

Bibliography from ADS file: trulsen.bib
September 14, 2022

- Sato, H., Pécseli, H., Børve, S., & Trulsen, J., "Dynamic models for magneto-spheric oscillations on the minute scale", 2012AGUFMSM11C2315S ADS
- Miloch, W. J., Yaroshenko, V. V., Vladimirov, S. V., Pécseli, H. L., & Trulsen, J., "Spacecraft charging in flowing plasmas; numerical simulations", 2012JPhCS.370a2004M ADS
- Sato, H., Pécseli, H. L., & Trulsen, J., "Fluctuations in the direction of propagation of intermittent low-frequency ionospheric waves", 2012JGRA.117.3329S ADS
- Sato, H., Pécseli, H. L., & Trulsen, J. K., "Fluctuations in the Direction of Propagation of Low Frequency Ionospheric Waves", 2011ESASP.700.629S ADS
- Miloch, W. J., Rekaa, V. L., Pécseli, H. L., & Trulsen, J., "Ion acoustic double layers forming behind irradiated solid objects in streaming plasmas", 2010JPlPh.76.429M ADS
- Børve, S., Speith, R., & Trulsen, J., "Numerical Dissipation in RSPH Simulations of Astrophysical Flows with Application to Protoplanetary Disks", 2009ApJ.701.1269B ADS
- Dyrud, L., Wilson, D., Boerve, S., et al., "Plasma and electromagnetic wave simulations of meteors", 2008AdSpR.42.136D ADS
- Dyrud, L., Wilson, D., Boerve, S., et al., "Plasma and Electromagnetic Simulations of Meteor Head Echo Radar Reflections", 2008EM&P.102.383D ADS
- Daldorff, L. K. S., Pécseli, H. L., & Trulsen, J., "Nonlinearly generated plasma waves as a model for enhanced ion acoustic lines in the ionosphere", 2007GeoRL.3418101D ADS
- Omang, M., Børve, S., Christensen, S. O., & Trulsen, J., "Symmetry assumptions in SPH", 2007sphe.work.1030 ADS
- Børve, S., Speith, R., Omang, M., & Trulsen, J., "Challenges related to particle regularization in SPH", 2007sphe.work.67B ADS
- Børve, S., Omang, M., & Trulsen, J., "Multidimensional MHD Shock Tests of Regularized Smoothed Particle Hydrodynamics", 2006ApJ.652.1306B ADS
- Dyrud, L., Lee, Y., Boerve, S., Trulsen, J., & Pécseli, H., "Plasma and electromagnetic wave simulations of meteors", 2006cosp.36.160D ADS
- Pécseli, H. & Trulsen, J., "On the Possibility for Action Conservation in the Solar Cycle", 2004SoPh.222.363P ADS
- Børve, S., Omang, M., & Trulsen, J., "Two-dimensional MHD Smoothed Particle Hydrodynamics Stability Analysis", 2004ApJS.153.447B ADS
- Larsen, Y., Hanssen, A., Krane, B., Pécseli, H. L., & Trulsen, J., "Time-resolved statistical analysis of nonlinear electrostatic fluctuations in the ionospheric E region", 2002JGRA.107.1005L ADS
- Børve, S., Omang, M., & Trulsen, J., "Regularized Smoothed Particle Hydrodynamics: A New Approach to Simulating Magnetohydrodynamic Shocks", 2001ApJ.561.82B ADS
- Guio, P., Børve, S., Pécseli, H. L., & Trulsen, J., "Low frequency waves in plasmas with spatially varying electron temperature", 2000AnGeo.18.1613G ADS
- Børve, S., Omang, M., & Trulsen, J., "Smoothed Particle Hydrodynamics with Time Varying, Piecewise Constant Smoothing Length Profiles", 2000AAS.19710722B ADS
- Krane, B., Pécseli, H. L., Trulsen, J., & Primdahl, F., "Spectral properties of low-frequency electrostatic waves in the ionospheric E region", 2000JGR.10510585K ADS
- Kjus, S. H., Pécseli, H. L., Lybekk, B., et al., "Statistics of the lower hybrid wave cavities detected by the FREJA satellite", 1998JGR.10326633K ADS
- Iranpour, K., Pécseli, H. L., Trulsen, J., et al., "Propagation and dispersion of electrostatic waves in the ionospheric E region", 1997AnGeo.15.878I ADS
- Holter, O., Perraut, S., Roux, A., et al., "Structure of low-frequency oscillations at substorm breakup", 1996ESASP.389.393H ADS
- Pécseli, H. L., Iranpour, K., Holter, Ø., et al., "Lower hybrid wave cavities detected by the FREJA satellite", 1996JGR.101.5299P ADS
- Pécseli, H. L. & Trulsen, J., "Velocity correlations in two-dimensional electrostatic turbulence in low- β plasmas", 1995JPlPh.54.401P ADS
- Holter, Ø., Altman, C., Roux, A., et al., "Characterization of low frequency oscillations at substorm breakup", 1995JGR.10019109H ADS
- Hanssen, A., Pécseli, H. L., Stenflo, L., & Trulsen, J., "Nonlinear wave interactions in two-electron-temperature plasmas", 1994JPlPh.51.423H ADS
- Pécseli, H. L., Trulsen, J., Bahnsen, A., & Primdahl, F., "Propagation and nonlinear interaction of low-frequency electrostatic waves in the polar cap E region", 1993JGR.98.1603P ADS
- Iranpour, K., Pécseli, H. L., Trulsen, J., et al., "Propagation of low-frequency electrostatic waves in the ionospheric E-region.", 1993wpst.conf.181I ADS
- Pécseli, H. L. & Trulsen, J., "Velocity correlations in two-dimensional electrostatic plasma turbulence.", 1993wpst.conf.49P ADS
- Rypdal, K., Grønvoll, E., Øynes, F., et al., "Equilibrium and turbulent transport in the BLAAMANN plasma torus.", 1993wpst.conf.39R ADS
- Trulsen, J., "Plasma physics in the ionosphere. II. The ionosphere in the plasma laboratory.", 1981FFV.43.67T ADS
- Trulsen, J. & Wikan, A., "Numerical simulation of Poynting-Robertson and collisional effects in the interplanetary dust cloud", 1980A&A.91.155T ADS
- Dysthe, K. B., Mjølhus, E., & Trulsen, J., "Nonlinear mixing in the ionosphere.", 1980PhyS.21.122D ADS
- Trulsen, J. & Wikan, A., "Poynting-Robertson Effect and Collisions in the Interplanetary Dust Cloud", 1980IAUS.90.299T ADS
- Dysthe, K. B., Mjølhus, E., & Trulsen, J., "Nonlinear mixing as a plasma density probe", 1978JGR.83.1985D ADS
- Stenflo, L. & Trulsen, J., "Stimulated resonance line scattering in the ionosphere", 1978JGR.83.1154S ADS
- Dysthe, K. B., Leer, E., Trulsen, J., & Stenflo, L., "Stimulated Brillouin scattering in the ionosphere", 1977JGR.82.717D ADS
- Trulsen, J. & Bjørnå, N., "The origin and properties of thermal fluctuations in a plasma.", 1977rpap.conf.29T ADS
- Trulsen, J., "Dynamics of Interplanetary Dust and Related Topics Invited Paper", in H. Elsasser and H. Fechtig (Eds.), Interplanetary Dust and Zodiacal Light, Vol. 48, 416 1976LNP.48.416T ADS
- Trulsen, J., "Numerical Simulation of Jetstreams. II: The Two Dimensional Case", 1972Ap&SS.18.3T ADS
- Trulsen, J., "On the Rings of Saturn", 1972Ap&SS.17.330T ADS
- Trulsen, J., "Numerical simulation of jetstreams", 1972Ap&SS.17.241T ADS
- Trulsen, J., "Theory of jet streams", 1972fpp.conf.179T ADS
- Trulsen, J., "On jetstreams (formation of planetary systems)", 1972PhyNr.6.210T ADS
- Trulsen, J., "Formation of Comets in Meteor Streams", 1972IAUS.45.487T ADS
- Trulsen, J., "Cyclotron radiation in hot magnetoplasmas", 1971JPlPh.6.367T ADS
- Trulsen, J., "Towards a Theory of Jet Streams", 1971Ap&SS.12.329T ADS
- Trulsen, J., "Collisional Focusing of Particles in Space Causing Jetstreams", in T. Gehrels (Ed.), NASA Special Publication, Vol. 267, 327 1971NASSP.267.327T ADS
- Trulsen, J. & Fejer, J. A., "Radiation from a charged particle in a magnetoplasma", 1970JPlPh.4.825T ADS