

1. Agapitov et al.: Surface waves and field line resonances: A THEMIS case study, *J. Geophys. Res.*, 114, A00C27, doi:10.1029/2008JA013553, 2009.
2. Andersson et al.: New features of electron phase space holes observed by the THEMIS mission, *Phys. Rev. Lett.*, 102, doi:10.1103/PhysRevLett.102.225004, 2009.
3. Apatenkov et al.: Radial propagation velocity of energetic particle injections according to measurements onboard the Cluster satellites, *Cosmic Res.*, 47, 22-28, doi:10.1134/S0010952509010031, 2009.
4. Artemyev et al.: Thin embedded current sheets: Cluster observations of ion kinetic structure and analytical models, *Ann. Geophys.*, 27, 4075–4087, 2009.
5. Asano et al.: Multipoint observations of plasma distributions around an X line, *AIP Conf. Proc.*, 1144, 40-43, 2009.
6. Baumjohann et al.: The Cross-Scale mission, *AIP Conf. Proc.*, 1144, 25-28, 2009.
7. Cheng et al.: THEMIS observations of consecutive bursts of Pi2 pulsations: The 20 April 2007 event, *J. Geophys. Res.*, 114, A00C19, doi:10.1029/2008JA013538, 2009.
8. Constantinescu et al.: THEMIS observations of dusk side compressional Pc 5 waves, *J. Geophys. Res.*, 114, A00C25, doi:10.1029/2008JA013519, 2009.
9. Deng et al.: Dynamics and waves near multiple magnetic null points in reconnection diffusion region, *J. Geophys. Res.*, 114, A07216, doi:10.1029/2008JA013197, 2009.
10. Despirak et al.: Development of substorm bulges during different solar wind structures, *Ann. Geophys.*, 27, 1951-1960, 2009.
11. Ergun et al.: Observations of double layers in Earth's plasma sheet, *Phys. Rev. Letters*, 102, doi: 10.1103/PhysRevLett.102.155002, 2009.
12. Erkaev et al.: MHD aspect of current sheet oscillations related to magnetic field gradients, *Ann. Geophys.*, 27, 417-425, 2009.
13. Erkaev et al.: MHD model of the flapping motions in the magnetotail current sheet, *J. Geophys. Res.*, 114, A03206, doi:10.1029/2008JA013728, 2009.
14. Hasegawa et al.: Boundary layer plasma flows from high-latitude reconnection in the summer hemisphere for northward IMF: THEMIS multi-point observations, *Geophys. Res. Lett.*, 36, L15107, doi:10.1029/2009GL039410, 2009.
15. Ivanova et al.: Inverse reconstruction technique based on time-dependent Petschek-type reconnection model: First application to THEMIS magnetotail observations, *Ann. Geophys.*, 27, 4369-4377, 2009.
16. Juusola et al.: Conjugate ionospheric equivalent currents during bursty bulk flows, *J. Geophys. Res.*, 114, A04313, doi:10.1029/2008JA013908, 2009.
17. Kasahara et al.: Spatial distributions of electromagnetic field variations and injection regions during the 20 November 2007 sawtooth event, *Ann. Geophys.*, 27, 3825–3840, 2009.
18. Keika et al.: Observations of plasma vortices in the vicinity of flow-braking: a case study, *Ann. Geophys.*, 27, 3009-3017, 2009.
19. Keika et al.: Substorm expansion triggered by a sudden impulse front propagating from the dayside magnetopause, *J. Geophys. Res.*, 114, A00C24, doi:10.1029/2008JA013445, 2009.
20. Kiehas et al.: Energy budget of the reconnection process, *J. Geophys. Res.*, 114, A08201, doi:10.1029/2008JA013987, 2009.
21. Kiehas et al.: Estimating the magnetic energy inside traveling compression regions, *Ann. Geophys.*, 27, 1969-1978, 2009.
22. Kiehas et al.: First application of a Petschek-type reconnection model with time-varying reconnection rate to THEMIS observations, *J. Geophys. Res.*, 114, A00C20, doi:10.1029/2008JA013528, 2009.
23. Kubyshkina et al.: Toward adapted time-dependent magnetospheric models: A simple approach based on tuning the standard model, *J. Geophys. Res.*, 114, A00C21, doi:10.1029/2008JA013547, 2009.

24. Ma et al.: Statistical analysis of earthward flow bursts in the inner plasma sheet during substorms, *J. Geophys. Res.*, 114, A07215, doi:10.1029/2009JA014275, 2009.
25. Mühlbachler et al.: Cluster observations showing the indication of the formation of a modified-two-stream instability in the geomagnetic tail, *Adv. Space Res.*, 43, 1588-1593, 2009.
26. Nakamura et al.: Evolution of dipolarization in the near-Earth current sheet induced by Earthward rapid flux transport, *Ann. Geophys.*, 27, 1743-1754, 2009.
27. Petrukovich et al.: Scales in a thinning plasma sheet, *AIP Conf. Proc.*, 1144, 1-4, 2009.
28. Petrukovich et al.: Tailward and earthward flow onsets observed by Cluster in a thin current sheet, *J. Geophys. Res.*, 114, A09203, doi:10.1029/2009JA014064, 2009.
29. Schwartz et al.: Cross-Scale: multi-scale coupling in space plasmas, *Exp. Astron.*, 23, 1001-1015, doi:10.1007/s10686-008-9085-x, 2009.
30. Semenov et al.: Comment on "Scaling of asymmetric magnetic reconnection: General theory and collisional simulations" [Phys. Plasmas, 14, 102114, 2007], *Phys. Plasma*, 16, 034701, 2009.
31. Sergeev et al.: Kinetic structure of the sharp injection/dipolarization front in the flow-braking region, *Geophys. Res. Lett.*, 36, L21105, doi:10.1029/2009GL040658, 2009.
32. Shi et al.: Properties of field aligned current in plasma sheet boundary layers in magnetotail: Cluster observation, *Chin. Phys. Lett.*, 26, 029401, 2009.
33. Volwerk et al.: Substorm activity in Venus's magnetotail, *Ann. Geophys.*, 27, 2321–2330, 2009.
34. Vörös et al.: Evolution of kinklike fluctuations associated with ion pickup within reconnection outflows in the Earth's magnetotail, *Phys. Plasma*, 16, 120701, doi:10.1063/1.3271410, 2009.
35. Walsh et al.: Cluster and Double Star multipoint observations of a plasma bubble, *Ann. Geophys.*, 27, 725-743, 2009.
36. Zelenyi et al.: Low frequency eigenmodes of thin anisotropic current sheets and Cluster observations, *Ann. Geophys.*, 27, 861-868, 2009.
37. Zhang, L.Q. et al.: Convective bursty flows in the near-Earth magnetotail inside 13 RE, *J. Geophys. Res.*, 114, A02202, doi:10.1029/2008JA013125, 2009.