

SELECTED KEYWORDS FOR ANNALES GEOPHYSICAE

ATMOSPHERIC COMPOSITION AND STRUCTURE

- 0305 Aerosols and particles
- 0310 Airglow and aurora
- 0315 Biosphere-atmosphere interactions
- 0320 Cloud physics and chemistry
- 0325 Evolution of the atmosphere
- 0330 Geochemical cycles
- 0335 Ion chemistry of the atmosphere
- 0340 Middle atmosphere – composition and chemistry
- 0345 Pollution-urban and regional
- 0350 Pressure, density, and temperature
- 0355 Thermosphere-composition and chemistry
- 0360 Transmission and scattering of radiation
- 0365 Troposphere-composition and chemistry
- 0370 Volcanic effects
- 0394 Instruments and techniques
- 0399 General or miscellaneous

ELECTROMAGNETICS

- 0604 Antenna arrays
- 0609 Antennas
- 0614 Biological effects
- 0619 Electromagnetic theory
- 0624 Guided waves
- 0629 Inverse scattering
- 0634 Measurement and standards
- 0639 Nonlinear electromagnetics
- 0644 Numerical methods
- 0649 Optics
- 0654 Plasmas
- 0659 Random media and rough surfaces
- 0664 Reflectors and feeds
- 0669 Scattering and diffraction
- 0674 Signal processing and adaptive antennas
- 0679 Singularity expansion method
- 0684 Transient and time domain
- 0689 Wave propagation
- 0694 Instrumentation and techniques
- 0699 General or miscellaneous

GEOMAGNETISM AND PALEOMAGNETISM

- 1505 Biomagnetism
- 1510 Dynamo theories
- 1515 Geomagnetic induction
- 1520 Paleomagnetic secular variation

- 1525 Paleomagnetism applied to tectonics
- 1530 Rapid time variations
- 1535 Reversals (process, time scale, magnetostratigraphy)
- 1540 Rock and mineral magnetism
- 1545 Spatial variations (all harmonics and anomalies)
- 1550 Spatial variations attributed to sea floor spreading
- 1555 Time variations, diurnal to secular
- 1560 Time variations, secular and long term
- 1594 Instruments and technique.
- 1599 General or miscellaneous

HISTORY OF GEOPHYSICS

- 1704 Atmospheric sciences
- 1709 Geodesy
- 1714 Geomagnetism and paleomagnetism
- 1719 Hydrology
- 1724 Ocean sciences
- 1729 Planetology
- 1734 Seismology
- 1739 Solar-planetary relationships
- 1744 Tectonophysics
- 1749 Volcanology, geochemistry, and petrology
- 1794 Instruments and techniques
- 1799 General or miscellaneous

HYDROLOGY

- 1803 Anthropogenic effects
- 1806 Chemistry of fresh water
- 1809 Desertification
- 1812 Drought
- 1815 Erosion and sedimentation
- 1818 Evapotranspiration
- 1821 Floods
- 1824 Geomorphology
- 1827 Glaciology
- 1830 Groundwater
- 1833 Hydroclimatology
- 1836 Hydrologic budget
- 1839 Infiltration
- 1842 Irrigation
- 1845 Limnology
- 1848 Networks
- 1851 Plant ecology
- 1854 Precipitation
- 1857 Reservoirs
- 1860 Runoff and streamflow

- 1863 Snow and ice
- 1866 Soil moisture
- 1869 Stochastic processes
- 1872 Transport
- 1875 Water balance
- 1878 Water-energy interactions
- 1881 Water quality
- 1884 Water supply
- 1894 Instruments and techniques
- 1899 General or miscellaneous

INTERPLANETARY PHYSICS

- 2104 Cosmic rays
- 2109 Discontinuities
- 2114 Energetic particles
- 2119 Flare and stream dynamics
- 2124 Heliopause and solar wind termination
- 2129 Interplanetary dust
- 2134 Interplanetary magnetic fields
- 2139 Interplanetary shocks
- 2144 Interstellar gas
- 2149 MHD waves and turbulence
- 2154 Planetary bow shocks
- 2159 Plasma waves and turbulence
- 2164 Solar wind plasma
- 2169 Sources of the solar wind
- 2194 Instruments and techniques
- 2199 General or miscellaneous

IONOSPHERE

- 2403 Active experiments
- 2407 Auroral ionosphere
- 2411 Electric fields and currents
- 2415 Equatorial ionosphere
- 2419 Ion chemistry and composition
- 2423 Ionization mechanisms
- 2427 Ionosphere-atmosphere interactions
- 2431 Ionosphere-magnetosphere interactions
- 2435 Ionospheric disturbances
- 2439 Ionospheric irregularities
- 2443 Mid-latitude ionosphere
- 2447 Modeling and forecasting
- 2451 Particle acceleration
- 2455 Particle precipitation
- 2459 Planetary ionospheres
- 2463 Plasma convection

2467 Plasma temperature and density
2471 Plasma waves and instabilities
2475 Polar ionosphere
2479 Solar radiation and cosmic ray effects
2483 Wave-particle interactions
2487 Wave propagation
2494 Instruments and techniques
2499 General or miscellaneous

MAGNETOSPHERIC PHYSICS

2704 Auroral phenomena
2708 Current systems
2712 Electric fields
2716 Energetic particles, precipitating
2720 Energetic particles, trapped
2724 Magnetopause, cusp, and boundary layers
2728 Magnetosheath
2732 Magnetosphere interactions with satellites and rings
2736 Magnetosphere-ionosphere interactions
2740 Magnetospheric configuration and dynamics
2744 Magnetotail
2748 Magnetotail boundary layers
2752 MHD waves and instabilities
2756 Planetary magnetospheres
2760 Plasma convection
2764 Plasma sheet
2768 Plasmasphere
2772 Plasma waves and instabilities
2776 Polar cap phenomena
2780 Solar wind interactions with unmagnetized bodies
2784 Solar wind-magnetosphere interactions
2788 Storms and substorms
2794 Instruments and techniques
2799 General or miscellaneous

METEOROLOGY AND ATMOSPHERIC DYNAMICS

3304 Atmospheric electricity
3309 Climatology
3314 Convective processes
3319 General circulation
3324 Lightning
3329 Mesoscale meteorology
3334 Middle atmosphere dynamics
3339 Ocean-atmosphere interactions
3344 Paleoclimatology
3349 Polar meteorology
3354 Precipitation
3359 Radiative processes
3364 Synoptic-scale meteorology
3369 Thermospheric dynamics

3374 Tropical meteorology
3379 Turbulence
3384 Waves and tides
3394 Instruments and techniques
3399 General or miscellaneous

RADIO SCIENCE

6904 Atmospheric propagation
6909 Electromagnetic metrology
6914 Electromagnetic noise and interference
6919 Electro-optics
6924 Interferometry
6929 Ionospheric physics
6934 Ionospheric propagation
6939 Magnetospheric physics
6944 Nonlinear phenomena
6949 Radar astronomy
6954 Radio astronomy
6959 Radio oceanography
6964 Radio wave propagation
6969 Remote sensing
6974 Signal processing
6979 Space and satellite communication
6984 Waves in plasma
6994 Instruments and techniques
6999 General or miscellaneous

SOLAR PHYSICS, ASTROPHYSICS, AND ASTRONOMY

7504 Celestial mechanics
7509 Corona and transition region
7514 Energetic particles
7519 Flares and mass ejections
7524 Magnetic fields
7529 Photosphere and chromosphere
7534 Radio emissions
7539 Stellar astronomy
7544 Stellar interiors and dynamo theory
7549 Ultraviolet emissions
7554 X rays and gamma rays
7594 Instruments and techniques
7599 General or miscellaneous

SPACE PLASMA PHYSICS

7803 Active perturbation experiments
7807 Charged particle motion and acceleration
7811 Discontinuities
7815 Electrostatic structures
7819 Experimental and mathematical techniques

7823 Ionization processes
7827 Kinetic and MHD theory
7831 Laboratory studies
7835 Magnetic reconnection
7839 Nonlinear phenomena
7843 Numerical simulation studies
7847 Radiation processes
7851 Shock waves
7855 Spacecraft sheaths, wakes, charging
7859 Transport processes
7863 Turbulence
7867 Wave-particle interactions
7871 Waves and instabilities
7875 Wave-wave interactions
7894 Instruments and techniques
7899 General or miscellaneous

GENERAL OR MISCELLANEOUS

9805 Instruments useful in three or more fields
9810 New fields (not classifiable under other headings)
9815 Notices and announcements
9820 Techniques applicable in three or more fields
9900 Corrections