

Ming-Xian Zhao

List of Publications by Year in descending order

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18
papers

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239
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A three-dimensional high Mach number asymmetric magnetopause model from global MHD simulation. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 5645-5666. | 2.4 | 43 |
| 2 | The IMF dependence of the magnetopause from global MHD simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3113-3125. | 2.4 | 31 |
| 3 | Support Vector Machine combined with Distance Correlation learning for Dst forecasting during intense geomagnetic storms. <i>Planetary and Space Science</i> , 2016, 120, 48-55. | 1.7 | 19 |
| 4 | Pressure balance across the magnetopause: Global MHD results. <i>Planetary and Space Science</i> , 2015, 106, 108-115. | 1.7 | 16 |
| 5 | Investigation of the possible source for the solar energetic particle event on 2017 September 10. <i>Research in Astronomy and Astrophysics</i> , 2018, 18, 074. | 1.7 | 16 |
| 6 | MHD simulation of energy transfer across magnetopause during sudden changes of the IMF orientation. <i>Planetary and Space Science</i> , 2014, 97, 50-59. | 1.7 | 14 |
| 7 | The dipole tilt angle dependence of the bow shock for southward IMF: MHD results. <i>Planetary and Space Science</i> , 2015, 106, 99-107. | 1.7 | 14 |
| 8 | Dependence of Great Geomagnetic Storm ($\Delta \text{SYM-H} \leq -200$ nT) on Associated Solar Wind Parameters. <i>Solar Physics</i> , 2021, 296, 1. | 2.5 | 11 |
| 9 | Sun-Earth connection event of super geomagnetic storm on 2001 March 31: the importance of solar wind density. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 036. | 1.7 | 11 |
| 10 | Dependence of Major Geomagnetic Storm Intensity ($\text{Dst} \leq -100$ nT) on Associated Solar Wind Parameters. <i>Solar Physics</i> , 2020, 295, 1. | 2.5 | 9 |
| 11 | Source Locations and Solar-Cycle Distribution of the Major Geomagnetic Storms ($\text{Dst} \leq -100$ nT). <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, 1-15. | 2.5 | 9 |
| 12 | Can We Estimate the Intensities of Great Geomagnetic Storms ($\text{SYM-H} \sim 200$ nT) with the Burton Equation or the O'Brien and McPherron Equation?. <i>Astrophysical Journal</i> , 2022, 928, 18. | 4.5 | 5 |
| 13 | Characteristics of source location and solar cycle distribution of the strong solar proton events ($\text{SEP} \geq 10^9 \text{ cm}^{-2}$). <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, 1-15. | 4.4 | 4 |
| 14 | What Can We Learn from the Geoeffectiveness of the Magnetic Cloud on 2012 July 15-17?. <i>Research in Astronomy and Astrophysics</i> , 2022, 22, 015002. | 1.7 | 4 |
| 15 | A study on the dynamic spectral indices for SEP events on 2000 July 14 and 2005 January 20. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 037. | 1.7 | 3 |
| 16 | Extreme space weather events caused by super active regions during solar cycles 21-24. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 130. | 1.7 | 3 |
| 17 | Statistical and Solar Cycle Distribution of Daily Flux $\geq 10^9 \text{ cm}^{-2}$ MeV Electrons Observed by GOES During 1987-2019. <i>Solar Physics</i> , 2021, 296, 1. | 2.5 | 3 |
| 18 | Properties of the Geomagnetic Storm Main Phase and the Corresponding Solar Wind Parameters on 21-22 October 1999. <i>Universe</i> , 2022, 8, 346. | 2.5 | 3 |