. Ivanov, J. G. Körner, J. N. Pandya, P. Santorelli, C. T. Tran, “Semileptonic $D_{(s)}$ -meson decays in the light of recent data”, Phys. Rev. D **98**, 114031 (2018).

Papers in Conference Proceedings

1. N. R. Soni and J. N. Pandya, “Masses and radiative leptonic decay properties of B_c meson”, DAE Symp. Nucl. Phys. **58**, 674 (2013).
2. N. R. Soni and J. N. Pandya, “Semileptonic and pionic decays of doubly strange baryons”, DAE Symp. Nucl. Phys. **60**, 694 (2015).
3. A. N. Gadaria, N. R. Soni, J. N. Pandya, “Masses and magnetic moment of doubly heavy baryons”, DAE Symp. Nucl. Phys. **61**, 698 (2016).
4. N. R. Soni, J. N. Pandya, “Masses and radiative decay of Ω_{cc}^+ baryon”, DAE Symp. Nucl. Phys. **62**, 770 (2017).
5. N. R. Soni, R. R. Chaturvedi, A. K. Rai, J. N. Pandya, “Mass and Hadronic Decay Widths of Z States as Di-meson Molecule”, Springer Proc. Phys. **203**, 729 (2018).
6. A. N. Gadaria, N. R. Soni, Raghav Chaturvedi, A. K. Rai, J. N. Pandya, “Decay Properties of Ξ_{cc}^{++} baryons”, DAE symp. on Nucl. Phys. **63**, 912 (2018).