INDEX OF AUTHORS

ACOSTA, A V	Landsat TM image maps of the Shirase and Siple Coast ice streams, West Antarctica	407
AGETA, Y	Surface mass balance in east Dronning Maud Land, Antarctica, observed by Japanese Antarctic Research Expeditions	242
ALLEY, RB	Ice Stream C, Antarctica, sticky spots detected by micro-earthquake monitoring	183
ALLEY, RB	A water-piracy hypothesis for the stagnation of Ice Stream C, Antarctica	187
ALLISON, I	Accumulation variation in eastern Kemp Land, Antarctica	202
AŁLISON, I	Seasonal changes of sea-ice characteristics off East Antarctica	195
ANANDAKRISHNAN, S	Ice Stream C, Antarctica, sticky spots detected by micro-earthquake monitoring	183
ANANDAKRISHNAN, S	A water-piracy hypothesis for the stagnation of Ice Stream C, Antarctica	187
ATRE, SR	Indication of a dilatant bed near Downstream B Camp, Ice Stream B, Antarctica	177
BAMBER, J L	A comparison of satellite-altimetry and ice-thickness measurements of the Ross Ice Shelf, Antarctica	357
BAMBER, J L	A digital elevation model of the Antarctic ice sheet derived from ERS-1 altimeter data and comparison with terrestrial measurements	48
BELLISIME, LB	Landsat TM image maps of the Shirase and Siple Coast ice streams, West Antarctica	407
BENTLEY, CR	Analysis of satellite radar-altimeter return wave forms over the East Antarctic ice sheet	137
BENTLEY, CR	ε axes from radar depolarization experiments at Upstream B Camp, Antarctica, in 1991–92	169
BENTLEY, CR	A comparison of satellite-altimetry and ice-thickness measurements of the Ross Ice Shelf, Antarctica	357
BENTLEY, CR	Electrical resistivity measurements on Ice Stream B, Antarctica	129
BENTLEY, CR	High-resolution radar on Ice Stream B2, Antarctica: measurements of electromagnetic wave speed in firm and strain history from buried crevasses	153
BENTLEY, CR	Ice thickness, bed topography and basal-reflection strengths from radar sounding. Upstream B. West Antarctica	148
BENTLEY, CR	Indication of a dilatant bed near Downstream B Camp, Ice Stream B, Antarctica	177
BENTLEY, CR	A water-piracy hypothesis for the stagnation of Ice Stream C, Antarctica	187
BINDSCHADLER, RA	Detailed elevation map of Ice Stream C, Antarctica, using satellite imagery and airborne radar	327
BINDSCHADLER, RA	Development of enhanced ice flow at the southern margin of Ice Stream D, Antarctica	313
BINDSCHADLER, RA	Landsat TM image maps of the Shirase and Siple Coast ice streams, West Antarctica	407
BINDSCHADLER, RA	Studies of the grounding-line location on Ice Streams D and E, Antarctica	39
BINDSCHADLER, RA	Surface-velocity field of the northern Larsen Ice Shelf, Antarctica	319
BINTANJA, R	Local climate, circulation and surface-energy balance of an Antarctic blue-ice area	160
BLINDOW, N	The central part of the Filchner-Ronne Ice Shelf, Antarctica: internal structures revealed by 40 MHz monopulse RES	365
BLINDOW, N	Reconnaissance of chemical and isotopic firn properties on top of Berkner Island, Antarctica	307
BLINOV, K V	Vostok (Antarctica) climate record time-scale deduced from the analysis of a borehole temperature profile	207
BOWELL, J-A	Landsat TM image maps of the Shirase and Siple Coast ice streams, West Antarctica	407
BUDD, WF	Modelling the Antarctic ice-sheet changes through time	291
CASASSA, G	Decay of surface topography on the Ross Ice Shelf, Antarctica	249
CASTELNAU, O	Simulations of anisotropy and fabric development in polar ices	277
CHINN, TJ	Glacier disequilibrium in the Convoy Range, Transantarctic Mountains, Antarctica	269
CIAIS, P	Holocene temperature variations inferred from six Antarctic ice cores	427
CLARKE, TS	High-resolution radar on Ice Stream B2, Antarctica: measurements of electromagnetic wave speed in firn and strain history from buried crevasses	153
CLAUSEN, HB	Electrical conductivity method (ECM) stratigraphic dating of the Byrd Station ice core, Antarctica	115
CLAUSEN, HB	An empirical relation betweeen overburden pressure and firn density	87

COUTTS, B	Modelling the Antarctic ice-sheet changes through time	291
DAI, J	Climate since AD 1510 on Dyer Plateau, Amarctic Peninsula: evidence for recent climate change	420
DAMM, V	Morphology and late Cenozoic (<5 Ma) glacial history of the area between David and Mawson Glaciers, Victoria Land, Antarctica	5.5
DAVIS. ME	Climate since AD 1510 on Dyer Plateau, Antarctic Peninsula: evidence for recent climate change	420
DETERMANN, J	Melting and freezing beneath ice shelves: implications from a three-dimensional ocean-circulation model	413
DOAKE, CSM	Sea-bed depths at the mouth of Rutford Ice Stream, Antarctica	353
DOAKE, CSM	Validating and improving elevation data of a satellite-image map of Filchner–Ronne Ice Shelf, Antarctica, with results from ERS-1	347
DOWDESWELL, J A	Flow regime of the Lambert Glacier Amery Ice Shelf system, Antarctica: structural evidence from Landsat imagery	401
DUVAL, P	Effects of temperature and pressure on the transformation rate from air bubbles to air-hydrate crystals in ice sheets	143
DUVAL, P	Simulations of anisotropy and fabric development in polar ices	277
ECHELMEYER, KA	Development of enhanced ice flow at the southern margin of Ice Stream D, Antarctica	313
ENOMOTO, H	Temperature structure and characteristics appearing on SSM/I images of the Cosmonaut Sea, Antarctica	298
FAHNESTOCK, MA	Development of enhanced ice flow at the southern margin of Ice Stream D, Antarctica	313
FAHNESTOCK, MA	Surface-velocity field of the northern Larsen Ice Shelf, Antarctica	319
FERRIGNO, J G	Landsat TM image maps of the Shirase and Siple Coast ice streams, West Antarctica	407
FERRIGNO, J G	Velocities of the Smith Glacier ice tongue and Dotson Ice Shelf, Walgreen Coast, Marie Byrd Land	101
FILY, M	Temporal variations of microwave brightness temperatures over Antarctica	19
FREZZOTTI, M	20th century behaviour of Drygalski Ice Tongue, Ross Sea, Antarctica	397
Г СЈП, Ү	Studies on microparticles contained in medium-depth ice cores retrieved from east Dronning Maud Land, Antarctica	73
Г ЕЈП. Ү	Surface mass balance in east Dronning Maud Land, Antarctica, observed by Japanese Antarctic Research Expeditions	242
FUJITA, S	Causes and nature of ice-sheet radio-echo internal reflections estimated from the dielectric properties of ice	80
GERDES, R	Melting and freezing beneath ice shelves: implications from a three-dimensional ocean-circulation model	413
GOODWIN, LD	Accumulation variation in eastern Kemp Land, Antarctica	202
GOVONI. J W	An 80 year record of retreat of the Koettlitz Ice Tongue, McMurdo Sound, Antarctica	237
GOW, AJ	An 80 year record of retreat of the Koettlitz Ice Tongue, McMurdo Sound, Antarctica	237
GOW, AJ	Post-drilling recrystallization of the Byrd Station deep ice core and its relevance to current and future deep- core drilling on polar ice sheets	231
GRAF, W	Reconnaissance of chemical and isotopic firn properties on top of Berkner Island, Antarctica	307
GRAF, W	Snow-accumulation rates and isotopic content $(^2H,\ ^3H)$ of near-surface firm from the Filchner–Ronne Ice Shelf. Antarctica	121
GRAF. W	Spatial and seasonal variations of the snow chemistry at the central Filchner-Ronne Ice Shelf, Antarctica	283
GROSFELD, K	Numerical flow simulation at local parts of Filchner-Ronne Ice Shelf, Antarctica	391
GROSFELD, K	Temperature investigation and modeling on the Filchner-Ronne Ice Shelf, Antarctica	377
HAMBREY. MJ	Flow regime of the Lambert Glacier–Amery Ice Shelf system, Antarctica: structural evidence from Landsat imagery	401
HAMMER, CU	Electrical conductivity method (ECM) stratigraphic dating of the Byrd Station ice core, Antarctica	115
HERZFELD, U C	Recent advance of the grounding line of Lambert Glacier, Antarctica, deduced from satellite-radar altimetry	43
HIGASHI, A	Studies on microparticles contained in medium-depth ice cores retrieved from east Dronning Maud Land, Antarctica	73
ніднам. M	Accumulation variation in eastern Kemp Land, Antarctica	202
HONDOH, T	Effects of temperature and pressure on the transformation rate from air bubbles to air-hydrate crystals in ice sheets	143
HULBE, GL	Evaluation of strain rates on Ice Stream B, Antarctica, obtained using GPS phase measurements	254
HULBE, GL	A method for determining ice-thickness change at remote locations using GPS	263
HUYBRECHTS. P	Formation and disintegration of the Antarctic ice sheet	336

IHDE, J	Validating and improving elevation data of a satellite-image map of Filchner–Ronne Ice Shelf, Antarctica, with results from ERS-1	347
INGHAM, DB	A numerical model of blowing snow around an Antarctic building	341
ЈАСКА, ТН	The steady-state crystal size of deforming ice	13
JACOBEL, R W	Studies of the grounding-line location on Ice Streams D and E, Antarctica	39
JAIWEN, R	Accumulation variation in eastern Kemp Land, Antarctica	202
JEFFRIES, MO	Depositional environment of the snow cover on West Antarctic pack-ice floes	33
JEFFRIES, MO	Small-scale variability of physical properties and structural characteristics of Antarctic fast ice	61
JENSSEN, D	Modelling the Antarctic ice-sheet changes through time	291
JONAS, M	Numerical flow simulation at local parts of the Filchner-Ronne Ice Shelf, Antarctica	391
JOUZEL, J	Holocene temperature variations inferred from six Antarctic ice cores	427
KAMEDA, T	Characteristics of bubble volumes in firn-ice transition layers of ice cores from polar ice sheets	95
KAMEDA, T	An empirical relation between overburden pressure and firn density	87
KAWADA, K	An empirical relation between overburden pressure and firn density	87
KAWAMURA, T	Temperature structure and characteristics appearing on SSM/I images of the Cosmonaut Sea, Antarctica	298
KING, JC	A numerical model of blowing snow around an Antarctic building	341
KIPFSTUHL, J	Reconnaissance of chemical and isotopic firn properties on top of Berkner Island, Antarctica	307
KIPFSTUHL, J	Snow-accumulation rates and isotopic content $(^2H, ^3H)$ of near-surface firn from the Filchner-Ronne lee Shelf, Antarctica	121
KIPFSTUHL, J	Spatial and seasonal variations of the snow chemistry at the central Filchner-Ronne Ice Shelf, Antarctica	283
KROUSE, HR	Depositional environment of the snow cover on West Antarctic pack-ice flocs	33
LANGWAY, CC, Jr	Electrical conductivity method (ECM) stratigraphic dating of the Byrd Station ice core, Antarctica	115
LEE, L-h	Recent advance of the grounding line of Lambert Glacier, Antarctica, deduced from satellite-radar altimetry	43
LEE, L-h	Recent elevation increase on Lambert Glacier, Antarctica, from orbit cross-over analysis of satellite-radar altimetry	26
LESTRINGANT, R	A two-dimensional finite-element study of flow in the transition zone between an ice sheet and an ice shelf	67
LI JUN	The steady-state crystal size of deforming ice	13
LIN, PN	Climate since AD 1510 on Dyer Plateau, Antarctic Peninsula: evidence for recent climate change	420
LINGLE, CS	Recent advance of the grounding line of Lambert Glacier, Antarctica, deduced from satellite-radar altimetry	43
LINGLE, CS	Recent elevation increase on Lambert Glacier, Antarctica, from orbit cross-over analysis of satellite-radar altimetry	26
LIPENKOV, V	Holocene temperature variations inferred from six Antarctic ice cores	427
LIPENKOV, V Ya	Effects of temperature and pressure on the transformation rate from air bubbles to air-hydrate crystals in ice sheets	143
LIPENKOV, V Ya	Vostok (Antarctica) climate record time-scale deduced from the analysis of a borehole temperature profile	207
LIU, C	ϵ axes from radar depolarization experiments at Upstream B Camp, Antarctica, in 1991–92	169
LORD, NE	ϵ axes from radar depolarization experiments at Upstream B Camp, Antarctica, in 1991–92	169
LORD, N	Ice thickness, bed topography and basal-reflection strengths from radar sounding, Upstream B, West Antarctica	148
LORD, N	A water-piracy hypothesis for the stagnation of Ice Stream C, Antarctica	187
LUCCHITTA, BK	Velocities of the Smith Glacier ice tongue and Dotson Ice Shelf, Walgreen Coast, Marie Byrd Land	101
MABIN, MCG	20th century behaviour of Drygalski Ice Tongue, Ross Sca, Antarctica	397
MAE, S	Causes and nature of ice-sheet radio-echo internal reflections estimated from the dielectric properties of ice	80
MAE, S	Effects of temperature and pressure on the transformation rate from air bubbles to air-hydrate crystals in ice sheets	143
MAKINSON, K	The occanic environment beneath the northwest Ronne Ice Shelf, Antarctica	386
MANTRIPP, DR	Validating and improving elevation data of a satellite-image map of Filchner-Ronne Ice Shelf, Antarctica, with results from ERS-1	347
MAVRAKIS, E	Modelling the Antarctic ice-sheet changes through time	291

MILLER, H	First access to the ocean beneath Ekströmisen, Antarctica, by means of hot-water drilling	110
MINIKIN. A	Reconnaissance of chemical and isotopic firn properties on top of Berkner Island, Antarctica	30
MINIKIN. A	Snow-accumulation rates and isotopic content $(^2H, ^3H)$ of near-surface firn from the Filchner Ronne Ice Shelf, Antarctica	12
MINIKIN, A	Spatial and seasonal variations of the snow chemistry at the central Filchner-Ronne Ice Shelf, Antarctica	28
MOBBS, SD	A numerical model of blowing snow around an Antarctic building	34
MOORE, I	A numerical model of blowing snow around an Antarctic building	34
MORRIS, K	Depositional environment of the snow cover on West Antarctic pack-ice floes	3:
MORRIS. K	Small-scale variability of physical properties and structural characteristics of Antarctic fast ice	6
MORSE. DL	Recent survey of brine infiltration in McMurdo Ice Shelf, Antarctica	21
MORSE. DL	Spatial variations of local climate at Taylor Dome, Antarctica: implications for paleoclimate from ice cores	219
MOSER, H	Snow-accumulation rates and isotopic content $(^2H,\ ^3H)$ of near-surface firn from the Filchner–Ronne Ice Shelf, Antarctica	12
MOSLEY-THOMPSON, E	Climate since AD 1510 on Dyer Plateau, Antarctic Peninsula: evidence for recent climate change	420
MULLINS. JL	Landsat TM image maps of the Shirase and Siple Coast ice streams, West Antarctica	407
MULLINS, KF	Velocities of the Smith Glacier ice tongue and Dotson Ice Shelf, Walgreen Coast, Marie Byrd Land	10
MULVANEY, R	Climate since AD 1510 on Dyer Plateau, Antarctic Peninsula: evidence for recent climate change	420
MULVANEY, R	Spatial variability of the major chemistry of the Antarctic ice sheet	440
NARUSE, R	Characteristics of bubble volumes in firn-ice transition layers of ice cores from polar ice sheets	93
NICHOLLS, K	The oceanic environment beneath the northwest Ronne Ice Shelf, Antarctica	386
NIXDORF, U	First access to the ocean beneath Ekströmisen, Antarctica, by means of hot-water drilling	110
NOVICK, AN	Ice thickness, bed topography and basal-reflection strengths from radar sounding, Upstream B, West Antarctica	148
OERTER, H	First access to the ocean beneath Ekströmisen, Antarctica, by means of hot-water drilling	110
OERTER, H	Reconnaissance of chemical and isotopic firn properties on top of Berkner Island, Antarctica	307
OERTER, H	Snow-accumulation rates and isotopic content $(^2H, ^3H)$ of near-surface firn from the Filchner–Ronne Ice Shelf, Antarctica	121
OHSHIMA, K I	Temperature structure and characteristics appearing on SSM/I images of the Cosmonaut Sea, Antarctica	298
OSADA, K	Seasonal variations of major ionic concentration levels in drifting-snow samples obtained from east Dronning Maud Land, East Antarctica	226
PALTRIDGE, GW	Ice sheets and continental drift	437
PEEL, DA	Climate since AD 1510 on Dyer Plateau, Antarctic Peninsula: evidence for recent climate change	420
PETIT, J R	Holocene temperature variations inferred from six Antarctic ice cores	427
POZDEEV, VS	Validating and improving elevation data of a satellite-image map of Filchner–Ronne Icc Shelf, Antarctica, with results from ERS-1	347
RAYMOND, CF	Climate since AD 1510 on Dyer Plateau, Antarctic Peninsula: evidence for recent climate change	420
REINWARTH, O	Snow-accumulation rates and isotopic content (² H, ³ H) of near-surface firn from the Filchner Ronne Ice Shelf, Antarctica	121
RITTER. B	Validating and improving elevation data of a satellite-image map of Filchner-Ronne Ice Shelf, Antarctica, with results from ERS-1	347
ROBINSON, A	The oceanic environment beneath the northwest Ronne Ice Shelf, Antarctica	386
ROBINSON, AE	Studies of the grounding-line location on Ice Streams D and E, Antarctica	39
SALAMATIN, AN	Vostok (Antarctica) climate record time-scale deduced from the analysis of a boreholc temperature profile	207
SCAMBOS, TA	Development of enhanced ice flow at the southern margin of Ice Stream D, Antarctica	313
SCAMBOS, TA	Landsat TM image maps of the Shirase and Siple Coast ice streams, West Antarctica	407
SCAMBOS, TA	Surface-velocity field of the northern Larsen Ice Shelf, Antarctica	319
SCHENKE, HW	Validating and improving elevation data of a satellite-image map of Filchner-Ronne Ice Shelf, Antarctica, with results from ERS-1	347
SEISS, T C	Recent elevation increase on Lambert Glacier, Antarctica, from orbit cross-over analysis of satellite-radar altimetry	26

SHABTAIE, S	Electrical resistivity measurements on Ice Stream B, Antarctica	129
SHERJAL, I	Temporal variations of microwave brightness temperatures over Antarctica	19
SHОЈІ, Н	An empirical relation between overburden pressure and firm density	87
SIEVERS, J	Validating and improving elevation data of a satellite-image map of Filchner–Ronne Ice Shelf, Antarctica, with results from ERS-1	347
SKVARCA, P	Changes and surface features of the Larsen Ice Shelf, Antarctica, derived from Landsat and Kosmos mosaics	6
SKVARCA, P	Surface-velocity field of the northern Larsen Ice Shelf, Antarctica	319
SMITH, AM	Sea-bed depths at the mouth of Rutford Ice Stream, Antarctica	353
SMITH, CE	Velocities of the Smith Glacier ice tongue and Dotson Ice Shelf, Walgreen Coast, Marie Byrd Land	101
STAPLETON, JA	Landsat TM image maps of the Shirase and Siple Coast ice streams, West Antarctica	407
TĄKAHASIII, S	Surface mass balance in east Dronning Maud Land, Antarctica, observed by Japanese Antarctic Research Expeditions	242
TAKIZAWA, T	Temperature structure and characteristics appearing on SSM/I images of the Cosmonaut Sea, Antarctica	298
THOMPSON, LG	Climate since AD1510 on Dyer Plateau, Antarctic Peninsula: evidence for recent climate change	420
THYSSEN, F	Numerical flow simulation at local parts of the Filchner-Ronne Ice Shelf, Antarctica	391
THYSSEN, F	Temperature investigation and modeling on the Filchner-Ronne Ice Shelf, Antarctica	377
THYSSEN, F	Validating and improving elevation data of a satellite-image map of Filchner–Ronne Ice Shelf, Antarctica, with results from ERS-1	347
TREFZER, U	Reconnaissance of chemical and isotopic firn properties on top of Berkner Island, Antarctica	307
UCHIDA, T	Effects of temperature and pressure on the transformation rate from air bubbles to air-hydrate crystals in icc sheets	143
USHIO, S	Temperature structure and characteristics appearing on SSM/I images of the Cosmonaut Sea, Antarctica	298
VAN DEN BROEKE, MR	Local climate, circulation and surface-energy balance of an Antarctic blue-ice area	160
VAUGHAN, DG	Investigating tidal flexure on an ice shelf using kinematic GPS	372
VAUGHAN, DG	Validating and improving elevation data of a satellite-image map of Filchner–Ronne Ice Shelf, Antarctica, with results from ERS-1	347
VEAZEY, A L	Depositional environment of the snow cover on West Antarctic pack-ice floes	33
VEAZEY, AL	Small-scale variability of physical properties and structural characteristics of Antarctic fast ice	61
VERBERS, ALLM	Morphology and late Cenozoic (\leq 5 Ma) glacial history of the area between David and Mawson Glaciers, Victoria Land, Antarctica	55
VORNBERGER, PL	Detailed elevation map of Ice Stream C, Antarctica, using satellite imagery and airborne radar	327
WADDINGTON, ED	Recent survey of brine infiltration in McMurdo Ice Shelf, Antarctica	215
WADDINGTON, ED	Spatial variations of local climate at Taylor Dome, Antarctica: implications for paleoclimate from ice cores	219
WAGENBACH, D	Reconnaissance of chemical and isotopic firn properties on top of Berkner Island, Antarctica	307
WAGENBACH, D	Snow-accumulation rates and isotopic content $(^2H, \ ^3H)$ of near-surface firn from the Filchner–Ronne Ice Shelf, Antarctica	121
WAGENBACH, D	Spatial and seasonal variations of the snow chemistry at the central Filchner Ronne Ice Shelf, Antarctica	283
WATANABE, O	An empirical relation between overburden pressure and firm density	87
WATANABE, O	Surface mass balance in east Dronning Maud Land, Antarctica, observed by Japanese Antarctic Research Expeditions	242
WHILLANS, I M	Decay of surface topography on the Ross Ice Shelf, Antarctica	249
WHILLANS, I M	Evaluation of strain rates on Ice Stream B, Antarctica, obtained using GPS phase measurements	254
WHILLANS, I M	A method for determining ice-thickness change at remote locations using GPS	263
WHITE, J W C	Holocene temperature variations inferred from six Antarctic ice cores	427
WINTHER, J-G	Spectral bi-directional reflectance of snow and glacier ice measured in Dronning Maud Land, Antarctica	1
WOLFF, EW	Spatial variability of the major chemistry of the Antarctic ice sheet	440
WORBY, A	Seasonal changes of sea-ice characteristics off East Antarctica	195
YI, D	Analysis of satellite radar-altimeter return wave forms over the East Antarctic ice sheet	137
ZWALLY, H.J	Recent elevation increase on Lambert Glacier, Antarctica, from orbit cross-over analysis of satellite-radar altimetry	26