

Pawan Kumar

Department of Physics
IIT (BHU) Varanasi U.P.
INDIA 221005

EDUCATION

PhD Research Scholar **From Jan 2019**
IIT (BHU) Varanasi
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MSc. in Physics **2018**
Department of Physics
Banaras Hindu University
Varanasi Uttar Pradesh
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BSc (Hons). **2016**
Banaras Hindu University
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TECHNICAL SKILLS

Fortran, Python, IDL and
Data analysis.

PUBLICATIONS

1. A. V. Mordvinov, B. B. Karak, D. Banerjee, E. M. Golubeva, A. L. Khlystova, A. V. Zhukova, & **P. Kumar**:

Evolution of the Sun's magnetic fields and their reversals in Cycles 21–24: A closer look, MNRAS, 510, 1331; arxiv.org/abs/2111.15585 (2022) (**Impact Factor: 5.36**)

2. **P. Kumar**, B. B. Karak & V. Vashishth:

Super-criticality of dynamo limits the memory of polar field to one cycle, The Astrophysical Journal, 913, 65; arxiv:2103.11754 (2021) (**Impact Factor: 5.75**).

3. **P. Kumar**, Nagy, M., L. Alexandre, B. B. Karak & K. Petrovay:

The polar precursor method for solar cycle prediction: comparison of predictors and their temporal range, The Astrophysical Journal 909, 87; arXiv:2101.05013 (2021) (**Impact Factor: 5.75**).

