

山东大学威海空间天气物理与探测研究中心历年发表论文

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2013

[062] Shi, Q. Q., Q.-G. Zong, S.Y. Fu, M.W. Dunlop, Z.Y. Pu, G.K. Parks, Y.Wei, W.H. Li, H. Zhang,M. Nowada, Y.B. Wang, W.J. Sun, T. Xiao, H. Reme,

C. Carr, A.N. Fazakerley and E. Lucek (2013), *Solar wind entry into the high-latitude terrestrial magnetosphere during geomagnetically quiet times*, Nature Communications, 4:1466 doi: 10.1038/ncomms2476.

[061] Shi, Q. Q., M. Hartinger, V. Angelopoulos, Q.-G. Zong, X.-Z. Zhou, X.-Y. Zhou, A. Kellerman, A. M. Tian, J. Weygand, S. Y. Fu, Z. Y. Pu, J. Raeder,

Y. S. Ge, Y. F. Wang, H. Zhang, and Z. H. Yao (2013), *THEMIS observations of ULF wave excitation in the nightside plasma sheet during sudden impulse events*, J. Geophys. Res., 2003, 118, doi:10.1029/2012JA017984.

[060] Chaoling TANG, Li Lu , Meng Zhou , Zhonghua Yao (2013), *THEMIS observations of electron acceleration associated with the evolution of substorm dipolarization in the near-Earth tail*, J. Geophys. Res., in press.

[059] Zhou, M., X. H. Deng, M. Ashour-Abdalla, R. J. Walker, Y. Pang, C. Tang, S. Y. Huang, M. El-Alaoui, Z.G. Yuan, and H. M. Li (2013), *Cluster observations of kinetic structures and electron acceleration within a dynamic plasma bubble*, J. Geophys. Res., doi:10.1029/2012JA018323.

[058] Hong-qiang Song, Yao Chen, D. D. Ye, G. Q. HAN, G. H. Du, G. Li, J. Zhang, Q. Hu, *A study on fast flareless CMEs*, ApJ, 2013, in press

[057] Gang Li, X. L. Kong, G. Zank, Yao Chen, *On the spectral hardening at > 300 keV in solar flares*, ApJ, 2013, 769:22 (6pp).

[056] C. L. Shen, Gang Li, X. L. Kong, J. Hu, X. D. Sun, L. Ding, Y. Chen, Y. M. Wang, *Compound twin coronal mass ejections in the 2012 May 17 GLE event*, the Astrophysical Journal, 2013, 763:114 (8pp), 2013 February 1.

[055] Yao Chen, A Review of Recent Studies on Coronal Dynamics: Streamers, Coronal Mass Ejections, and Their Interactions, Chinese Science Bulletin, 2013 (invited review), doi: 10.1007/s11434-013-5669-6.

[054] S. W. Feng, Y. Chen, X.L. Kong, Gang Li, H.Q. Song, X. S. Feng, & F. Guo, Diagnostics on the source properties of type II radio burst with spectral bumps, the Astrophysical Journal, 767:29, 2013.

[053] J. Guo & B. Li*, The electron-ion streaming instabilities driven by drift velocities of the order of electron thermal velocity in a nonmagnetized plasma, *Astrophysics and Space Science*, 已接受, 通讯作者 (2013)

[052] O. W. Roberts, X. Li*, & B. Li, Kinetic plasma turbulence in the fast solar wind measured by Cluster, *Astrophysical Journal*, 769:58(8pp), (2013) 20 May 2013

[051] B. Li, S. R. Habbal, & Y.-J. Chen, The period ratio for standing kink and sausage modes in solar structures with siphon flow. I. magnetized slabs, *Astrophysical Journal*, 767:169(15pp), (2013) 20 April 2013

[050] J. Guo, Q. Yang, G. Zhu, & B. Li*, Double layers and ion-acoustic waves with a particle-in-cell simulation, *Plasma Science & Technology*, 已接受, (2013)

[049]Deng, L.H., B. Li, Y.F. Zheng, & X.M. Cheng, Relative phase analyses of 10.7 cm solar radio flux with sunspot numbers, *New Astronomy*, 23:1-5, (2013) Feb 2013 online

2012

[048] Xia, Lidong, The source regions of the solar wind revealed by UV/EUV spectroscopic observations, *EAS Publications Series*, Volume 55, pp.191-200, 2012/12/31

[047] Tian, Hui; McIntosh, Scott W.; Xia, Lidong; He, Jiansen; Wang, Xin, What can We Learn about Solar Coronal Mass Ejections, Coronal Dimmings, and Extreme-ultraviolet Jets through Spectroscopic Observations? *The Astrophysical Journal*, Volume 748, Issue 2, article id. 106, 21 pp. (2012).

[046] Tian A. M., Q. G. Zong, T. L. Zhang, R. Nakamura, A. M. Du, W. Baumjohann, K. H. Glassmeier, and et al., Dynamics of long-period ULF waves in the plasmasheet: coordinated space and ground observations, *J. Geophys. Res.*, 117, A03211, doi:10.1029/2011JA016551.2012.

[045] Tian A M, Zong Q G, Shi Q Q. Reconstruction of morningside plasma sheet compressional ULF Pc5 wave. *Sci China Tech Sci*, 55, doi:10.1007/s11431-011-4735-z, 2012.

[044] C.L. Tang, S.Q. Song, (2012), Mirror Mode Waves Downstream of a Stream Interaction Region Forward Shock near 1 AU, *Solar Phys.*, 279:537–550, doi:10.1007/s11207-012-0015-8.

[043] C.L. Tang (2012) , A plasma flow vortex in the magnetotail and its related ionospheric signatures, *Ann. Geophys.*, 30, 537–544, doi:10.5194/angeo-30-537-2012.

[042] B. Li, Y. Chen, and L.D. Xia, What geometrical factors determine the in situ solar wind speed? *Chinese Science Bulletin*, doi:10.1007/s11434-011-4965-2, (2012)

[041] Bo Li, Xing Li and Hui Yu, Interpretation of the coronal magnetic field configuration of the Sun, *Research in Astronomy & Astrophysics*, 12(12), 2012

[040] Hong-Qiang Song, Yao Chen, Gang Li, Xiang-Liang Kong, and Shi-Wei Feng, Coalescence of Macroscopic Magnetic Islands and Electron Acceleration from STEREO Observation, *PHYSICAL REVIEW X*, 2, 021015 (2012). (pdf)

[039] X. L. Kong, Y. Chen, G. Li, S. W. Feng, H. Q. Song, F. Guo and F. R. Jiao, A Broken Solar Type II Radio Burst Induced by a Coronal Shock Propagating across the Streamer Boundary, *the Astrophysical Journal*, 750, 158 (7pp), 2012. (pdf)

[038] Shi-Wei Feng, Yao Chen, Xiang-Liang Kong, Gang Li, Hong-Qiang Song, Xue-Shang Feng and Ying Liu, Radio Signatures of Coronal-mass-ejection-Streamer Interaction and Source Diagnostics of Type II Radio Burst, *the Astrophysical Journal*, 753, 21(6pp), 2012. (pdf)

[037] Hong-Qiang Song, Xiang-Liang Kong, Yao Chen, Bo Li, Gang Li, Shi-Wei Feng, and Li-Dong Xia, A Statistical Study on the Morphlogy of Rays and Dynamics of Blobs in the Wake of Coronal Mass Ejections, *Solar Physics*, 276, 261-276, 2012. (pdf)

2011

[036] Yao Chen, Shi-Wei Feng, Bo Li, Hong-Qiang Song, Li-Dong Xia, Xiang-Liang Kong, Xing Li, *A coronal seismological study with streamer waves*, *Astrophysical Journal*, 728, 147, 2011. (pdf)

[035] Yao Chen, Shi-Wei Feng, Hong-Qiang Song, Bo Li, Xiang-Liang Kong, Li-Dong Xia, Xing Li, Gang Li, *A review on streamer waves and associated coronal seismological study*, *Journal of Shandong University (Natural Science)*, 46, 66-74, 2011.

[034] Bo Li, Li-Dong Xia, Yao Chen, *Solar winds along curved magnetic field lines*, *Astronomy and Astrophysics*, 529, id.A148, 2011. (pdf)

[033] Bo Li, Yan-Jun Chen, Xing Li, *Standing shocks in the inner slow solar wind*, *Chinese Physics Letters*, 28, 059601, 2011.

[032] Shi-Wei Feng, Yao Chen, Bo Li, Hong-Qiang Song, Xiang-Liang Kong, Li-Dong Xia, Xue-Shang Feng, *Streamer wave events observed in solar cycle 23*, *Solar Phys.*, 272, 119 - 136, 2011. (pdf)

[031] Chao-Ling Tang, *The Wave-Like Auroral Structure around Auroral Expansion Onset*, *Chinese Physics Letters*, 28, 109401, 2011.

[030] Quan-Qi Shi, Zu-Yin Pu, Sui-Yan Fu, Qiu-Gang Zong, *Different boundary layers at the high latitude magnetosphere behind the cusp*. General Assembly and Scientific Symposium, 2011 30th URSI, 2011, 978-1-4244-5117-3, 1-3, doi: 10.1109/URSIGASS.2011.6051140

[029] Quan-Qi Shi, Qiu-Gang Zong, Zu-Yin Pu, Sui-Yan Fu, M. W. Dunlop, Yong Wei, Yong-Fu. Wang, Wei-Jie Sun, Ting Xiao, *Plasma transport processes at the high latitude magnetosphere observed by cluster*. General Assembly and Scientific Symposium, 2011 30th URSI, 2011, 978-1-4244-5117-3, 1-3, doi: 10.1109/URSIGASS.2011.6051065

[028] Wei-Jie Sun, Quan-Qi Shi, Ting Xiao, *The magnetotail current sheet movement detected by Cluster*. General Assembly and Scientific Symposium, 2011 30th URSI, 2011, 978-1-4244-5117-3, 1-4, doi: 10.1109/URSIGASS.2011.6051142

[027] Ting Xiao, Quan-Qi Shi, Wei-Jie Sun, *Cluster observations of magnetic holes near the Interplanetary Current Sheets at 1AU*, General Assembly and Scientific Symposium, 2011 30th URSI, 2011, 978-1-4244-5117-3, 1-3, doi: 10.1109/URSIGASS.2011.6051143.

2010

[026] Tang, C. L., V. Angelopoulos, A. Runov, C. T. Russell, H. Frey, K. H. Glassmeier, K. H. Fornacon, and Z. Y. Li (2010), Precursor activation and

[025] Sun W. J., Q. Q. Shi, S. Y. Fu, Q.-G. Zong, Z. Y. Pu, L. Xie, T. Xiao, L. Li, Z. X. Liu, H. Reme, and E. Lucek. Statistical research on the motion properties of the magnetotail current sheet: Cluster observations. *Sci China Tech Sci*, 2010, 53: 1732–1738, doi: 10.1007/s11431-010-3153-y.

[024] Chen Y., H. Q. Song, B. Li, L. D. Xia, Z. Wu, H. Fu, & X. Li, Streamer Waves Driven by Coronal Mass Ejections, *the Astrophysical Journal*, 714: 644-651, 2010. ([pdf](#))

[023] Xiao, T., Shi, Q. Q., Zhang, T. L., Fu, S. Y., Li, L., Zong, Q. G., Pu, Z. Y., Xie, L., Sun, W. J., Liu, Z. X., Lucek, E., and Reme, H.: Cluster-C1 observations on the geometrical structure of linear magnetic holes in the solar wind at 1 AU, *Ann. Geophys.*, 28, 1695-1702, doi:10.5194/angeo-28-1695-2010, 2010.

[022] He, J. S., Marsch E., Curdt W., Tian H., Tu C. Y., Xia L.D., Kamio S., Magnetic and spectroscopic properties of supergranular-scale coronal jets and erupting loops in a polar coronal hole. *Astron. Astrophys.*, 519, A49, 2010.

[021] Liu, K. Xia L.D., Chen, Y., & Song H. Q., Statistical study on the relationship between halo CME and coronal dimming, *Science in China: E*,2010, 53 (7), 2020-2024,

[020] Li, X., Lu, Q.M., Chen, Y., Li, B., Xia, L.D., A Kinetic Alfvén Wave and the Proton Distribution Function in the Fast Solar Wind. *The Astrophysical Journal Letters*, 719(2), L190-L193, 2010.

[019] Zhang, M., Xia L. D., Tian H., and Chen Y. Signatures of transition region explosive events in hydrogen Ly β profiles. *Astronomy and Astrophysics*, 520, A37, 2010 doi: 10.1051/0004-6361 /201014240

2009

[018] Shi,Q. Q., Q.-G. Zong, H. Zhang, Z. Y. Pu, S.Y. Fu, L.Xie, Y.Chen, L. Li, L. D. Xia, Z. X. Liu, A. N. Fazakerley, H. Reme, and E. Lucek (2009), Cluster observations of the entry layer equatorward of the cusp under northward interplanetary magnetic field, *J. Geophys. Res.*, 114, A12219, doi:10.1029/2009JA014475.

[017] Tang, C. L., Z. Y. Li, V. Angelopoulos, S. B. Mende, K. H. Glassmeier, E. Donovan, C. T. Russell, and L. Lu (2009), THEMIS observations of the near-Earth plasma sheet during a substorm, *J. Geophys. Res.*, 114, A09211, doi:10.1029/2008JA013729.

[016] Shi, Q. Q., Z. Y. Pu, J. Soucek, Q.-G. Zong, S. Y. Fu, L. Xie, Y. Chen, H. Zhang, L. Li, L. D. Xia, Z. X. Liu, E. Lucek A. N. Fazakerley, and H. Reme, Spatial structures of magnetic depression in the Earth's High-altitude Cusp: Cluster multi-point Observations, *J. G. R.*, VOL. 114, A10202, doi:10.1029/2009JA014283, 2009.

[015] Hong-Qiang Song, Yao Chen, Kai Liu, Shi-Wei Feng, and Li-Dong Xia, Quasi-Periodic Releases of Streamer Blobs and Velocity Variability of the Slow Solar Wind near the Sun, *Solar Physics*, 258, 129-140, 2009.

[014] Chen, Y., Li, X., Song, H. Q., Shi, Q. Q., Feng, S. W., and Xia, L. D., Intrinsic Instability of Coronal Streamers, *the Astrophysical Journal*, 691, 1936-1942, 2009.

2008

[013] G.P. Ruan, H.Q. Zhang, 2008,“Dependency of nonlinear calibration on different models and observed lines”, *Advances in Space Research*, Volume 42, Issue 5, p. 879-887.

[012] Tian, Hui, Xia, Li-Dong, He, Jian-Sen, Tan, Bo, & Yao, Shuo, The Emission Heights of Transition Region Lines in an Equatorial Coronal Hole and the Surrounding Quiet Sun, *Chinese Journal of Astronomy and Astrophysics*, 2008.

[011] Tian, H., Tu, C.-Y., Xia, L.-D., & He, J.-S., Radiance and Doppler shift distributions across the network of the quiet Sun, *Astronomy and Astrophysics*, 2008.

[010] Tian, H., Xia, L.-D., & Li, S., Long-period oscillations in solar coronal bright points, *Astronomy and Astrophysics*, 2008.

[009] Tian, H. & Xia, L.-D. , Network oscillations at the boundary of an equatorial coronal hole, *Astronomy and Astrophysics* , 2008.

[008] Tian, H.,Marsch, E., Tu, C.-Y., Xia, L.-D., He, J.-S., Sizes of transition-region structures in coronal holes and in the quite Sun, *Astron. & Astrophys*, 2008, 482, 267-272.

2007

[007] Popescu, M.D., L.D., Xia, D. Banerjee, and J. G., Doyle, A study of a macro-spicule and a transition region explosive event in a solar coronal hole, Advances in Space Research, 40, 1021-1025, 2007.

[006] Shi, J. K., Qureshi, M. N. S., Ma, S. Z., Xia, L. D., Wang, J. S., The energy release of substorm and magnetic storm: Its present state and future improvements by KuaFu mission, Advances in Space Research, Volume 40, Issue 12, 1842-1851, 2007.

[005] Sun, S. J., Hu, Y. Q., and Y. Chen, Influence of photospheric magnetic flux distribution on coronal flux rope catastrophe, the Astrophysical Journal (letter), 654, L167-170, 2007.

[004] 彭忠, 陈耀(通讯作者), 流管几何对低速太阳风alpha粒子丰度的影响 (Zh. Peng, Yao Chen, Effect of flow tube geometry on alpha particle abundance in the slow wind), Journal of University of Science and Technology of China (中国科学技术大学学报), 37(8), 2007.

[003] Chen, Y., Y. Q. Hu, and S. J. Sun, Catastrophic eruption of magnetic flux rope in the corona and solar wind with and without magnetic reconnection, the Astrophysical Journal, 655, 1421-1427, 2007.

[002] Chen, Y., Y.Q. Hu and L.D. Xia, Two energy release processes for CMEs: MHD catastrophe and Magnetic reconnection, Advances in Space Research, Volume 40, Issue 12, 1780-1786, 2007.

[001] Tu, C.-Y., Schwenn, R., Donovan, E., Marsch, E., Wang, J.-S., Xia, L.-D., Zhang, Y.-W., KuaFu working team, Space weather explorer - the KuaFu mission, Advances in Space Research, Volume 41, Issue 1, 190-209, 2007.

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