

## Rajesh Mondal's Publications

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FIRST OR SECOND  
AUTHOR  
PUBLICATIONS

4. **Rajesh Mondal**, Somnath Bharadwaj, Suman Majumdar, 2016, *Statistics of the epoch of reionization (EoR) 21-cm signal – II. The evolution of the power spectrum error-covariance*, submitted to [MNRAS](#), [arXiv:1606.03874](#)
3. Abir Sarkar, **Rajesh Mondal**, Subinoy Das, Shiv.K.Sethi, Somnath Bharadwaj, David J. E. Marsh, 2016, *The effects of the small-scale DM power on the cosmological neutral hydrogen (HI) distribution at high redshifts*, [JCAP](#), **04**, 012, [arXiv:1512.03325](#)
2. **Rajesh Mondal**, Somnath Bharadwaj, Suman Majumdar, 2016, *Statistics of the epoch of reionization 21-cm signal – I. Power spectrum error-covariance*, [MNRAS](#), **456**, 1936, [arXiv:1508.00896](#)
1. **Rajesh Mondal**, Somnath Bharadwaj, Suman Majumdar, Apurba Bera, Ayan Acharyya, 2015, *The effect of non-Gaussianity on error predictions for the Epoch of Reionization (EoR) 21-cm power spectrum*, [MNRAS Letters](#), **449**, L41, [arXiv:1409.4420](#)

PUBLICATIONS AS A  
MEMBER OF CORE  
SCIENCE TEAM

2. S. Majumdar, K. Datta, R. Ghara, **R. Mondal**, T. Roy Choudhury, S. Bharadwaj, Sk. S. Ali, A. Datta, 2016, *Line of sight anisotropies in the Cosmic Dawn and EoR 21-cm power spectrum*, [Journal of Astrophysics and Astronomy](#) accepted
1. T. Roy Choudhury, K. Datta, S. Majumdar, R. Ghara, A. Paranjape, **R. Mondal**, S. Bharadwaj, S. Samui, 2016, *Modelling the 21 cm Signal From the Epoch of Reionization and Cosmic Dawn*, [Journal of Astrophysics and Astronomy](#) accepted