

# List of Publications

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## Published in refereed journals:

1. **Saikia, G.**, Shalima, P. and Gogoi, R. Modelling the diffuse dust emission around Orion. *Monthly Notices of the Royal Astronomical Society*, Volume 476, p. 4690-4696, 2018.
2. **Saikia, G.**, Shalima, P., Gogoi, R. and Pathak, A. Probing the infrared counterparts of diffuse far-ultraviolet sources in the Galaxy. *Planetary and Space Science*, Volume 149, p. 77-82, 2017.
3. **Saikia, G.**, Shalima, P., Gogoi, R. and Pathak, A. Comparison of diffuse infrared and far-ultraviolet emission in the Large Magellanic Cloud: The data. *Planetary and Space Science*, Volume 133, p. 90-96, 2016.

## In process:

1. **Saikia, G.**, Gogoi, R., Gupta, R. and Vaidya, D. B. Modelling the mid-infrared polarization in dust around young stars. Under review in *Monthly Notices of the Royal Astronomical Society*, 2018.
2. **Saikia, G.**, Thapa, V. B., Shalima, P. and Gogoi, R. Investigating the PAH content in the Small Magellanic Cloud using Correlation studies. To be submitted, 2018.
3. Borgohain, A., **Saikia, G.**, Shalima, P. and Gogoi, R. Mapping the hydrogen column densities towards N11 complex in the Large Magellanic Cloud. Under review in *Monthly Notices of the Royal Astronomical Society*, 2018.

## Conference proceedings:

1. **Saikia, G.**, Singha, J., Shalima, P., Gogoi, R. and Pathak, A. Modelling 30 Doradus in the Large Magellanic Cloud. In *The Cosmic Wheel and the Legacy of the AKARI archive: from galaxies and stars to planets and life*, pages 137-140, ISSN 2433-2232(Online), JAXA-SP-17-009E, 2018.