

夏利东教授----博导

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夏利东教授

职称: 教授、博导

学历: 博研

学位: 博士

毕业院校: 本科和硕士毕业于中国科技大学, 博士毕业于德国哥廷根大学

工作经历:

1993年-1999年, 中国科技大学, 助教、讲师

1999年-2003年, 德国哥廷根大学天文台博士生(马普太阳系研究所做论文)

2003年-2004年, 德国马普太阳系研究所博士后、英国Armagh天文台博士后

2004年6月-2007年4月, 中国科技大学地球和空间科学学院, 副教授

2007年4月, 山东大学威海分校空间科学与应用物理系, 教授

研究经历:

研究方向为太阳大气物理、日地关系物理和空间探测。曾经从事电离层哨声波传播、行星际基波传播和太阳大气磁场重联的数值研究, 参加完成了多项国家自然科学基金和重点项目子课题。目前主要从事太阳紫外/极紫外光谱学观测研究, 研究重点在高速太阳风的起源和加速机制、色球和低日冕大气中的小尺度事件等, 是SOHO飞船搭载的紫外辐射光谱仪(SUMER)数据分析阶段的研究组成员, 承担国家自然科学基金面上项目和教育部新世纪优秀人才支持计划各1项。空间探测方面, 参加国家自然科学基金重点项目“‘夸父’空间天气探测计划”预研究, 担任夸父A星预研负责人; 参加国家民用航天“十一五”背景项目—“夸父计划”的预先研究, 担任综合论证阶段有效载荷论证负责人。

主要论文

- 1、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*, doi: 10.1016/j.asr.2007.04.049, 2007
- 2、Chen, Y., Y.Q. Hu and L.D. Xia, Two energy release processes for CMEs: MHD catastrophe and Magnetic reconnection, *Advances in Space Research*, doi: 10.1016/j.asr.2007.02.011, 2007
- 3、Xia L.-D., C.-Y. Tu, R. Schwenn, E. Donovan, E. Marsch, J.-S. Wang, Y.-W. Zhang, Z. Xiao, F.-S. Wei, The KuaFu Mission, *Chinese J. of Space Science*, Vol. z1, 2006
- 4、Lu, Q.M., Xia, L.D., Wang, S., Hybrid simulations of parallel and oblique electromagnetic alpha/proton instabilities in the solar wind, *JGR*, Volume 111, Issue A9, CiteID A09101, 2006
- 5、Xia, L. D., M. D. Popescu, Doyle, J. G. and Giannikakis, J., Time series study of the EUV spicules observed by SUMER/SoHO, *Astron. & Astrophys.*, 438, 1115-1122, 2005
- 6、Tu, C.-Y., Zhou, C., Marsch, E., Xia, L.-D., Zhao, L., Wang, J.-X. and Wilhelm, K., Solar Wind Origin in Coronal Funnels, *SCIENCE*, Volume 308, Issue 5721, pp.519-523, 2005
- 7、Tu, C.-Y., Zhou, C., Marsch, E., Wilhelm, K., Zhao, L., Xia, L.-D. and Wang, J.-X., Correlation Heights of the Sources of Solar Ultraviolet Emission Lines in a Quiet-Sun Region, *The Astrophysical Journal*, 624, L133-L136, 2005
- 8、Popescu, M. D., Banerjee, D., O'Shea, E., Doyle, J. G., Xia, L. D., Very long period activity at the base of solar wind streams, *Astron. & Astrophys.*, 442, 1087-1090, 2005
- 9、Doyle, J. G., Giannikakis, J., Xia, L. D. and Madjarska, M. S., Line broadening of EUV lines across the Solar limb: A spicule contribution? *Astron. & Astrophys.*, 431, L17-L20, 2005
- 10、Wiegelmann, T., Xia, L. D. and Marsch, E., Links between magnetic fields and plasma flows in a coronal hole, *Astron. & Astrophys.*, 432, L1-L4, 2005
- 11、Popescu, M. D., Doyle, J. G. and Xia, L. D., Network boundary origins of fast solar wind seen in the low transition region? *Astron. & Astrophys.*, 421, 339-348, 2004
- 12、Xia, L. D., Marsch, E. and Wilhelm, K., On the network structures in solar equatorial coronal holes. Observations of SUMER and MDI on SOHO, *Astron. & Astrophys.*, 424, 1025-1037, 2004
- 13、Marsch, E., Wiegelmann, T. and Xia, L. D., Coronal plasma flows and magnetic fields in solar active regions. Combined observations from SOHO and NSO/Kitt Peak, *Astron. & Astrophys.*, 428, 629-645, 2004
- 14、Xia, L.D., Marsch, E. and Curdt, W., On the outflow in an equatorial coronal hole, *Astron. & Astrophys.*, 399, L5-L9, 2003
- 15、Wilhelm, K., Dammasch, I. E. and Xia, L.D., Observations of ultraviolet emission lines in solar coronal holes on the disk with SUMER on SOHO, *Advances in Space Research*, 30, 517-522, 2002

- 16、 Xia, L.D. and Marsch, E., Equatorial Coronal Holes and Their Relation to High-Speed Solar Wind Streams, *SOLAR WIND TEN: Proceedings of the Tenth International Solar Wind Conference. AIP Conference Proceedings*, 679, 319-322, 2003
- 17、 Xia, L. D. and Marsch, E. and Wilhelm, K., Topological Changes of the Magnetic Network as Seen in Different UV/EUV Emission Lines, *ESA SP-547*, p.169, 2004
- 18、 Xia, L.D. and Marsch E., Observational Constraints on Ion Acceleration by Waves in Coronal Holes, *ESA SP-547*, p.387, 2004
- 19、 Xia, L. D., Popescu, M. D. and Doyle, J. G., Dynamic Properties of Solar Spicules Observed by SUMER/SOHO, *ESA SP-575*, p.362, 2004
- 20、 Popescu, M. D., Xia, L. D. and Doyle, J. G., Temporal Evolution of the Magnetic Network in Polar Coronal Holes, *ESA SP-575*, p.513, 2004
- 21、 Xia, L. D., M. D. Popescu, Chen, Y. and Doyle, J. G., On the connection between the disk and limb events observed by SOHO, *ESA SP-592*, p.575, 2005
- 22、 Liu W., Hu, Y. Q., Xia L. D. and Yang Y. L., "Disturbance of prominence caused by magnetic cancellation", *Chinese Astronomy and Astrophysics*, V. 24, Issue 3, 2000.
- 23、 Hu Y. Q., Xia L. D., Li X., Wang J. X. and Ai G. X., "Evolution of Magnetic Helicity in Magnetic Reconnection", *Solar Physics*, V.170, 283, 1997.
- 24、 Xia L. D. and Hu Y. Q., "Numerical Study of the Propagation of Interplanetary Pressure Disturbance", *J. of China University of Science and Technology*, V.27, No.3, 1997 (in Chinese).
- 25、 Hu Y. Q., Xia L. D., Li X., Wang J. X. and Ai G. X., "Helicity Conservation in Magnetic Reconnection", *Chinese Science Bulletin*, V.42, No.5, 1997.
- 26、 Hu Y. Q. and Xia L. D., "Numerical Simulation of Flare-induced Shock Waves", *Chinese J. of Space Science*, V.17, No.1, 1997 (in Chinese).
- 27、 Xia L. D. and Hu Y. Q., "Interaction between Flare-induced Shocks", *Chinese J. of Space Science*, V.17, No.1, 1997 (in Chinese).
- 28、 Hu Y. Q. and Xia L. D., "Origin of Solar Wind Stream Interfaces", *ACTA Geophysica Sinica*, V.39, No.1, 1996.
- 29、 Liu S. L., Xia L. D. and Hu X. L., "Radial Distribution of the Interplanetary Fast Shock between 0.3 and 1.0AU", *Proc. of the Third SOLTIP Symposium*, p.425, 1996.
- 30、 Xia L.D. and Wang Y.S., "A Statistical Analysis of the observations of Whistler at Sanya Area", *J. of China University of Science and Technology*, V.24, No.3, 1994 (in Chinese).

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