

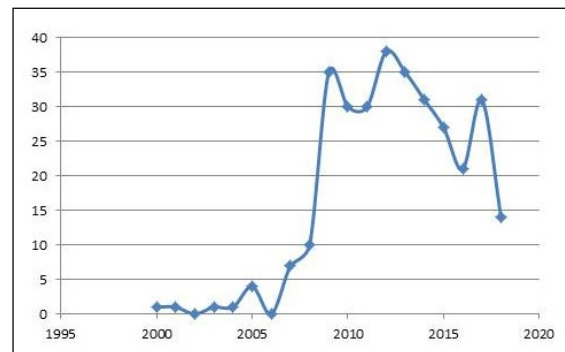
STEREO HI – Publications (June 2018)

Analysis of publications – All publications are full papers which include aspects of STEREO/HI observations/analysis or instrumentation: To date, this includes 317 papers, and 15 PhD theses from the UK and Ireland, known to the PI group (*not all users are good at reporting publication of thesis completion*). These are tabulated and plotted below.

Year	Papers (UK/Irish PhDs)
2000	1
2001	1
2002	0
2003	1
2004	1
2005	4
2006	0
2007	7
2008	10
2009	35 (1)
2010	30 (4)
2011	30 (1)
2012	38 (2)
2013	35 (4)
2014	31
2015	27 (3)
2016	21
2017	31
2018*	14
TOTAL	317

- The HI instrument paper (no 28), HI first-light paper (no. 16) and the STEREO SECCHI instrument paper (no 20) have been cited 195, 69 and 856 times, respectively.
- UK and Irish author institutes involved in publications in the last 5 years include: RAL, the universities of Aberystwyth, Birmingham, Central Lancashire, Leicester, Liverpool John Moores, Reading, Imperial College, Open University, Trinity College Dublin and UCL/MSSL – in addition to the Met Office, Airbus UK and Deimos US. Many other international universities and institutes regularly publish work exploiting the STEREO HI data, particularly from countries such as Austria, Belgium, Finland, France, Germany and the USA.
- The PhD theses from the UK and Ireland include - G. Dorrian, Aberystwyth, 2009; N. Savani, Imperial College, 2010; J. Byrne, Trinity College Dublin, 2010; D. Baker, MSSL/UCL, 2010; J. Pearson, UCLAN, 2010; A. Williams, Leicester, 2011; S. Maloney, Trinity College Dublin, 2012; V Sangaralingam, Birmingham, 2012; K. Wraight, Open University, 2013; L. Barnard, Reading, 2013; T. Conlon, Leicester, 2013; G. Whittaker, Birmingham, 2013; S.

Hardwick, Aberystwyth, 2015; D. Barnes, UCL, 2015; D. Oyuzar, Birmingham, 2015.



[* Including in press & submitted]

2000

1. NASA Solar Terrestrial Relations Observatory (STEREO) mission Heliospheric Imager
Socker, D.G., Howard, R.A., Korendyke, C.M., Simnett, G.M. & Webb, D.F.,
2000, Proc. SPIE Vol. 4139, 284.

2001

2. Design of the Heliospheric Imager for the STEREO mission
Defise, J.-M, Halain, J-P., Mazy, E., Rochus, P., Howard, R.A., Moses, J.D., Socker, D.G., Simnett, G.M.,
Webb, D.F.

2001, Proc. SPIE 4498, 63.

2003

3. Design and tests for the Heliospheric Imager of the STEREO mission

Defise, J., Halain, J., Mazy, E., Rochus, P. P., Howard, R. A., Moses, J. D., Socker, D. G., Harrison, R.A. and Simnett, G. M.

2003, in 'Innovative Telescopes and Instrumentation for Solar Astrophysics', (Eds) S.L. Keil, S.V. Avakyan, Proceedings of SPIE, Volume 4853, 12.

2004

4. Future Solar Missions

Harrison, R.A.

2004, in 'Coronal Heating', eds, R.W. Walsh, J. Ireland, D. Danesy, and B. Fleck, ESA SP-575, 13.

2005

5. The STEREO Heliospheric Imager: How to detect CMEs in the Heliosphere

Harrison, R.A., Davis, C.J. and Eyles, C.J.

2005, Adv. Space Research 36, 1512.

6. STEREO/HI – from near-Earth objects to 3D comets

Davis, C.J. and Harrison, R.A.

2005, Adv. Space Research 36, 1524.

7. Solar Encounter, Solar-B and STEREO

Harra, L.K., Culhane, J.L and Harrison, R.A. (Editors)

2005, Adv. Space Research volume 36.

8. Design and performances of the Heliospheric Imager for the STEREO mission

Mazy, E., Halain, J.-P., Defise, J.-M., Ronchain, P., Howard, R.A., Moses, J.-D., Eyles, C. and Harrison, R.

2005, Proc. SPIE 5962, 509.

2007

9. Discovery of the atomic ion tail of comet McNaught using the Heliospheric Imager on STEREO

Fulle, M., Leblanc, F., Harrison, R.A., Davis, C.J., Eyles, C.J., Halain, J.-P., Howard, R.A., Bockelee-Morvan, D., Cremonese, G. and Scarmato, T

2007, Astrophys. J. Lett. 661, L93. [Press release]

10. Magnetic coupling of the Sun-Earth system: The view from STEREO

Matthews, S.A., Culhane, J.S.

2007, Adv. Space Research 39, 1791.

11. Searching for solar clouds in interplanetary space

Harrison, R.A., Davis, C.J., Eyles, C.J., Halain, J.-P., Howard, R.A

2007, Space Research Today 168, 25.

12. First direct observation of the interaction between a comet and a Coronal Mass Ejection leading to a complete plasma tail disconnection

Vourlidas, A., Davis, C.J., Eyles, C.J., Crothers, S.R., Harrison, R.A., Howard, R.A., Moses, D.J., Socker, D.G. 2007, *Astrophys. J.* 668, L79. [Press release]

13. STEREO: Heliospheric Imager design, pre-flight and in-flight response comparison Halain, J.P., Mazy, E., Defise, J.M., Moses, J.D., Newmark, J.S., Korendyke, C.M., Eyles, C.J., Harrison, R.A. Davis, C.J., 2007, *Proc. SPIE* 6689.

14. Design, development and performance of the STEREO SECCHI CCD Cameras

Waltham, N.R., Eyles, C.J., 2007, *Proc. SPIE* 6689, 6689.

15. In-orbit verification , calibration and performance of the Heliospheric Imager on the STEREO mission

Eyles, C.J., Davis, C.J., Harrison, R.A., Waltham, N.R., Halain, J.-P., Mazy, E., Defise, J.-M., Howard, R.A., Moses, D.J., Newmark, J., Plunkett, S. 2007, *Proc. SPIE* 6689.

2008

16. First imaging of Coronal Mass Ejections in the heliosphere viewed from outside the Sun-Earth line

Harrison, R.A., Davis, C.J., Eyles, C.J., Bewsher, D., Crothers, S., Davies, J.A., Howard, R.A., Moses, D.J., Socker, D.G., Halain, J.-P., Defise, J.-M., Mazy, E., Rochus, P., Webb, D.F., Simnett, G.M. 2008, *Solar Phys.* 247, 171. [Press release]

17. SECCHI observations of the Sun's garden-hose density spiral

Sheeley, N.R., Herbst, A.D., Palatchi, C.A., Wang, Y.-M., Howard, R.A., Moses, J.D., Vourlidas, A., Newmark, J.S., Socker, D.G., Plunkett, S.P., Korendyke, C.M., Burlaga, L.F., Davila, J.M., Thompson, W.T., St Cyr, O.C., Harrison, R.A., Davis, C.J., Eyles, C.J., Halain, J.P., Wang, D., Rich, N.B., Battams, K., Esfandiari, E., Stenborg, G. 2008, *Astrophys. J.* 674, L109.

18. Heliospheric images of the solar wind at Earth

Sheeley, N.R., Herbst, A.D., Palatchi, C.A., Wang, Y.-M., Howard, R.A., Moses, J.D., Vourlidas, A., Newmark, J.S., Socker, D.G., Plunkett, S.P., Korendyke, C.M., Burlaga, L.F., Davila, J.M., Thompson, W.T., St Cyr, O.C., Harrison, R.A., Davis, C.J., Eyles, C.J., Halain, J.P., Wang, D., Rich, N.B., Battams, K., Esfandiari, E., Stenborg, G. 2008, *Astrophys. J.* 675, 853.

19. First imaging of corotating interaction regions using the STEREO spacecraft

Rouillard, A.P., Davies, J.A., Forsyth, R.J., Rees, A., Davis, C.J., Harrison, R.A., Lockwood, M., Bewsher, D., Crothers, S., Eyles, C.J., Hapgood, M.A., Perry, C.H. 2008, *Geophys. Res. Lett.* 35, L10110.

20. Sun Earth Connection Coronal and Heliospheric Investigations (SECCHI)

Howard, R.A., Moses, J.D., Vourlidas, A., Newmark, J.S., Socker, D.G., Plunkett, S.P., Korendyke, C.M., Cook, J. W., Hurley, A., Davila, J. M., Thompson, W. T., St Cyr, O.C., Mentzell, E., Mehalick, K., Lemen, J.R., Wuelser, J.P., Duncan, D.W., Tarbell, T.D., Wolfson, C.J., Moore, A., Harrison, R.A., Waltham, N.R., Lang, J., Davis, C.J., Eyles, C.J., Mapson-Menard, H., Simnett, G.M., Halain, J.-P., Defise, J.M., Mazy, E., Rochus, P., Mercier, R., Ravet, M.F., Delmotte, F., Auchere, F., Delaboudiniere, J.P., Bothmer, V., Deutsch, W., Wang, D., Rich, N., Cooper, S., Stephens, V., Maahs, G., Baugh, R., McMullin, D.
2008, Space Sci. Rev. 136, 67.

21. STEREO Space Weather and the Space Weather Beacon

Biesecker, D.A., Webb, D.F., St Cyr, O.C.,
2008, Space Sci. Rev. 136, 45.

22. Observational evidence of CMEs interacting in the inner heliosphere as inferred from MHD simulations

Lugaz, N., Manchester, W.B., Roussev, I.I., Gombosi, T.I.
2008, J. Atmosph. And Solar Terr. Phys. 70, 598.

23. The brightness of density structures at large solar elongation angles: What is being observed by STEREO/SECCHI?

Lugaz, N., Vourlidas, A., Roussev, I.I., Jacobs, C., Manchester, W.B., Cohen, O.
2008, Astrophys. J. Lett. 684, L111.

24. Simultaneous interplanetary scintillation and Heliospheric Imager observations of a coronal mass ejection,

Dorrian, G.D., Breen, A.R., Brown, D.S., Davies, J.A., Fallows, R.A., Rouillard, A.P.
2008, Geophys. Res. Lett. 35, L24104.

25. Three-dimensional reconstruction of two solar coronal mass ejections using the STEREO spacecraft

Howard, T.A. and Tappin, S.J.
2008, Solar Phys. 252, 373

2009

26. Calibrating the pointing and optical parameters of the STEREO Heliospheric Imagers

Brown, D.S., Bewsher, D., Eyles, C.J.
2009, Solar Phys. 254, 185.

27. A synoptic view of coronal mass ejection propagating through the heliosphere using the Heliospheric Imagers on the STEREO spacecraft

Davies, J.A., Harrison, R.A., Rouillard, A.P., Sheeley, N.R., Bewsher, D., Davis, C.J., Eyles, C.J., Crothers, S., Brown, D.S.,
2009, Geophys. Res. Lett, 36, L02102.

28. The Heliospheric Imagers on board the STEREO mission

Eyles, C.J., Harrison, R.A., Davis, C.J., Waltham, N.R., Shaughnessy, B.M., Mapson-Menard, H.C.A., Bewsher, D., Crothers, S.R., Davies, J.A., Rouillard, A.P., Howard, R.A., Socker, D.G., Moses, D.J., Newmark, J.S., Halain, J.-P., Defise, J.-M., Mazy, E., Rochus, P., Simnett, G.M.,
2009, Solar Phys. 254, 387.

29. Stereoscopic imaging of an Earth-impacting Solar Coronal Mass Ejection: A major milestone for the STEREO mission
Davis, C. J., Davies, J. A., Lockwood, M., Rouillard, A.P., Eyles, C. J., Harrison, R. A.,
2009, Geophys. Res. Lett. 36, L08102.
30. STEREO SECCHI and S/WAVES observations of spacecraft debris caused by micron-sized interplanetary dust impacts
St Cyr, O.C., Kaiser, M.L., Meyer-Vernet, N., Howard, R.A., Harrison, R.A., Bale, S., Thompson, W.T., Goetz, K., Wang, D., Crothers, S.,
2009, Solar Phys. 256, 475.
31. Two years of the STEREO Heliospheric Imagers – A review
Harrison, R.A., Davies, J.A., Rouillard, A.P., Davis, C.J., Eyles, C.J., Bewsher, D., Crothers, S.R., Howard, R.A., Sheeley, N.R., Vourlidas, A., Webb, D.F., Brown, D.S., Dorrian, G.
2009, Solar Phys. 256, 219.
32. Study of CME propagation in the inner heliosphere: SOHO LASCO, SMEI and STEREO HI observations of the January 2007 events
Webb, D.F., Howard, T.A., Fry, C.D., Kuchar, T.A., Odstrcil, D., Jackson, B.V., Bisi, M.M., Harrison, R.A., Morrill, J.S., Howard, R.A., Johnston, J.C.
2009, Solar Phys. 256, 239.
33. A multi-spacecraft analysis of a small scale transient entrained by solar wind streams
Rouillard, A.P., Savani, N., Davies, J.A., Lavraud, B., Forsyth, R.J., Morley, S.K., Opitz, A., Sheeley, N.R., Sauvaud, J.-A., Simunac, K.D.C., Luhmann, J.G., Galvin, A.B., Crothers, S.R., Davis, C.J., Harrison, R.A., Lockwood, M., Eyles, C.J., Bewsher, D., Brown, D.S.
2009, Solar Phys. 256, 307.
34. Coronal mass ejection: Key issues
Harrison, R.A.
2009, Proc. IAU Symp. 257, 'Universal Heliophysical Processes', eds N. Gopalswamy, D. Webb, Cambridge Univ. Press. ISSN 1743-9213, 191. [*invited review*]
35. A journey through the L4/L5 gravity wells
Harrison, R.A.
2009, Space Research Today 175, 22.
36. A solar storm observed from the Sun to Venus using the STEREO, Venus Express, and MESSENGER spacecraft
Rouillard, A.P., Davies, J.A., Forsyth, R.J., Savani, N.P., Sheeley, N.R., Thernisien, A., Zhang, T.-L., Howard, R.A., Anderson, B., Carr, C.M., Tsang, S., Lockwood, M., Davis, C.J., Harrison, R.A., Bewsher, D., Franz, M., Crothers, S.R., Eyles, C.J., Brown, D.S., Whittaker, I., Hapgood, M., Coates, A.J., Jones, G.H., Grande, M., Frahm, R.A., Winningham, J.D.
2009, J. Geophys. Res. 114, A07106.
37. Study of the 2007 April 20 CME-Comet interaction event with an MHD model

Jia, Y.D., Russell, C.T., Jian, L.K., Manchester, W.B., Cohen, O., Vourlidas, A., Hansen, K.C., Combi, M.R. and Gombosi, T.I.,
2009, *Astrophys. J.* 696, L56.

38. Solar-terrestrial simulation in the STEREO era: The 24-25 January 2007 eruptions
Lugaz, N., Vourlidas, A., Roussev, I.I., Morgan, H.
2009, *Solar Phys.* 256, 269.

39. Reconstructing the 3-D trajectories of CMEs in the inner heliosphere
Maloney, S.A., Gallagher, P.T., McAteer, R.T.J.
2009, *Solar Phys.* 256, 149.

40. Coronal and interplanetary structures associated with Type III bursts
Pick, M., Kerdraon, Auchere, F., Stenborg, G.
2009, *Solar Phys.* 256, 101.

41. The structure of streamer blobs
Sheeley, N.R., Lee, D.D.-H., Casto, K.P., Wang, Y.-M. and Rich, N.B.
2009, *Astrophys. J.* 694, 1471.

42. The impact of geometry on observations of CME brightness and propagation
Morrill, J.S., Howard, R.A., Vourlidas, A., Webb, D.F., Kunkel, V.
2009, *Solar Phys.* 259, 179.

43. Pre-CME onset fuses – Do the STEREO Heliospheric Imagers hold the clues to the CME onset process?
Harrison, R.A., Davis, C.J., Davies, J.A.
2009, *Solar Phys.* 259, 277.

44. Reconstructing the 3D morphology of the 17 May 2008 CME
Wood, B.E., Howard, R.A., Thernisien, A., Plunkett, S.P., Socker, D.G.
2009, *Solar Phys.* 259, 163.

45. Direct observation of a corotating interaction region by three spacecraft
Tappin, S.J. and Howard, T.A.
2009, *Astrophys. J.* 702, 862.

46. Three eyes on the Sun – multi-spacecraft studies of the corona and impacts on the heliosphere
Harrison, R.A., Luhmann, J., Fleck, B., St Cyr, C., Forsyth, R., (Editors)
2009, *Annales Geophysicae* 27, Special Issue

47. Deriving the radial distances of wide coronal mass ejections from elongation measurements in the heliosphere – application to CME-CME interaction
Lugaz, N., Vourlidas, A., Roussev, I.I.
2009, *Annales Geophysicae* 27, 3479.

48. An empirical reconstruction of the 2008 April 26 coronal mass ejection
Wood, B.E., Howard, R.A.
2009, *Astrophys. J.* 702, 901.

49. Comprehensive observations of a solar minimum solar coronal mass ejection with the Solar terrestrial Relations Observatory
Wood, B.E., Howard, R.A., Plunkett, S.P., Socker, D.G.
2009, *Astrophys. J.* 694, 707.
50. Interplanetary coronal mass ejections observed in the heliosphere: 1. Review of theory
Howard, T.A. and Tappin, S.J.
2009, *Space Sci. Rev.* 147, 31.
51. Interplanetary coronal mass ejections observed in the heliosphere: 2. Model and data comparison
Tappin, S.J. and Howard, T.A.
2009, *Space Sci. Rev.* 147, 55.
52. Signatures of interchange reconnection: STEREO, ACE and Hinode observations combined
Baker, D., Rouillard, A.P., van Driel-Gesztelyi, L., Demoulin, P., Harra, L.K., Lavraud, B., Davies, J.A., Opitz, A., Luhmann, J.G., Sauvaud, J.-A., Galvin, A.B.
2009, *Annales Geophysicae* 27, 3883.
53. Numerical heliospheric simulations as assisting tool for interpretation of observations by STEREO Heliospheric Imagers
Odstrcil, D., Pizzo, V.J.
2009, *Solar Phys.* 259, 297.
54. Deriving solar transient characteristics from single spacecraft STEREO/HI elongation variations: a theoretical assessment of the technique
Williams, A.O., Davies, J.A., Milan, S.E., Rouillard, A.P., Davis, C.J., Perry, C.H., Harrison, R.A.
2009, *Annales Geophysicae* 27, 4359.
55. The radial width of a Coronal Mass Ejection between 0.1 and 0.4 AU estimated from the Heliospheric Imager on STEREO
Savani, N.P., Rouillard, A.P., Davies, J.A., Owens, M.J., Forsyth, R.J., Davis, C.J., Harrison, R.A.
2009, *Annales Geophysicae* 27, 4349.
56. SMEI direct, 3D-reconstruction sky maps and volumetric analyses, and their comparison with SOHO and STEREO observations
Jackson, B.V., Hick, P.P., Buffington, A., Bisi, M.M., Clover, J.M.
2009, *Annales Geophysicae* 27, 4097.
57. An analytical model probing the internal state of coronal mass ejections based on observations of their expansions and propagations
Wang, Y., Zhang, J., Shen, C.
2009, *Journal Geophys. Res.* 114, 10104
58. Linking Remote Imagery of a Coronal Mass Ejection to Its In Situ Signatures at 1 AU
Möstl, C., Farrugia, C.J., Temmer, M., Miklenic, C., Veronig, A.M., Galvin, A.B., Leitner, M., Biernat, H.K.
2009, *Astrophysical Journal* 705, L180

59. Interplanetary coronal mass ejections observed in the heliosphere: 3. Physical implications
Howard, T.A. and Tappin, S.J.
2009, *Space Sci. Rev* 147, 89.

60. STEREO observations of interplanetary coronal mass ejections and prominence deflection during solar minimum period
Kilpua, E. K. J.; Pomoell, J.; Vourlidas, A.; Vainio, R.; Luhmann, J.; Li, Y.; Schroeder, P.; Galvin, A. B.; Simunac, K.
2009, *Ann. Geophys.* 27, 4491

2010

61. Coronal mass ejections in the heliosphere
Harrison, R.A., Davis, C.J., Bewsher, D., Davies, J.A., Eyles, C.J., Crothers, S.R.
2010, *Adv. Space Res.* 45, 1.

62. Interplanetary Scintillation Observations of Stream Interaction Regions in the Solar Wind
Bisi, M.M., Fallows, R.A., Breen, A.R., O'Neill, I.J.
2010, *Solar Physics* 261, 149

63. Intermittent release of small-scale transients in the slow solar wind: I, Remote sensing observations
Rouillard, A.P., Davies, J.A., Lavraud, B., Forsyth, R.J., Savani, N.P., Bewsher, D., Brown, D., Sheeley, N.R., Davis, C.J., Harrison, R.A., Howard, R.A., Vourlidas, A., Lockwood, M., Crothers, S.R., Eyles, C.J.,
2010, *J. Geophys. Res.* 115, A04103

64. Intermittent release of small-scale transients in the slow solar wind: II, In-situ evidence
Rouillard, A.P., Lavraud, B., Davies, J.A., Savani, N.P., Burlaga, L.F., Forsyth, R.J., Sauvaud, J.-A., Opitz, A., Lockwood, M., Luhmann, J.G., Simunac, C., Galvin, A.B., Davis, C.J., Harrison, R.A.,
2010, *J. Geophys. Res.* 115, A04104

65. The Three-Dimensional Morphology of a Corotating Interaction Region in the Inner Heliosphere
Wood, B.E., Howard, R.A., Thernisien, A., Socker, D.G.
2010, *Astrophysical Journal* 708, L89

66. Transient Structures and Stream Interaction Regions in the SolarWind: Results from EISCAT Interplanetary Scintillation, STEREO HI and *Venus Express* ASPERA-4 Measurements
Dorrian, G.D., Breen, A.R., Davies, J.A., Rouillard, A.P., Fallows, R.A., Whittaker, I.C., Brown, D.S., Harrison, R.A., Davis, C.J., Grande, M.
2010, *Solar Physics* 265, 207.

67. Reconstructing the morphology of an evolving coronal mass ejection
Wood, B.E., Howard, R.A., Socker, D.G.
2010, *Astrophys. J.* 715, 1524

68. Coronal mass ejection propagation and expansion in three-dimensional space in the heliosphere based on STEREO/SECCHI observations
Poomvises, W., Zhang, J., Olmedo, O.

2010, *Astrophys. J. Lett.* 717, L59

69. White light and in situ comparison of a forming merged interaction region,
Rouillard, A.P., Lavraud, B., Sheeley, N.R., Davies, J.A., Burlaga, L.F., Savani, N.P., Jacquy, C., Forsyth, R.J.
2010, *Astrophys. J.*, 719, 1385

70. Evolution of a coronal mass ejection and its magnetic field in interplanetary space
Kunkel, V., Chen, J.
2010, *Astrophys. J. Lett* 715, L80

71. Determining the azimuthal properties of coronal mass ejections from Multi-spacecraft remote-sensing observations with STEREO SECCHI
Lugaz, N., Hernandez-Charpak, J.N., Roussev, I.I., Davis, C.J., Vourlidas, A., Davies, J.A.
2010, *Astrophys. J.* 715, 493

72. Assessing the accuracy of CME Speed and Trajectory Estimates from STEREO Observations Through a Comparison of Independent Methods
Davis, C. J., Kennedy, J., Davies, J. A.,
2010, *Solar Physics*, 263, 209

73. Determination of the photometric calibration and large-scale flatfield of the STEREO Heliospheric Imagers: HI-1
Bewsher, D., Brown, D.S., Eyles, C.J., Kellett, B.J., White, G.J., Swinyard, B.M.
2010, *Solar Physics*, 264, 433

74. Observational evidence of a CME distortion directly attributable to a structured solar wind
Savani, N., Owens, M., Rouillard, A.P., Forsyth, R., Davies, J.A.
2010, *Astrophys. J. Lett* 714, L128

75. STRESS: STEREO transiting exoplanet and stellar survey
Sangaralingam, V., Stevens, I.R., Spreckley, S., Deboscher, J.
2010, *Proc. IAU Symp.* 264, 434

76. Geometric triangulation of imaging observations to track coronal mass ejections continuously out to 1 AU
Liu, Y., Davies, J.A., Luhmann, J.G., Bale, S.D., Lin, R.P., Vourlidas, A.
2010, *Astrophys. J. Lett.* 710, L82.

77. Activity in Geminid Parent (3200) Phaethon
Jewitt, David, Li, Jing
2010, *A. J.*, 140, 1519

78. Multi-spacecraft Observations of the 2008 January 2 CME in the Inner Heliosphere
Zhao, X. H., Feng, X. S., Xiang, C. Q., Liu, Y., Li, Z., Zhang, Y., Wu, S. T.
2010, *Astrophys. J.* 714, 1133

79. Solar Wind Speed Inferred from Cometary Plasma Tails using Observations from STEREO HI-1
Clover, John M., Jackson, Bernard V., Buffington, Andrew, Hick, P. Paul, Bisi, Mario M.

2010, *Astrophys. J.* 713, 394

80. Solar Wind Drag and the Kinematics of Interplanetary Coronal Mass Ejections

Maloney, Shane A., Gallagher, Peter T.

2010, *Astrophys. J. Lett.*, 724, L127

81. STEREO direct imaging of a Coronal Mass Ejection-driven shock to 0.5 AU

Maloney, Shane A., Gallagher, Peter T.

2010, *Astrophys. J. Lett.*, 736, L5

82. In-situ observations of a Co-rotating Interaction Region at Venus identified by IPS and STEREO

Whittaker, I.C., Dorrian, G.D., Breen, A., Grande, M., Barabash, S.

2010, *Solar Physics* 265, 197

83. A Heliospheric Imager for deep space: Lessons learned from Helios, SMEI, and STEREO

Jackson, B.V., Buffington, A., Hick, P.P., Bisi, M.M., Clover, J.M.

2010, *Solar Physics* 265, 257

84. Examining periodic Solar-Wind density structures observed in the SECCHI *Heliospheric Imagers*

Viall, N., Spence, H.E., Vourlidas, A., Howard, R.

2010, *Solar Physics* 267, 175

85. Accuracy and Limitations of Fitting and Stereoscopic Methods to Determine the Direction of Coronal Mass Ejections from Heliospheric Imagers Observations

Lugaz, N.

2010, *Solar Physics* 267, 411

86. Propagation of an Earth-directed coronal mass ejection in three dimensions

Byrne, J.P., Maloney, S.A., McAteer, R.T.J., Refojo, J.M., Gallagher, P.T.

2010, *Nature Communications*, 1, 74,

87. Tracking Streamer Blobs into the Heliosphere

Sheeley, N. R., Jr.; Rouillard, A. P.

2010, *Astrophys. J.* 715, 300

88. Sun to 1 AU propagation and evolution of a slow streamer-blowout coronal mass ejection

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