

## List of Publications

1. **Mridusmita Buragohain**, Amit Pathak, Peter Sarre, and Nand Kishor Gour “Interstellar dehydrogenated PAH anions: vibrational spectra”, *Monthly Notices of the Royal Astronomical Society*, 474, 4594-4602, 2018.
2. **Mridusmita Buragohain**, Amit Pathak, Peter Sarre, Takashi Onaka, and Itsuki Sakon “Mid-infrared vibrational study of deuterium-containing PAH variants”, *Planetary and Space Science*, 133, 97-106, 2016.
3. **Mridusmita Buragohain**, Amit Pathak, Peter Sarre, Takashi Onaka, and Itsuki Sakon “Theoretical study of deuterated PAHs as carriers for IR emission features in the ISM”, *Monthly Notices of the Royal Astronomical Society*, 454, 193–204, 2015.
4. **Mridusmita Buragohain** and Amit Pathak “Spectral Properties of Astrophysical Polycyclic Aromatic Hydrocarbons”, *Asian Journal of Physics*, 24(8), 1127-1142, 2015.
5. Amit Pathak, **Mridusmita Buragohain**, Mark Hammonds, and Peter Sarre “Theoretical Investigation of PAHs :Implications to Diffuse Interstellar Bands”, *The Diffuse Interstellar Bands, Proceedings IAU Symposium, IAU Symposium, Cami, J. & Cox, N. L. J., eds.*, 297, 349-352, 2014
6. **Mridusmita Buragohain**, Amit Pathak, Mark Hammonds, and Peter Sarre “Theoretical quantum chemical study of protonated-deuterated PAHs: Interstellar implications”, *AIP Conference Proceedings*, 1543, 258, 2013.

