Scientific papers 2003

Refereed papers, published

Balikhin, M. A., O. A. Pokhotelov, S. N. Walker and M. André,
Identification of low frequency waves in the vicinity of the terrestrial bow shock,

Balikhin, M. A., O. A. Pokhotelov, S. N. Walker, E. Amata, M. André, M. Dunlop and H. S. C. K. Alleyne,
Minimum variance free wave identification: Application to Cluster electric field data in the magnetosheath,

Behlke, R., M. André, S. C. Buchert, A. Vaivads, A. I. Eriksson, E. Lucek, and A. Balogh,
Multi-point electric field measurements of Short Large-Amplitude Magnetic Structures (SLAMS) at the Earth's quasi-parallel bow shock,

Boström, R.,
Kinetic and space charge control of current flow and voltage drops along magnetic flux tubes: Kinetic effects,

Darrouzet, F., W. N. Spjeldvik, J. F. Lemaire, G. Gustafsson, C. Hann and C. Dyck,
Towards statistical and empirical models of the distribution of VLF waves at high latitude from the observations of the Viking spacecraft,

Janhunen, P., A. Olsson and W.K. Peterson,
The occurrence frequency of upward ion beams in the auroral zone as a function of altitude using Polar/TIMAS and DE-1/EICS data,

Janhunen, P., A. Olsson, A. Vaivads and W.K. Peterson,
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Maksimovic, M., S. D. Bale, T. S. Horbury and M. André,

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Morooka, M., and T. Mukai,
Density as a controlling factor for seasonal and altitudinal variations of the auroral particle acceleration region,

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Olsson, A. and P. Janhunen.
Some recent developments in understanding auroral electron acceleration processes,

Vaivads, A., M. André, S. Buchert, J.-E. Wahlund, A. Fazakerley, N. Cornilleau-Wehrlin, Cluster
observations of lower hybrid turbulence at the magnetopause,

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Aikio, A.T., K. Mursala, S. Buchert, F. Forme, O. Amm, G. Marklund, M. Dunlop, D. Fontaine, A. Vaivads,
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Owen, J.A. Slavin, M. Dunlop, and M. Carter,
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Thomsen,
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**Other publications**


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Borälv, E., Substorm features in the high-latitude ionosphere and magnetosphere, Acta Universitatis Upsaliensis. Comprehensive Summaries of Uppsala Dissertations from the Faculty of Science and Technology 860. ISBN 91-554-5670-7 (PhD-thesis)


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