

List of Publications

In Referred Journals:

1. **Devee, M.,** Sarma, J. K., Analysis of the small-x behavior of gluon distribution and a search for gluon recombination, *Nucl. Phys. B* **885** 571--582, 2014.
2. **Devee, M.,** Sarma, J. K., Nonlinear GLR-MQ evolution equation and Q^2 -evolution of gluon distribution function, *Eur. Phys. J. C* **74** (2) 2751, 2014.
3. **Devee, M.,** Baishya, R., Sarma, J. K., Evolution of singlet structure functions from DGLAP equation at next-to-next-to-leading order at small-x, *Eur. Phys. J. C* **72** (6) 2036, 2012.
4. **Devee, M.,** Baishya, R., Sarma, J. K., Solution of singlet Dokshitzer-Gribov-Lipatov-Altarelli-Parisi evolution equation in next-to-next-to-leading order at small-x, *Indian J. Phys.* **86** (2) 141--144, 2012.
5. **Devee, M.,** Sarma, J. K., Gluon distribution from the solution of DGLAP equation at small-x: the next-to-next-to-leading order analysis, *Eur. Phys. J. A*, (Under Review).
6. **Devee, M.,** Sarma, J. K., Shadowing corrections to the evolution of singlet structure function in the framework of GLR-MQ equation, *Nucl. Phys. B*, (Under Review).

In Conference Proceedings:

1. **Devee, M.,** Sarma, J. K., Solution of nonlinear Gribov-Levin-Ryskin-Mueller-Qiu evolution equation for gluon distribution Function, *Journal of Phys: Conf. Series* **481** 012026, 2014.
2. **Devee, M.,** Sarma, J. K., Analytical approach for the solution of the nonlinear GLR-MQ equation, *Proceedings of INSA* **81** (1) 16--21, 2015.