

List of publications

[Citations from WoS/ISI as of Feb 2017]

1978

1. W. Baumjohann, R.A. Greenwald, F. Küppers: Joint magnetometer array and radar backscatter observations of auroral currents in northern Scandinavia. *J. Geophys.*, 44, 373-383, 1978 [44]^Δ
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4. W. Baumjohann, H. Sulzbacher, T.A. Potemra: Joint magnetic observations of small-scale structures with Triad and the Scandinavian Magnetometer Array. In *Magnetospheric Study 1979*, ed. by T. Obayashi, pp. 49-52, Tokyo, 1979* [13]
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6. F. Küppers, J. Untiedt, W. Baumjohann, K. Lange, A.G. Jones: A two-dimensional magnetometer array for ground-based observations of auroral zone electric currents during the International Magnetospheric Study (IMS). *J. Geophys.*, 46, 429-450, 1979 [110]

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10. K. Brüning, W. Baumjohann, K. Wilhelm, W. Stüdemann, A. Urban, W. Ott, K. Spenner, G.L. Schmidtke, H.M. Fischer: Application of different methods for the determination of ionospheric conductivities from sounding rocket observations. *J. Geophys.*, 49, 74-81, 1981 [11]
11. K. Wilhelm, N. Klöcker, B. Theile, W. Ott, K. Spenner, R. Grabowski, H. Wolf, W. Stüdemann, G. Dehmel, H.M. Fischer, G.L. Schmidtke, W. Baumjohann, W. Riedler, A. Urban: Observations of field-aligned current sheets above discrete auroral arcs. *J. Geophys.*, 49, 128-137, 1981 [2]
12. G. Gustafsson, W. Baumjohann, I. Iversen: Multi-method observations and modelling of the three-dimensional currents associated with a very strong Ps6 event. *J. Geophys.*, 49, 138-145, 1981 [46]
13. W. Baumjohann, R. J. Pellinen, H.J. Opgenoorth, E. Nielsen: Joint two-dimensional observations of ground magnetic and ionospheric electric fields associated with auroral zone currents: Current systems associated with local auroral break-ups. *Planet. Space Sci.*, 29, 431-447, 1981 [209]
14. B. Inhester, W. Baumjohann, R.A. Greenwald, E. Nielsen: Joint two-dimensional observations of ground magnetic and ionospheric electric fields associated with auroral zone currents: 3. Auroral zone currents during the passage of a westward travelling surge. *J. Geophys.*, 49, 155-162, 1981 [123]

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26. Y. Kamide, B.-H. Ahn, S.-I. Akasofu, **W. Baumjohann**, E. Friis-Christensen, H.W. Kroehl, H. Maurer, A.D. Richmond, G. Rostoker, R.W. Spiro, J.K. Walker, A.N. Zaitsev: Global distribution of ionospheric and field-aligned currents during substorms determined using data from six IMS meridian chains: Initial results. *J. Geophys. Res.*, 87, 8228-8240, 1982 [77]
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37. A.G. Yahnin, V.A. Sergeev, R.J. Pellinen, [W. Baumjohann](#), K.U. Kaila, H. Ranta, J. Kangas, O.M. Raspopov: Substorm time sequence and microstructure on 11 November 1976. *J. Geophys.*, 53, 182-197, 1983 [41]
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