

# PUBLICATIONS OF PROF. ANIL BHARDWAJ

## Refereed Publications:

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4. R.P. Singhal, S.C. Chakravarty, **A. Bhardwaj**, and B. Prasad, Energetic Electron Precipitation in Jupiter's Upper Atmosphere, *Journal of Geophysical Research*, 97, 18245-18256 (1992).
5. S.A. Haider, **A. Bhardwaj**, and R.P. Singhal, Role of Auroral and Photoelectrons on the Abundances of Methane and Ammonia in the Coma of Comet Halley, *Icarus*, 101, 234-243 (1993).
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14. G.R. Gladstone, J.H. Waite, Jr., D. Grodent, W.S. Lewis, F.J. Crary, R.F. Elsner, M.C. Weisskopf, T. Majeed, J.-M. Jahn, **A. Bhardwaj**, J.T. Clarke, D.T. Young, M.K. Dougherty, S.A.

- Espinosa, T.E. Cravens, A Pulsating Auroral X-Ray Hot Spot on Jupiter, *Nature*, 415, 1000-1003 (2002). {NASA DID PRESS RELEASE ON THIS PAPER}
15. R.F. Elsner, G.R. Gladstone, J.H. Waite, Jr., F.J. Crary, R.R. Howell, R.E. Johnson, P.G. Ford, A.E. Metzger, K.C. Hurley, E.D. Feigelson, G.P. Garmire, **A. Bhardwaj**, D. Grodent, T. Majeed, A.F. Tennant, M.C. Weisskopf, Discovery of Soft X-Ray Emission from Io, Europa and the Io Plasma Torus, *Astrophysical Journal*, 572, 1077-1082 (2002).
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2. **Anil Bhardwaj**, Paul Hartogh, Yasumasa Kasaba, and C.Y. Robert Wu, Advances in Planetary Sciences: AOGS 2007, *Planetary and Space Science*, 56, 1675 (2008).
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1. G. Branduardi-Raymont, S. Sciortino, K. Dennerl, M. Güdel, M. Holmstrom, D. Koutroumpa, A. Maggio, G. Micela, I. Pillitteri, J. Sanz-Forcada, A. Read, **A. Bhardwaj**, Y. Ezoë, R. Gladstone, **The Hot and Energetic Universe: Solar system and exoplanets**, [arXiv:1306.2332](http://arxiv.org/abs/1306.2332) [astro-ph.HE] (2013) <http://arxiv.org/abs/1306.2332>
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### **General/Popular Articles:**

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2. **Anil Bhardwaj**, “Discovery of mini-magnetosphere on Moon by SARA onboard Chandrayaan-1”, *PLANEX Newsletter*, vol. 2, issue 2, pp.9-10, April 2012.
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