

Referred Journals

[92] Rapid expansion of a sigmoidal hot channel before solar eruptions

Lee, J., Kliem, B., White, S. M., Liu, C., Masuda, S.

2017 ApJ, in preparation

[91] Magnetic Structure of a Composite Solar Flare

Lee, J., White, S. M., Kliem, B., Liu, C., Masuda, S.

2017 ApJ, in review

[90] Three-minute Sunspot Oscillations Driven by Magnetic Reconnection in a Light Bridge

Donguk Song, Jongchul Chae, Hannah Kwak, Ryouhei Kano, Vasyl Yurchyshyn, Yong-Jae Moon, Eun-Kyung Lim, and Jeongwoo Lee

2017 ApJ, in print

[89] Observation of a Large-scale Quasi-circular Secondary Ribbon associated with Successive Flares and a Halo CME

Eun-Kyung Lim, Vasyl Yurchyshyn, Pankaj Kumar, Kyuhyoun Cho, Chaowei Jiang, Sujin Kim, Heesu Yang, Jongchul Chae, Kyung-Suk Cho, and Jeongwoo Lee

2017 ApJ, in print

[88] Particle Acceleration in the Sun and Beyond

Lee, J.

2017 ICRC Proceedings, in print

[87] Thermal and Nonthermal Flares Identified using Microwave and EUV Diagnostics

Lee, J., White, S. M., Jing, J., Liu, C., Masuda, S.

2017 ApJ, in print

[86] Characteristics of Solar Wind Density Depletions During Solar Cycles 23 and 24

Keunchan Park, Jeongwoo Lee, Yu Yi, Jaejin Lee, Jongdae Sohn

2017 Journal of Astronomy and Space Sciences, 34, 105

[85] Witnessing a Large-scale Slipping Magnetic Reconnection along a Dimming Channel during a Solar Flare

Jing, J., Liu, R., Cheung, M. C. M., Lee, J., Xu, Y., Liu, C., Zhu, C., & Wang, H.

2017 ApJ, 842L, 18

[84] Photospheric Origin of Three-minutes Oscillations in a Sunspot

Chae, J., Lee, J., Cho, K., Song, D., Cho, K.-S., Yurchyshyn, V.

2017 ApJ, 836, 18

[83] Investigating the Origins of Two Extreme Solar Particle Events: Proton Source Profile and Associated Electromagnetic Emissions

Kocharov, L., Pohjolainen, S., Mishev, A., Reiner, M. J., Lee, J. and 12 coauthors

2017 ApJ, 839, 79

[82] Solar Eruption and Local Magnetic Parameters

Lee, J., Liu, C., Jing, J., Chae, J.

2016 ApJ, 831L, 18

[81] Solar Multiple Eruptions from a Confined Magnetic Structure

Lee, J., Liu, C., Jing, J., Chae, J.

2016 ApJ, 829L, 1

[80] Strong Blue Asymmetry in H α Line as a Preflare Activity

Cho, Kyuhyoun; Lee, Jeongwoo; Chae, Jongchul; Wang, Haimin; Ahn, Kwangsu; Yang, Heesu; Lim, Eun-kyung; Maurya, Ram Ajor

2016 SoPh, 291, 2391

[79] Flare differentially rotates sunspot on Sun's surface

Liu, C., Xu, Y., Cao, W., Deng, N., Lee, J., Hudson, H. S., Gary, D. E., Wang, J., Jing, J., Wang, H.

2016 Nature Communications, 713104

[78] A Circular-ribbon Solar Flare Following an Asymmetric Filament Eruption

Liu, C., N. Deng, R. Liu, J. Lee, Étienne Pariat, T. Wiegelmann, Y. Liu, L. Kleint, and H. Wang

2015 The Astrophysical Journal Letters, 812, L19

[77] Characteristics of Four SPE Groups with Different Origins and Acceleration Processes

Kim, R.-S., K.-S. Cho, J. Lee, S.-C. Bong, A. D. Joshi, and Y.-D. Park

2015 J. Geophys. Res. Space Physics, 120, 7083–7093

[76] Comparison between the eruptive X2.2 flare on 2011 February 15 and confined X3.1 flare on 2014 October 24

Jing, Ju; Xu, Y.; Lee, J.; Nitta, N. V.; Liu, C.; Park, S.-H.; Wiegelmann, T.; Wang, H.

2015 Research in Astronomy and Astrophysics, 15, 1537

[75] Storm Sudden Commencements Without Interplanetary Shocks

Wooyeon Park, Jeongwoo Lee, Yu Yi, Nicholas Ssessanga, Suyeon Oh

2015 Journal of Astronomy and Space Sciences, 32, 181-187

[74] Recent Progress in Understanding Solar Magnetic Reconnection

Jeongwoo Lee

2015 Journal of Astronomy and Space Sciences, 32, 101

[73] Cycle Length Dependence of Stellar Magnetic Activity and Solar Cycle 23

Hwajin Choi, Jeongwoo Lee, Suyeon Oh, and Yu Yi

2015 ApJ, 802, 67

[72] Variations of Solar, Interplanetary, and Geomagnetic Parameters with Solar Magnetic Multipole Fields during Solar Cycles 21-24

Bogyong Kim, Jeongwoo Lee, Yu Yi, Suyeon Oh

2015 J. Adv. Space Res. 55, 401

[71] A new classification of SPEs based on multi-energy channel observations

R.-S. Kim, K.-S. Cho, J. Lee, S.-C. Bong, and Y.-D. Park

2014 J. Geophys. Res. Space Physics, 119, 9419–9429

[70] Magnetic Structure and Nonthermal Electrons in the X6.9 Flare on 2011 August 09

Jung-Eun Hwangbo, Jeongwoo Lee, Sung-Hong Park, Su-Chan Bong, Dae-Young Lee, Yeon-Han Kim, Kyung-Suk Cho, Young-Deuk Park

2014 ApJ, 796, 80

- [69] Three-Dimensional Magnetic Restructuring in Two Homologous Solar Flares in the Seismically Active NOAA AR 11283
Chang Liu, Na Deng, Jeongwoo Lee, Thomas Wiegmann, Chaowei Jiang, Brian R. Dennis, Yang Su, Alina Donea, and Haimin Wang
2014 ApJ, 795, 128.
- [68] Evolution of a Magnetic Flux Rope and its Overlying Arcade Based on Nonlinear Force-free Field Extrapolations
Ju Jing, Chang Liu, Jeongwoo Lee, Shuo Wang, Thomas Wiegmann, Yan Xu, and Haimin Wang
2014 ApJ Letters, 784, 13
- [67] Evidence for Solar Tether-cutting Magnetic Reconnection from Coronal Field Extrapolations
Chang Liu, Na Deng, Jeongwoo Lee, Thomas Wiegmann, Ronald L. Moore, and Haimin Wang
2013 ApJ, 778, 36
- [66] Quiet-time equatorial mass density distribution derived from AMPTE/CCE and GOES using the magneto-seismology technique
Kyungguk Min, Jacob Bortnik, Richard E. Denton, Kazue Takahashi, Jeongwoo Lee, and H. J. Singer
2013 J. Geophys. Res., 118, 6090
- [65] He I D3 Observations of the 1984 May 22 M6.3 Solar Flare
Chang Liu, Yan Xu, Na Deng, Jeongwoo Lee, J. Zhang, D. Prasad Choudhary, and Haimin Wang
2013 ApJ, 774, 60
- [64] Coronal Thick Target Hard X Ray Emissions and Radio Diagnostics for Density
Jeongwoo Lee, Daye Lim, G. S. Choe, Kap-Sung Kim, and Minhwan Jang
2013 ApJ, 769, 11
- [63] A novel technique for rapid L* calculation: algorithm and implementation
Kyungguk Min, Jacob Bortnik, and Jeongwoo Lee
2013 J. Geophys. Res., 118, 1912
- [62] Characteristic Dimension of Electromagnetic Ion Cyclotron Wave Activity in the Magnetosphere
Jeongwoo Lee, Kyungguk Min, and K.-S. Kim
2013 J. Geophys. Res., 118, 1651
- [61] A novel technique for rapid L* calculation using UBK coordinates
Kyungguk Min, Jacob Bortnik, and Jeongwoo Lee
2013 J. Geophys. Res., 118, 192
- [60] Evolution of Relative Magnetic Helicity and Current Helicity in NOAA Active Region 11158
Jing, Ju; Park, Sung-Hong; Liu, Chang; Lee, Jeongwoo; Wiegmann, Thomas; Xu, Yan; Deng, Na; Wang, Haimin
2012 ApJ, 752, L9
- [59] Global distribution of EMIC waves derived from THEMIS observations
Kyungguk Min, Jeongwoo Lee, Kunihiro Keika, Wen Li
2012 J. Geophys. Res., 117, 05219