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- Schrinner, M., Schmitt, D., & Hoyng, P., "Mode analysis of numerical geodynamo models", 2011PEPI..188..185S ADS
- Schrinner, M., Schmitt, D., Jiang, J., & Hoyng, P., "An efficient method for computing the eigenfunctions of the dynamo equation", 2010A&A...519A..80S ADS
- Schrinner, M., Schmitt, D., Cameron, R., & Hoyng, P., "Saturation and time dependence of geodynamo models", 2010GeoJI..182..675S ADS
- Hoyng, P., "Statistical dynamo theory: Mode excitation", 2009PhRvE..79d6320H ADS
- Kuipers, J., Hoyng, P., Wicht, J., & Barkema, G. T., "Analysis of the variability of the axial dipole moment of a numerical geodynamo model", 2009PEPI..173..228K ADS
- Brendel, K., Kuipers, J., Barkema, G. T., & Hoyng, P., "An analysis of the fluctuations of the geomagnetic dipole", 2007PEPI..162..249B ADS
- Hoyng, P.: 2006a, *Relativistic astrophysics and cosmology : a primer* 2006racp.book....H ADS
- Hoyng, P.: 2006b, *Relativistic Astrophysics and Cosmology* 2006rac..book....H ADS
- Hannen, V. M., Smit, M., Hoyng, P., Selig, A., & Schleicher, A., "End-to-end simulations for the LISA Technology Package", 2003CQGra..20S.261H ADS
- Hoyng, P., "The field, the mean and the meaning", in A. Ferriz-Mas and M. Núñez (Eds.), *Advances in Nonlinear Dynamics*, 1-36 2003and..book....1H ADS
- Ossendrijver, M. & Hoyng, P., "Solar Cycle", in P. Murdin (Ed.), *Encyclopedia of Astronomy and Astrophysics*, E1980 2002eaa..bookE19800 ADS
- Hoyng, P., Schmitt, D., & Ossendrijver, M. A. J. H., "A theoretical analysis of the observed variability of the geomagnetic dipole field", 2002PEPI..130..143H ADS
- Schmitt, D., Ossendrijver, M. A. J. H., & Hoyng, P., "Magnetic field reversals and secular variation in a bistable geodynamo model", 2001PEPI..125..119S ADS
- Hoyng, P., Ossendrijver, M. A. J. H., & Schmitt, D., "The geodynamo as a bistable oscillator", 2001GApFD..94..263H ADS
- Solanki, S. K., Fligge, M., Pulkkinen, P., & Hoyng, P., "Cyclic Evolution of Sunspots: Gleaning New Results from Old Data", 2000JApA...21..163S ADS
- Hoyng, P., "Book Review: The little book of the big bang : a cosmic primer / Copernicus, 1998/Springer, 1998", 1999SSRv...88..608H ADS
- Ossendrijver, M. A. J. H., Hoyng, P., & Schmitt, D., "The geodynamo as a bistable oscillator", 1999AGab...15..730 ADS
- Hoyng, P., "Op zoek naar de grens van het heelal.", 1998Zenit..25..340H ADS
- Hoyng, P., "Book Review: SCORe '96 / Kluwer, 1997 & 1998", 1998SSRv...85..552H ADS
- Hoyng, P., "A Model for a Thin Magnetised Disc in LMC X-3", 1998IAUS..188..379H ADS
- Catalano, S., Lanza, A. F., Brekke, P., Rottman, G. J., & Hoyng, P., "Chromospheric and Photospheric Activity of the Sun as a Star Using SOLSTICE Data", 1998ASPC...154..584C ADS
- Ossendrijver, A. J. H. & Hoyng, P., "Mean magnetic field and energy balance of Parker's surface-wave dynamo.", 1997A&A...324..3290 ADS
- in 't Zand, J., Heise, J., Hoyng, P., et al., "GRB 960720 and GRB 970111", 1997IAUC.6569...1I ADS
- Hoyng, P., "Is the Solar Cycle Timed by a Clock?", 1996SoPh..169..253H ADS
- Shore, S. N., van der Kruit, P. C., Achterberg, A., Hoyng, P., & de Jager, C., "Book reviews", 1996SSRv...78..557S ADS
- Ossendrijver, A. J. H., Hoyng, P., & Schmitt, D., "Does the sun have a memory?", 1996NAWG.1996..2470 ADS
- Schramkowski, G. P., van Niekerk, E. C. M., Hoyng, P., & Achterberg, A., "Flow and distribution of magnetic energy in accretion disks: a kinematic approach.", 1996A&A...315..638S ADS
- Ossendrijver, A. J. H. & Hoyng, P., "Stochastic and nonlinear fluctuations in a mean field dynamo.", 1996A&A...313..9590 ADS
- Ossendrijver, A. J. H., Hoyng, P., & Schmitt, D., "Stochastic excitation and memory of the solar dynamo.", 1996A&A...313..9380 ADS
- Humphreys, R. M., Kemp, S., Savonije, G., et al., "Book reviews", 1996SSRv...76..339H ADS
- Badiali, M., Catala, C., Favata, F., et al.: 1996, *STARS - Seismic Telescope for Astrophysical Research from Space. Report on the phase A study*. 1996star.book....B ADS
- Ossendrijver, A. J. H., Hoyng, P., & Schmitt, D., "Does the Sun Have a Memory?", 1996sgmf.proc..2470 ADS
- Badiali, M., Catala, C., Favata, F., et al., "STARS: Seismic Telescope for Astrophysical Research from Space", 1996ESADS...4...1B ADS
- Hoyng, P., "Solar and stellar dynamos", 1996ASPC...109...59H ADS
- Hoyng, P., Somov, B. V., & Hoyng, P., "Book Review: Lectures on solar and planetary dynamos [invited papers] / Cambridge U Press, 1995", 1995SoPh..160...61H ADS
- Frossati, G., Steel, D., de Zeeuw, T., et al.: 1995, *Grail: a proposal for a gravitational Radiation Antenna in the Netherlands*, GRAIL collaboration reports 1995grail.rept....1F ADS
- Hoyng, P. & Schutgens, N. A. J., "Dynamo spectroscopy.", 1995A&A...293..777H ADS
- Hoyng, P., Schmitt, D., & Teuben, L. J. W., "The effect of random alpha-fluctuations and the global properties of the solar magnetic field.", 1994A&A...289..265H ADS
- Schramkowski, G. P., van Niekerk, E. C. M., Hoyng, P., & Achterberg, A., "Distribution and flow of magnetic energy in an accretion disk", 1994SSRv...68..329S ADS
- Schmitt, D., Hoyng, P., & Teuben, L. J. W., "Random forcing and the mode structure of the solar magnetic field", 1994smf.conf..110S ADS
- Hoyng, P., "The solar dynamo", 1994ASIC..433..387H ADS
- Hoyng, P., "Helicity fluctuations in mean field theory: an explanation for the variability of the solar cycle?", 1993A&A...272..321H ADS
- Hoyng, P., "Can Mean Helicity Fluctuations Explain the Variability of the Solar Cycle?", 1993IAUS..157...71H ADS
- van Geffen, J. H. G. M. & Hoyng, P., "Distribution of magnetic energy in dynamos. I: The method", 1993GApFD..71..187V ADS
- Hoyng, P. & van Geffen, J. H. G. M., "Stochastic excitation of global magnetic fields by fluctuations in the mean helicity", 1993GApFD..68..203H ADS
- Appourchaux, T., Catala, C., Catalano, S., et al., "PRISMA: Probing Stars from Core to Corona", 1993ASL..183..505A ADS
- Appourchaux, T., Gough, D. O., Catala, C., et al., "Prisma - the First Space Mission to See Inside the Stars", 1993ASPC...42..411A ADS
- Hoyng, P., "Book review", 1992SoPh..137..203H ADS
- Foing, B. H. & Hoyng, P., "Book-Review - Helioseismology from Space", 1992SoPh..137..203F ADS
- Hoyng, P., "Mean Field Dynamo Theory", 1992ASIC..373...99H ADS
- Hoyng, P., "The velocity sensitivity of resonant scattering spectrometers employing a piezoelastic modulator", 1991SoPh..133..43H ADS
- van Geffen, J. H. G. M., Hoyng, P., & Zwaan, C., "Non-Steady Global Magnetic Fields in Kinematic Theory", in I. Tuominen, D. Moss, and G. Rüdiger (Eds.), *IAU Colloq. 130: The Sun and Cool Stars. Activity, Magnetism, Dynamos*, Vol. 380, 129 1991LNP...380..129V ADS
- Haubold, H. J., Snijders, M. A. J., van Rensbergen, W., et al., "Book reviews", 1990SSRv...54..187H ADS
- Hoyng, P., "Book Review: Instabilities in space and laboratory plasmas. / CUP, 1986.", 1990SSRv...54..192H ADS
- Hoyng, P., "Mechanisms for Dynamo Mode Excitation", 1990IAUS..142...45H ADS
- Hoyng, P., "Excitation of Dynamo Modes", 1990IAUS..138..359H ADS
- van Geffen, J. H. G. M. & Hoyng, P., "Turbulent transport of magnetic fields. V. Distribution of magnetic energy in a simple 2-dynamo", 1990GApFD..53..109V ADS
- Hoyng, P., "On the Sensitivity of Resonant Scattering Spectrometers for Whole-Disk Solar Velocity Oscillation Measurements", 1989ApJ...345.1088H ADS
- Hoyng, P., "Book Review: The internal solar angular velocity. / Reidel, 1987", 1989SSRv...49..438H ADS
- van Geffen, J. H. G. M. & Hoyng, P., "Turbulent transport of magnetic fields. IV - Damping of the mean field (B) in alpha-squared dynamos with alpha proportional to COS Theta", 1989A&A...213..429V ADS
- Hoyng, P., "Turbulent Transport of Magnetic Fields. III. Stochastic Excitation of Global Magnetic Modes", 1988ApJ...332..857H ADS
- Hoyng, P., "Book review", 1988SoPh..117..203H ADS
- Christensen-Dalsgaard, J., Frandsen, S., & Hoyng, P., "Book-Review - Advances in - and Asteroseismology", 1988SoPh..117..203C ADS
- Hoyng, P., "Turbulent Transport of Magnetic Fields - Part Two - the Role of Fluctuations in Kinematic Theory", 1987A&A...171..357H ADS
- Hoyng, P., "Turbulent transport of magnetic fields. I - A simple mechanical model. II - The role of fluctuations in kinematic theory", 1987A&A...171..348H ADS
- Stevens, G. A. & Hoyng, P., "Generalized Compton-Getting transformation for nonrelativistic particles.", 1986A&A...168..354S ADS
- Gough, D. O. & Hoyng, P., "Book-Review - Seismology of the Sun and the Distant Stars", 1986SSRv...44..401G ADS
- Ubbels, G. A., Hovenier, J. W., Russell, C. T., et al., "Book-Review - Localisation and Orientation in Biology and Engineering", 1986SSRv...44..393U ADS

- Martens, P. C. H., van den Oord, G. H. J., & Hoyng, P., "Observations of Steady Anomalous Magnetic Heating in Thin Current Sheets", 1985SoPh...96..253M ADS
- Nakajima, H., Dennis, B. R., Hoyng, P., et al., "Microwave and X-ray observations of delayed brightenings at sites remote from the primary flare locations", 1985ApJ...288..806N ADS
- Hoyng, P., "Kinematic dynamo theory for an arbitrary mean flow.", 1984ESASP.220...97H ADS
- Nakajima, H., Dennis, B. R., Hoyng, P., et al.: 1984a, *Microwave and X-ray observations of delayed brightenings at sites remote from the primary flare locations* 1984STIN...8433326N ADS
- Nakajima, H., Dennis, B. R., Hoyng, P., et al., "Microwave and X-ray Observations of Delayed Brightenings at Sites Remote from the Primary Flare Locations", 1984BAAS...16..524N ADS
- Harrison, R. A., Simnett, G. M., Hoyng, P., Lafleur, H., & van Beek, H. F., "Hard X-Ray Studies of the Large Coronal Feature on June 29, 1980", 1984siii...conf..287H ADS
- Simnett, G. M., Harrison, R. A., Hoyng, P., & van Beek, H. F., "Evidence for Extensive Magnetic Structures Between Two Active Regions from Studies of Flares on June 24, 1980", 1984siii...conf..273S ADS
- Christensen-Dalsgaard, J., Delache, P., Hoyng, P., et al., "Report of ESA's topical team on solar and heliospheric physics.", 1984ESASP1070...26C ADS
- Haug, E., Elwert, G., & Hoyng, P., "Analysis of the 1980 November 18 limb flare observed by the hard X-ray imaging spectrometer (HXIS)", 1984AdSpR...4g.211H ADS
- Duijveman, A. & Hoyng, P., "Imaging of Impulsive Solar Flare Phenomena", 1983SoPh...86..279D ADS
- Hoyng, P., Marsh, K. A., Zirin, H., & Dennis, B. R., "Microwave and hard X-ray imaging of a solar flare on 1980 November 5", 1983ApJ...268..865H ADS
- Harrison, R. A., Simnett, G. M., Hoyng, P., Lafleur, H., & van Beek, H. F., "The structure and evolution of a solar flare as observed in 3.5-30 keV X-rays", 1983SoPh...84..237H ADS
- Duijveman, A., Hoyng, P., & Machado, M. E., "X-Ray Imaging of Three Flares during the Impulsive Phase", 1982SoPh...81..137D ADS
- Hoyng, P., "Impulsive Acceleration and Heating in Flares", 1982Obs...102..119H ADS
- Svestka, Z., Hoyng, P., van Tend, W., et al., "Observations of a POST Flare Radio Burst in X-Rays", 1982SoPh...75..305S ADS
- Hoyng, P., Duijveman, A., Machado, M. E., et al., "Origin and Location of the Hard X-Ray Emission in a Two-Ribbon Flare", 1981ApJ...246L.155H ADS
- Duijveman, A., Hoyng, P., & Ionson, J. A., "Fast plasma heating by anomalous and inertial resistivity effects in the solar atmosphere", 1981ApJ...245..721D ADS
- Marsh, K. A., Zirin, H., Hoyng, P., & Dennis, B. R., "The Relationship Between the Microwave and Hard X-Ray Sources in a Solar Flare", 1981BAAS...13..889M ADS
- van Beek, H. F., de Jager, C., Schadee, A., et al., "The limb flare of 1980 April 30 as seen by the hard X-ray imaging spectrometer", 1981ApJ...244L.157V ADS
- Hoyng, P., Duijveman, A., Boelee, A., et al., "Hard X-ray imaging of two flares in active region 2372", 1981ApJ...244L.153H ADS
- Simnett, G. M., Boelee, A., Charlton, C. P., et al., "Solar Maximum Mission experiment: early results of the hard X-ray imaging experiment.", 1981hea...conf..255S ADS
- de Jager, C., Fryer, R., Hoyng, P., et al., "Structural development of the X-ray limb flare of 30 April 1980", 1981hea...conf..251D ADS
- Simnett, G. M., Charlton, C. P., Fryer, R., et al., "Solar Maximum Mission experiment - Early results of the hard X-ray imaging experiment", 1981AdSpR...1m.255S ADS
- Boelee, A., de Jager, C., Duijveman, A., et al., "Solar maximum mission experiment: Early results of the hard X-ray imaging experiment", 1981AdSpR...1m.255B ADS
- de Jager, C., Hoyng, P., Lafleur, H., et al., "Structural development of the X-ray limb flare of 30 April 1980", 1981AdSpR...1m.251D ADS
- Hoyng, P., Duijveman, A., van Grunsven, T. F. J., & Nicholson, D. R., "Impulsive electron acceleration to energies of tens of kT/e by Langmuir wave turbulence", 1980A&A...91...17H ADS
- van Grunsven, T. F. J., Hoyng, P., & Nicholson, D. R., "Strong Langmuir wave turbulence - Some results with selfconsistent Landau damping", 1980A&A...91...7V ADS
- Simnett, G. M., Machado, M., Harrison, R. A., et al., "A Study of the Impulsive Flares and Homologous Flares From AR2372 From April 6-13, Using Hard X-Ray Images", 1980BAAS...12S.899S ADS
- Harrison, R. A., Vanbeek, H. F., Hoyng, P., Lafleur, H., & Simnett, G. M., "Multifarious Spatial Structure in a Compact Hard X-Ray Flare", 1980BAAS...12..911H ADS
- Hoyng, P., "Recent Results from the Solar Maximum Mission: Observational, Interpretational and Theoretical Aspects", 1980BAAS...12..903H ADS
- Fryer, R. J., Hoyng, P., Lafleur, H., Simnett, G. M., & van Beek, H. V., "Hard X-Ray Images of the Continuously Active Region 2478 from June 3-6, 1980", 1980BAAS...12..892F ADS
- Švestka, Z., Van Hoven, G., Hoyng, P., & Kuperus, M., "Brief Report of Meeting - IAU/Solar Maximum Year", 1980SoPh...67..379S ADS
- van Beek, H. F., Hoyng, P., Lafleur, B., & Simnett, G. M., "The hard X-ray imaging spectrometer (HXIS).", 1980SoPh...65...39V ADS
- Ramaty, R., Paizis, C., Colgate, S. A., et al., "Energetic particles in solar flares", 1980sfs1.work...117R ADS
- Hoyng, P., Duijveman, A., van Grunsven, T. F. J., & Nicholson, D. R., "A Model for Impulsive Electron Acceleration to Energies of Tens of kT/e", 1980IAUS...91..299H ADS
- Hoyng, P., Stevens, G. A., & Melrose, D. B., "Practical use of the Legendre-expanded quasi-linear equations for anisotropic particles and Langmuir waves.", 1979ApJ...230..961H ADS
- Hoyng, P., Melrose, D. B., & Adams, J. C., "Relaxation and bremsstrahlung of thick-target electron streams: a simple application of the Legendre expansion method.", 1979ApJ...230..950H ADS
- , "Energetic particles in solar flares. Chapter 4 in the proceedings of the 2nd SKYLAB Workshop on Solar Flares", 1978epsf.proc...R ADS
- Nicholson, D. R., Goldman, M. V., Hoyng, P., & Weatherall, J. C., "Nonlinear Langmuir waves during type III solar radio bursts.", 1978ApJ...223..605N ADS
- Hoyng, P., Knight, J. W., & Spicer, D. S., "Diagnostics of solar flare hard X-ray sources.", 1978SoPh...58..139H ADS
- Hoyng, P. & Melrose, D. B., "Legendre expansion of the quasi-linear equations for anisotropic particles and Langmuir waves.", 1977ApJ...218..866H ADS
- Reijnen, G. C. M., Ness, N. F., Kliore, A. J., et al., "Book reviews", 1977SSRv...20..677R ADS
- Böhme, A., Fuerstenberg, F., Hildebrandt, J., et al., "A two-component model of impulsive microwave burst emission consistent with soft and hard X rays.", 1977SoPh...53..139B ADS
- Reijnen, G. C. M., Kleczek, J., Millman, P. M., et al., "Book reviews", 1977SSRv...20..235R ADS
- Hoyng, P. & Stevens, G. A., "Radiation from a source in a cold magnetoactive plasma, re-examined. Application to cyclotron and multipole radiation", 1977PhFl...20..520H ADS
- Hoyng, P., "On the Nature of Impulsive Electron Acceleration in Solar Hard X-ray Flares. II. A Theory", 1977A&A...55..31H ADS
- Hoyng, P., "On the nature of impulsive electron acceleration in solar hard X-ray flares. I. Inferences from observations.", 1977A&A...55..23H ADS
- Hoyng, P., Brown, J. C., & van Beek, H. F., "High time resolution analysis of solar hard X-ray flares observed on board the ESRO TD-1A satellite.", 1976SoPh...48..197H ADS
- Hoyng, P., "An Error Analysis of Power Spectra", 1976A&A...47..449H ADS
- Brown, J. C. & Hoyng, P., "Betatron acceleration in a large solar hard X-ray burst.", 1975ApJ...200..734B ADS
- Hoyng, P., "Studies on hard X-ray emission from solar flares and on cyclotron radiation from a cold magnetoplasma.", 1975UtrOv.311...H ADS
- Hoyng, P.: 1975b, "Studies on hard X-ray emission from solar flares and on cyclotron radiation from a cold magnetoplasma", Ph.D. thesis, - 1975PhDT.....1H ADS
- van Beek, H. F., Hoyng, P., de Jager, C., & Stevens, G. A., "Hard X-rays from the sun.", 1975NTNA...41..101V ADS
- Hoyng, P., Brown, J. C., Stevens, G., & van Beek, H. F., "High time resolution analysis of solar flares observed on the ESRO TD-1A satellite.", 1975IAUS...68R.233H ADS
- Hoyng, P., Brown, J. C., Stevens, G., & van Beek, H. F., "High time resolution analysis of solar flares observed on the ESRO TD-1A satellite.", 1975IAUS...68Q.233H ADS
- Hoyng, P., Brown, J. C., Stevens, G., & van Beek, H. F., "High Time Resolution Analysis of Solar Flares Observed on the ESRO Td-1a Satellite", 1975IAUS...68..233H ADS
- Rutten, R. J., Hoyng, P., & de Jager, C., "On the Determination of the Photospheric Velocity Distribution from Profiles of Weak Fraunhofer Lines", 1974SoPh...38..321R ADS
- Hoyng, P. & Stevens, G. A., "On the Formation and Unfolding of Pulse Height Distributions", 1974Ap&SS..27..307H ADS
- Hoyng, P. & Stevens, G. A., "Interpretation of a Hard Solar X-Ray Burst", 1973sari.conf...97H ADS