

Refereed Publication [36]**[15 as a first/corresponding author and 21 as co-author]**

Journals:

MNRAS - Monthly Notices of Royal Astronomical Society, Oxford University Press, UK, Impact factor: 5.231 [7 papers published as a lead author]**MNRAS Letters**, Oxford University Press, impact factor: 5.42 [1 paper published as a lead author]**ApJ** - Astrophysical Journal, IoP Publishing, USA, impact factor: 5.58 [5 papers published as a lead author]**ApJ Letters**, IoP Publishing, USA, impact factor: 8.37 [1 paper published as a lead author]**Nature Astronomy LETTER:** Nature publishing group, UK; impact factor: 10.5 [1 paper published as a co-author]**Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment:** Elsevier, impact factor: 1.26 [1 paper published as a lead author]

- N. Castro Segura, C. Knigge, J. A. Acosta-Pulido, D. Altamirano, S. del Palacio, J.V. Hernandez Santisteban, **Pahari, M.**, P. Rodriguez-Gil, C. Belardi, D.A.H. Buckley, M.R. Burleigh, M. Childress, R.P. Fender, D.M. Hewitt, D.J. James, R.B. Kuhn, N.P.M. Kuin, J. Pepper, A.A. Ponomareva, M.L. Pretorius, J.E. Rodríguez, K.G. Stassun, D.R.A. Williams, P.A. Woudt 2020, MNRAS, Link: <https://arxiv.org/pdf/2008.07462.pdf> : *Bow-shocks, nova shells, disc winds and tilted discs: The Nova-Like V341 Ara Has It All*
- **Pahari, M.**, McHardy, I. M., Vincentelli, F., Cackett, E., Peterson, B. M., Goad, M., Gultekin, K., Horne, K. 2020, MNRAS, 494, 4057: Link: <https://ui.adsabs.harvard.edu/abs/2020MNRAS.494.4057P> : *Evidence for variability time-scale dependent UV/X-ray delay in Seyfert 1 AGN NGC 7469*
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- Roy, J., Agrawal, P. C., Iyer, N. K., Bhattacharya, D., Yadav, J. S., Antia, H. M., Chauhan, J. V., Choudhury, M., Dedhia, D. K., Katoch, T., Madhavani, P., Manchanda, R. K., Misra, R., **Pahari, M.**, Paul, B., and Shah, P. 2019, ApJ, 872, 33: Link: <https://ui.adsabs.harvard.edu/abs/2019ApJ...872...33R> : *LAXPC/AstroSat Study of ~1 and ~2 mHz Quasi-periodic Oscillations in the Be/X-Ray Binary 4U 0115+63 during Its 2015*

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- McHardy, I. M., Connolly, S. D., Horne, K., Cackett, E. M., Gelbord, J., Peterson, B. M., **Pahari, M.**, Gehrels, N., et al., 2018, MNRAS, 480, 2881: Link: <https://ui.adsabs.harvard.edu/abs/2018MNRAS.480.2881M> : *X-ray/UV/optical variability of NGC 4593 with Swift: reprocessing of X-rays by an extended reprocessor*
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- Gandhi, P., Bachetti, M., Dhillon, V. S., Fender, R. P., Hardy, L. K., Harrison, F. A., Littlefair, S. P., Malzac, J., Markoff, S., Marsh, T. R., Mooley, K., Stern, D., Tomsick, J. A., Walton, D. J., Casella, P., Vincentelli, F., Altamirano, D., Casares, J., Ceccobello, C., Charles, P. A., Ferrigno, C., Hynes, R. I., Knigge, C., Kuulkers, E., **Pahari, M.**, et al. 2017, Nature Astronomy, 1, 859 : Link: <https://ui.adsabs.harvard.edu/abs/2017NatAs...1..859G> : *An elevation of 0.1 light-seconds for the optical jet base in an accreting Galactic black hole system*
- **Pahari, M.**, McHardy, I. M., Mallick, L., Dewangan, G. C., and Misra, R. 2017, MNRAS, 470, 3239: Link: <https://ui.adsabs.harvard.edu/abs/2017MNRAS.470.3239P> : *Detection of the high-energy cut-off from the Seyfert 1.5 galaxy NGC 5273*
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- Kurhade, V. N., Madhwani, Pankaj, Manojkumar, T. K., Nikam, V. A., Pandya, A. S., Parmar, J. V., Pawar, D., M., **Pahari, M.**, Misra, Ranjeev, et al., 2017, ApJS, 231, 10 : Link: <https://ui.adsabs.harvard.edu/abs/2017ApJS..231...10A> : *Calibration of the Large Area X-Ray Proportional Counter (LAXPC) Instrument on board AstroSat*
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 - Verdhan Chauhan, Jai, Yadav, J. S., Misra, Ranjeev, Agrawal, P. C., Antia, H. M., **Pahari, M.**, Sridhar, Navin, et al. 2017, ApJ, 841, 41: Link: <https://ui.adsabs.harvard.edu/abs/2017ApJ...841...41V> : *AstroSat/LAXPC Detection of Millisecond Phenomena in 4U 1728-34*
 - Mallick, Labani, Dewangan, Gulab C., McHardy, I. M., & Pahari, M., 2017, MNRAS, 472, 174: Link: <https://ui.adsabs.harvard.edu/abs/2017MNRAS.472..174M> : *Energy-dependent variability of the bare Seyfert 1 galaxy Ark 120*
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Selected non-refereed Publication

- Yadav, J. S., Agrawal, P. C., Antia, H. M., Chauhan, Jai Verdhana, Dedhia, D., K., Tilak, M., P., Manchanda, R. K., Misra, R., **Pahari, M.**, et al., 2016, Space Telescopes and Instrumentation 2016: Ultraviolet to Gamma Ray :Link: <https://ui.adsabs.harvard.edu/abs/2016SPIE.9905E..1DY> : *Large Area X-ray Proportional Counter (LAXPC) instrument onboard ASTROSAT*
- **Pahari, M.**, Singh Yadav, J., Antia, H. M., and Misra, R. 2016, 41st COSPAR Scientific Assembly : Link: <https://ui.adsabs.harvard.edu/abs/2016cosp...41E1495P> : *ASTROSAT/*

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