

Academic Staff Resume

Name: Yudong Ye

Title: Post-Doctor

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Academic Qualification:

Ph.D. in Space Physics, National Space Science Center, Chinese Academy of Sciences, 2018

Bachelor in Space Physics, University of Science and Technology of China, 2010

Teaching Area

Research Area

Solar eruptions and following interplanetary disturbances

Plasma environments on Mars and Moon

Applications of machine-learning in the forecasting of solar eruptions and Earth responses

Working Experience

Research Projects

Professional Certification and Awards

Professional Society Membership

Academic Publication

Journal Articles:

Yudong Ye, Xueshang Feng. Geoeffectiveness Study of Interplanetary Coronal Mass Ejections by Support Vector Machine. *Chin. J. Space Sci.* 2019, 39 (3): 295-302.

Yudong Ye, Marianna Korsos, Robertus Erdelyi. Detailed analysis of dynamic evolution of three Active Regions at the photospheric level before flare and CME occurrence. *Adv. Space Res.* 2018, 61(2): 673-682.

Jiajia Liu, Yudong Ye, Chenlong Shen, et al. A New Tool for CME Arrival Time Prediction using Machine Learning Algorithms: CAT-PUMA. *Astrophys. J.* 2018, 855(2): 109-119.

Yudong Ye. The Twisted Coronal Mass Ejection on August 4th, 2011. *Chin. J. Space Sci.* (accepted) 2018.

Fei Lou, Yudong Ye. Statistical comparison of magnetic clouds with non-magnetic clouds in interplanetary coronal mass ejections for Solar Cycle 24. *Chin. J. Space Sci.*, 2017, 37(4): 381-394.

Books & Book Chapters:

Conference Papers: