

SCIENCE NEWS INDEX

Vol. 123, Nos. 1-26, January-June, 1983, pp. 1-416
Science Service, Washington, D. C. 20036

A	Automobiles, Flywheel hybrid	91	Bok, Derek	77	Monoclonal antibodies	296	Colgate, Stirling	44
ABPP	Avocado pest	367	Bombesin	316	Prize	25	Combustion product toxicity	406
AIDS	Ayers, Stephen	270	Bonamo, Patricia M.	356	Treatment	296	Comet IRAS	342
Aarons, Jonathan			Bond, Christopher S.	270	Cannon, Joseph G.	311	Comet IRAS-Araki-Alcock	311, 327, 356
Aaronson, Marc			Bond, Howard E.	245	Carbon dioxide	366	Comet missions	250
Aaronson, Stuart			Bone, Trabecular	325	Carbon dioxide, Atmospheric	229	Comet	
Ablative decomposition			Bone diseases	203	Carbon monoxide	404	Sugano-Saigusa-Fujikawa	327
Abrahamson, James			Bone fractures, Hip	367	Carcinogens, Airborne	73	Compston, William	389
Abrams, Nancy			Bone loss, Postmenopausal	325, 367	Card, Stuart K.	169	Computer companies/Research	167, 341, 390
Accretion disk			Bone marrow transplants	328	Cardiovascular system	314	Computer design	169
Acetylcholine system			Bone mineralization	367	Caribou herd	55	Computer graphics tablet	169
Acid rain			Book paper	145, 154	Carl, Philip L.	374	Computer language	312
			Books, Home libraries	156	Carpenter, William T. Jr.	214, 316	Computer magnetic disk	90
			Books, Library	145, 154	Carrroll, Bernard	326	Computer memory, Optical	396
Acidification, Natural			Books, Storage of	351	Carter, Eugene J.	70	Computer model, Heart	183
Acquired immune deficiency syndrome			Bopp, Bernard W.	245	Carter, Charles	168	Computer "mouse"	169
See: AIDS			Boriakoff, V.	324	Carter, Forrest L.	378, 380	Computer program, Background	90
Acupuncture			Bosiagh, David	313	Cartwright, Rosalind D.	126	Computer programs, DOD	305, 312
Ada			Boublik, J. H.	103	Cascade Range	177, 186	Computer software, DOD	305, 312
Adirondack lakes			Bowen, Robert	348	Casey, Daniel E.	350	Computerized tomography	See: CT scanning
Aharon-Shalom, E.			Bowyer, Stuart	52	Cassel, David G.	70	Centers for Disease Control	54
A'Hearn, Michael F.			Boxing	73	Castellucci, Vincent	59	Control	54
Ahearne, John F.			Boyle, Jim	170	Caterpillar	268	Cervical cap	236
Ahrens, Tom			Boyne, Walter J.	29	Caudill, Margaret	277	Cess, Robert	69
Air pollution			Bracken, Michael B.	5	Cellulose	366	Chaffin, Roger J.	373
Aircraft design			Bradley, J. P.	119	Centers for Disease Control	54	Chakravarty, Prasun K.	374
Airplane design, Future			Brain, Joseph D.	409	Cervical cap	236	Chalk, Rosemary	357
Airplanes, Home-built			Brain, Effects of PCP	407	Cherry, Michael L.	293	Chalmers, Thomas C.	23
Airport noise			Brain, Hibernating	231	Cherry trees	367	Chang, Albert M. F.	405
Akerlund, Edward			Brain, Magnetic activity	408	Cherry trees	367	Chang, Andrew	4
Aladjem, Silvio			Brain-damaged children	35	Cherry trees	367	Chang, William Y. B.	8
Alarie, Yves			Brain development	257, 268	Chhatry, Frederic M.	205, 243	Chang, William Y. B.	8
Albuquerque, Edson			Brain peptide	388	Chemical Manufacturers Association	132	Chang, William Y. B.	8
Alcohol drinking			Brain pleasure centers	180	Chemical weapons	375	Chang, William Y. B.	8
Aleutian arc			Brain receptors	406	Chemicals, Dual body use	180	Chang, William Y. B.	8
Alexander, Fred L.			Braman, Virginia	125	Chemicals, Risk assessment	152	Chang, William Y. B.	8
Alexandrov, Anatoly P.			Brandsstätter, Franz	196	Chemistry, Natural-product	235	Chang, William Y. B.	8
Alkon, Daniel			Brans, Carl	395	Chen, Li-Kuang	308	Chang, William Y. B.	8
Allen, George S.			Brecher, Kenneth	4	Chemical Manufacturers Association	132	Chang, William Y. B.	8
Allmendinger, Richard W.			Breheny, Patrick J.	270	Chemical weapons	375	Chang, William Y. B.	8
Alpert, Murray			Brenner, Sidney	9	Chemicals	185	Chang, William Y. B.	8
Alpha-helical proteins			Brewer, John I.	85	Chemicals, Dual body use	180	Chang, William Y. B.	8
Altwickler, Elmar R.			Briggs, Geoffrey	215, 340	Chemicals, Risk assessment	152	Chang, William Y. B.	8
Alzheimer's disease			Bright-See, Elizabeth	23	Chemistry, Natural-product	235	Chang, William Y. B.	8
American Physical Society			Brinster, Ralph L.	139	Chen, Li-Kuang	308	Chang, William Y. B.	8
American Psychiatric Association			Brittenham, Gary M.	408	Cheng, S. S.	331	Chang, William Y. B.	8
Amino acids			Broecker, Wallace	229	Cherry, Michael L.	293	Chang, William Y. B.	8
Ammonia			Brooks, Marx	8	Cherry trees	367	Chang, William Y. B.	8
Amnesia			Brotherton, Harry O.	249	Cherry trees	367	Chang, William Y. B.	8
Anasazi people			Brown, David A.	90	Children, Research on	202	Chang, William Y. B.	8
Anders, Edward			Brown, Francis H.	390	Children/Schizophrenic parents	341	Chang, William Y. B.	8
Anderson, Beverly			Brown, Harold	24, 46	Chilton, Mary-Dell	184	Chang, William Y. B.	8
Anderson, David			Brownlee, D. E.	119	Chimpanzee, Pygmy	81, 88, 179	Chang, William Y. B.	8
Anderson, Don L.			Buccheri, R.	324	China, Research in	252	Chang, William Y. B.	8
Anderson, Jeffrey L.			Budget 1984	86	Chirality	278	Chang, William Y. B.	8
Anderson, Rosalind C.			Buildings codes	406	Chlamydia	296	Chang, William Y. B.	8
Andres, Reubin			Bulimia	316	Chloracne	54, 60	Chang, William Y. B.	8
Andromeda galaxy			Burford, Anne M.		Chlorophyll, Primitive	248	Chang, William Y. B.	8
Anesthetics			See also: Gorsuch, Anne M.		Chodoff, Paul	116	Chang, William Y. B.	8
Anet, Frank A. L.			Burford, Anne M.	132, 182	Cholecystokinin	316	Chang, William Y. B.	8
Aneurysm, Ruptured			Burke, Thomas J.	150	Cholesterol	406	Chang, William Y. B.	8
Angiogenesis factor			Burns, Joseph A.	292	Chope, Roy	299	Chang, William Y. B.	8
Anomalons			Burns, M. Shane	44	Christensen-Dalsgaard, Jorden	393	Chang, William Y. B.	8
Anorexia nervosa			Burns, Richard	276	Chromosomal abnormality	214	Chang, William Y. B.	8
Anthropology, Cultural			Bush, Trudy L.	134	Chupp, E. L.	53	Chang, William Y. B.	8
Antibodies			Byrne, John	75	Cigarette smoke	231	Chang, William Y. B.	8
Monoclonal					Cigarettes, Low-nicotine	150	Chang, William Y. B.	8
Anticholinergic drugs					Clark, Barney B.	119, 215	Chang, William Y. B.	8
Antoniades, Harry					Clark, Leland C. Jr.	381	Chang, William Y. B.	8
Aphid, Green peach					Clark, Robert	372	Chang, William Y. B.	8
Aplysia					Clark, Thomas A.	283	Chang, William Y. B.	8
April, Richard H.					Clark, Tim	343	Chang, William Y. B.	8
Aqueous foams					Clayton, Robert N.	196	Chang, William Y. B.	8
Ara-ADA					Clayton, Robert W.	282	Chang, William Y. B.	8
Arctic haze					Clean Air Act	6	Chang, William Y. B.	8
Arctic ponds					Clesceri, Nicholas L.	332	Chang, William Y. B.	8
Ariane rocket					Climate	135, 229, 376	Chang, William Y. B.	8
Arnesen, Egil					Climate, Arctic	69	Chang, William Y. B.	8
Arntzen, Charles J.					Cline, David	293	Chang, William Y. B.	8
Aronson, James					Cluster	93	Chang, William Y. B.	8
Asakura, Toshio					Coal, Powdered	248	Chang, William Y. B.	8
Asbestos contamination					Coal gasification plant	329	Chang, William Y. B.	8
Asch, Ricardo					Coal liquid	381	Chang, William Y. B.	8
Ashton, Peter S.					Cocaine, Inhaled	185	Chang, William Y. B.	8
Asteroid missions					Cochrane, Charles G.	310	Chang, William Y. B.	8
Asteroid Pallas					Coffee	103, 249, 406	Chang, William Y. B.	8
Atchafalaya Basin					Cohen, Barry S.	298	Chang, William Y. B.	8
Atherosclerosis					Cohen, David	410	Chang, William Y. B.	8
Athletes					Cohen, Leonard G.	331	Chang, William Y. B.	8
Atmospheric CO ₂					Cohen, Martin	342	Chang, William Y. B.	8
Atmospheric chemistry					Cohen, Mitchell L.	245	Chang, William Y. B.	8
Australopithecus afarensis					Cold viruses	165	Chang, William Y. B.	8
Autoimmune diseases					Coldiron, William	189	Chang, William Y. B.	8
Automobile fuel					Coleman, Jim	204	Chang, William Y. B.	8
							DDT cleanup	40
							DMPA	113, 122
							DNA	366
							DNA repair	231
							DSDP Leg 92	407
							DST test	326
							Dahl, Alan R.	185
							Dallenbach-Hellweg, Gisela	123
							Dambacher, Maximilian A.	325
							Daniels, Stacy L.	198

Danielsen, L.	55	Dyck, Mel	342	Exon, J. James	181	Gamma rays	405	Grondin, Robert O.	359
Dating methods	69	Dykstra, Peter	150	Exosat		Gannon, Carolyn	313	Grosser, Bernard I.	326
Daugherty, Sandra A.	232	Dyslexia	180	See: Satellite, Exosat		Gardner, W. B.	331	Groves, Michael P.	379
Deacidification, Book	145, 154	Dziewonski, Adam M.	281	Extinctions, Mass	329	Garfinkel, Lawrence	150	Growth factor, T cell	125
Deaf	151			Extraterrestrial life	52, 149	Garlic	235	Growth factor/cancer	388
DeAlba, Pedro	40	E		Eye lens	247	Garry, Philip J.	358	Growth hormone releasing factor	38
Deam, John	168	EKG, T wave	183	Ezz, Esmat A.	40	Garwin, Richard	212	Growth hormone releasing factor gene	157
Dean, Stephen	199	Eagles, Bald	350			Gases	41	Gross, Peter	139
de Bergh, Catherine	404	Ear implant	151			Gasoline vapors	359	Guffanti, Marianne	39
Dedmak, J. James	138	Earth, Origin of	202			Gau, Gillian S.	375	Guidotti, Alessandro	388
Deer repellent	235	Earth sciences	87			Gehr, Peter	410	Guillemin, Roger	38
Delays, Mireille	247	Earthquakes				Gelmann, Edward P.	324	Gurdon, John B.	11
Deming, Jody	372	Aleutian arc	389			Gelperin, Alan	74	Gurleson, Harry K.	325
Demski, Leo S.	278	Arkasans	7			Gene, Immunoglobulin variable	396	Gusella, James	43
Dental implant	185	California	39, 157, 329, 396			Gene, Synthetic	157	Gustafson, David I.	235
Denton, Harold	13	lonosphere study	271			Gene expression	157	Guth, Alan H.	108
Department of Defense	305, 312, 357, 390	Ocean	223			Gene regulation	139	Gutzke, Theodore W.	377
censorship	381	Radiocarbon dated	223			Gene species transfer	157	Guze, Samuel B.	77
Department of Energy	87, 199	Tree ring study	90			Gene transfer, Natural plant	157		
Depo-Provera	113, 122	Waves	273, 280			Genes, Cancer-causing	388		
Depression	126, 316, 326, 350	Earth's crust	308			Genes, Metallothionein	139	H	
Dequeker, Jan	203	Earth's crust deformation	164			Genetic diseases	139	HIT cells	308
Desch, Michael D.	292	Earth's crust formation	389			Genetic engineering, Plants	68, 184, 277	HPRT enzyme	125
Deshmukh, Devendra R.	25	Earth's interior	273, 280			Genetically transmitted diseases	311	HTLV	324
Detergents, Phosphate-based	37	Earth's mantle	273, 280			Genital herpes	213	Haber, Edgar	298
De Witt, Russell G.	331	Earth's shape	282			George, E. A.	153	Hadar fossil site	5
Dexamethasone suppression test	326	Earthstar	181			Georgi, Howard	108	Hadley, William M.	185
Diabetes	53	East Pacific Rise	164, 262, 407			Geothermal energy	40, 177, 186, 211	Hagbarth, Karl-Erik	141
Diabetes, Insulin-dependent	117	Echocardiography	314			quantized	405	Hairy root disease	157
Diacytlenes	284	Ecosystems models	381			Hall, Kristine	133	Hall effect, Fractionally quantized	305
Dialysis	214	Eddy, John A.	91			Haller, Eugene E.	295	Hallman, Mikko	310
Diamond grit	41	Edelman, David	261			Hamer, Dean	139	Hamilton, A. Ian	185
Diamonds	202	Education, Math and science	337, 346			Hanneman, Richard L.	198	Hammer, Armand	25
Diazepam binding inhibitor peptide	388	Education Commission of the States	346			Hanneman, Richard L.	198	Hanneman, Richard L.	198
Dicke, Robert F.	395	Eggar, Fred R.	395			Hansen, Dolly D.	39	Hansen, John A.	328
Diebold, G. J.	106	8-hydroxyquinoline	326			Hansen, John H.	249	Hansen, John H.	249
Diet, Low-fat	232	Eisenbarth, George S.	117			Hansen, Per E.	249	Hanson, Robert B.	342
Diet, Low-protein	125	Eisner, Thomas	391			Haptoglossa mirabilis	23	Harringtonines	235
Diet, Low-salt	232	El Niño	135, 228, 372			Harris, Carol	341	Harris, Carol	341
Diethyl zinc	154	Elastase	199			Harris, Chris	270	Harris, Curtis	231
Digital audio disks, Compact	172	Elderly	358, 367			Harris, Edward D. Jr.	228	Harris, Edward D. Jr.	228
Digital recording	170, 323	Electrochromic effect	203			Harvey, Harold W.	390	Harvey, Harold W.	390
Diltiazem	42	Electroconvulsive therapy	71, 325			Harvey, J. W.	395	Hastings, Harold M.	381
Dimethyltellurium dichloride	102	Electron deformation density	102			Hatch, Orrin	22	Hatch, Orrin	22
Dingell, John D.	132, 198	Electron microscopy, Three-dimensional	396			Havas, Magda	52	Havas, Magda	52
Dinkins, Carol E.	299	Electron showers	405			Hayes, Arthur H. Jr.	5	Hazardous wastes	See: Waste sites, Hazardous Wastes, Hazardous
Dinosaur, <i>Ultrasaurus</i>	39	Electron state, Liquid	405			Hearing, Noise effect on	25	Hearing loss, Noise-induced	25
Dioxin contamination, Michigan	299	Electroweak unification	84, 388			Hearing, Artificial	119, 215	Heart, Artificial	119, 215
Dioxin contamination, Missouri	54, 60, 132, 262, 270	Elevation changes	164			Heart, Astronaut's	314	Heart, Astronaut's	314
Dioxin exposure studies	132	Ember, Steve	172			Heart, Magnetic fields	408	Heart, Magnetic fields	408
Disco	93	Embryo, Frozen	295			Heart arrhythmias	249	Heart arrhythmias	249
Dixon, Robert S.	101, 299	Empysemata	199			Heart attack assessment	296	Heart attack assessment	296
Djorovski, S. B.	324	Endangered-species program	87			Heart attacks	150, 375	Heart attacks	150, 375
Doebmeyer, David J.	249	Endogenous pyrogen	311			Heart computer model	183	Heart computer model	183
Doerr, Hans	214	Engel, Michael H.	118			Heart defect	39	Heart defect	39
Dolphins	271	Engineering faculty	106			Heart disease	134, 294	Heart disease	134, 294
Donnell, Denny	61	Enhancer region	139			Heath, Clark	341	Heath, Clark	341
Doolittle, Russel	388	Enstatite whiskers	119			Heber project	153	Heber project	153
Dopamine	249	Entmacher, Paul S.	165			Hedeman, William	262	Hedeman, William	262
Dopamine, Abnormal concentrations	292	Environmental Defense Fund	132			Heeger, John	62	Heeger, John	62
Dopamine receptors	406	Environmental legislation	6			Hege, E. K.	309	Hege, E. K.	309
Doppelt, Samuel H.	367	Environmental Protection Agency				Henrichs, Douglas W.	316	Henrichs, Douglas W.	316
Douglas-fir seedlings	235	Asbestos contamination	299			Helioseismology	385, 392	Helioseismology	385, 392
Dover, Carl B.	293	Budget 1984	87			Helium	202	Helium	202
Dow Chemical Co.	299	Congressional probes	132, 182, 299, 343			Helium, Atomic	184	Helium, Atomic	184
Down's syndrome	236	Dioxin sites, Missouri	54, 60, 132, 262, 270			Heller, Adam	71	Heller, Adam	71
Drake, Charles	152	Hazardous wastes	6, 198, 343			Heller, H. Craig	231	Heller, H. Craig	231
Dream sleep	126	Nuclear wastes	24			Helou, George	148	Helou, George	148
Drell, Sidney D.	184	Ruckelshaus heads	197, 343			Hemminki, K.	55	Hemminki, K.	55
Drever, Ronald	4	Superfund	6, 54, 60, 132, 262, 270, 299			Hemodialysis	214	Hemodialysis	214
Drew, Allen P.	367	Environmental regulations	398			Hemophilias	8	Hemophilias	8
Drexler, K. Eric	379	Epileptic tumors	408			Hendrey, George R.	333	Hendrey, George R.	333
Drinking water	230	Epilepsy	67			Hendrickson, Brian	152	Hendrickson, Brian	152
Drug approval, FDA	125	Epstein, Gerald L.	126			Hennekens, Charles	100	Hennekens, Charles	100
Drug bill, Orphan	22	Erickson, B. W.	396			Henrickson, Roy V.	151	Henrickson, Roy V.	151
Drug-delivery systems	249, 284, 374	Erickson, John W.	165			Hepatitis	296	Hepatitis	296
Drug screen, Blood	249	Eskenazi, Brenda	5			Herbicide resistance	359	Herbicide resistance	359
Drugs, Generic	214	Essex, Myron	324			<i>Hemissenda</i>	74	<i>Hemissenda</i>	74
Duchenne muscular dystrophy	42	Estrogen	134, 203			Herpes	296	Herpes	296
Duesing, John	359	Ethanol	366			Herpes, Genital	213	Herpes, Genital	213
Duncan, Gordon R.	122	Ethylene oxide	55, 202			Hersh, Evan M.	197	Hersh, Evan M.	197
Dunham, David	309	European Space Agency				Hersh, Fred	189	Hersh, Fred	189
Dupree, Delos C.	377	Ariane rocket	166, 404			Hess, Hamilton	189	Hess, Hamilton	189
Dust particle	90	Exosat	358			Hestenes, John	314	Hestenes, John	314
Dustan, Harriet P.	232	Infrared Space Observatory	36, 93, 230			Hibernation	231	Hibernation	231
Duval, Thomas	393	Mission choices	93			High blood pressure	See: Hypertension	See: Hypertension	
Dwarf spheroids	184	Evolution	289, 300						
Dworkin, Larry U.	152	Ewing, Edwin P. Jr.	245						
		Exercise	311, 367						

Skachko, Sergey G.	24	Streptokinase	375	Times Beach, Mo.	54, 60, 132	Vaughan, Burton E.	381	Wei T'o process	154
Skin	55	Stress	261	Tingey, Ward M.	184	Vaughan, Otha H.	8	Weibel, Edmund	213
Slater, Robert	142	Stringfellow Acid Pits	299	Tipler, Frank J.	52	Veblen, D. R.	119	Weight-height chart	165
Sleep, Dream	126	Strokes	181	Titan	404	Venera 15 & 16	373	Weil, Jon	138
Sleep, REM	292	Strontium isotope ratio	53	Titan Probe/Radar Mapper	250	Vents, Ocean floor	372	Weinberg, Alvin	12
Sleep apnea	169	Stuart, George	46	Titov, Vladimir G.	277	Venus		Weinberg, Jill	72
Sleepwear manufacturers	22	Suicide	294	Toe, Arthritic	203	Atmospheric probe	250	Weinberg, Robert A.	388
Slug, Garden	49, 58, 74	Sulfur	367	Tokamak Fusion Test Reactor	21	Radar mapping	250	Weinberger, Daniel R.	391
Smith, Carol Grace	197	Sulfur dioxide	398	Tolbert, Leslie	269	Venera 15 & 16	373	Weiner, Howard L.	142
Smith, Edward L.	357	Suls, Jerry	169	Tomato plants	367	Venus flytrap	41	Weingartner, Herbert	316
Smith, Richard	154	Sun	385, 392	Tomography	280	Verapamil	150	Wells, Neil A.	271
Smith, Robert B.	308	Sun-petroglyphs		Tong, Yit	151	Vergamini, Phillip J.	202	Welch, Michael	406
Smith, Shelley D.	180	interactions	394	Toone, Bill	371	Vetter, Betty M.	347	Welsh, William J.	154
Smithsonian Institution	327, 362	Sunspots	91	Torebjörk, Erik	140	Vickery, Gordon	406	Wendolf, Fred	247
Smoke	406	Super Glue fuming kit	294	Torture, Electrical	55	Vidal, Gonzalo	329	Wenzlau, Thomas E.	101, 291
Smoking	150	Supercomputers		Toxemia of pregnancy	85, 375	Viking I lander	20, 117, 215, 340	Verb, Zena	22
Smoot, George F.	126	See: Computers, Super		Toxic shock syndrome	244	Vilcek, Jan T.	197	Werner, S. A.	153
Snezhnevsky, Andrei	116	See: Computers, Super		Trade winds, Pacific	228	Villar, Jose	233	Wessel, Mike	61
Snow, Blue	353, 364	Superconductivity	212, 307	Trainin, Ze'ev	324	Vince, Robert	213	Wetherill, George W.	389
Snowpack	372	Superconductors, Organic	126	Transistors, Deep-freeze	101	Virus	279	Wetlands	55
Social scientists	169	Superfund	6, 54, 60, 132, 262, 270, 299	Tree communication	375	Virus, Reassortant	25	Wetlands Conservation Project	55
Sociologists	169	Superlattices		Tree rings	90	Visa denial	310	Weststone, Gregory S.	231, 307
Sofaer, Anna	394	Strained-layer	373	Tree seedlings	235	Vitamin B	358	Whales	271
Software Test and Evaluation Project	312	Supernovas	33, 44, 83	Trees, Coniferous	53	Vitamin C	23, 358	Wheeler, John	124
Soifer, B. Tom	149, 230	Supreme Court	279	Trees, Fruit	367	Vitamin D	367	Whetsell, William O. Jr.	70
Soil, Sandy	90	Susman, Randall L.	88	Tricoli, David M.	367	Vogelstein, Bert	38	White, Frank F.	157
Solar-constant variations	91	Swan, H. J. C.	375	Tris-pajama makers	22	Volcanoes		White, Timothy D.	5, 92, 246, 355
Solar energy	366	Swart, P.K.	263	Trivelpiece, Alvin	199	El Chichón	46, 135, 398	Widmer, Michael B.	308
Solar energy system	41	Sweat glands	140	Trounson, Alan	295	Kilauea	39	Wiegmann, William	405
Solar-flare neutrons	53	Synapse analog	284	Troup, Jan M.	102	Vonnegut, Bernard	8	Wiese, Art	359
Solar oscillations	385, 392	Synfuels	24, 329	Tryptophan	125, 134	Voyager 1	277	Wiesner, Paul	270
Solar system, Escape from	277, 373			Tsang, Won-Tien	260	Voyager 2	277	Wikswow, John	408
Solar System Exploration Committee	250			Tsong, Ignatius S. T.	69			Wilcox, John	392
Solitons	284, 380			Tsui, Daniel C.	405			Wilderness lands	21, 55
Sonar system	262			Tsunami	389			Williams, Stephen E.	41
Sotolon	235			Tucker, Allen B.	223	W particles	84	Williamson, Robert	42
Soviet dissident	40			Tumlinson, James H.	269	Wagemaker, Herbert	214	Wilson, David B.	366
Soviet psychiatrists	116, 138, 163, 350			Tumor cells	374	Wagner, Henry	406	Wines, Sweet	235
Soviet research process	24			Tuna	73	Wagner, R. E.	166, 331	Wixon, Henry	398
Soviet Union	69, 218, 222			Tungsten trioxide	203	Wagoner, Robert	4	Wolfe, Sidney	123
Soviet Venera 15 & 16	373			Tunneling microscope	213	Wald, George	124	Wollensak, Richard	218
Soybean predator	398			Turbine-powered cars	248	Walgren, Doug	5	Women, Post-menopausal	325, 328, 367
Soyuz T-8 spacecraft	277			Turner, Dave	398	Walker, Alan	246	Wood, James	181
Space flight	314			Tuttle, Russell	246	Walker, Judith	100	Woodhouse, John H.	281
Space shuttle	7, 166, 244, 404			Twohy, Frank	151	Wallace, P. T.	324	Woody, Charles	75
Space weapons	212			Tyler, Michael J.	350	Wallace, R. Bruce	139	World Psychiatric Assoc.	116, 138, 163, 350
Spacecraft escape	277, 373					Wallin, B. Gunnar	141	Wound fluid	22
Sparks, Peter	154					Walsh, Patrick C.	328	Wound healing	22
Spiders	391					Walske, Carl	12		
Spirochete, <i>I. dammini</i>	228					Walters, Gary	218		
Sponge containing spermicide	261					Walters, Terry	59, 75		
Squid, Giant	97, 110					Warburton, Dorothy	214		
Srinivasan, R.	396					Wasserthil-Smoller, Sylvia	23		
Stafford, Howard A.	398					Waste site, Hazardous			
Stallones, Ruel A.	152					See also: Wastes, Hazardous			
Stamler, Rose	232					Waste sites, Hazardous	6, 132, 299		
Stanford University	252					Wastes, Hazardous			
Stanley, I. W.	166, 331					See also: Waste sites, Hazardous			
Star, Abell 41	245					Wastes, Hazardous	40, 198, 341, 343		
Star, T. Tauri	342					Wastes, Hazardous/Times Beach	54, 60, 132, 262, 270		
Star formation	149, 356					Wastes, Nuclear	6, 24, 185, 329		
Star swallowing	245					Water, Drinking			
Stardust	263					See: Drinking water			
Stark, Fortney H. Jr.	199					Water-splitting methods	71, 326		
Stearns, Allen C.	228					Water use, U. S.	202		
Stehr, Paul	54					Waterfalls, Frozen	364		
Stein, Gary	54, 60, 133					Waters, Peter	145, 147		
Stein, Ross S.	164					Watt, James	21, 55		
Stereochemistry	278					Weapons, Binary	375		
Stettler, Richard J.	248					Weapons, Chemical	375		
Stevens, John Paul	214					Weapons, Computer software	305, 312		
Stevenson, George T.	25					Weapons, Prehistoric	391		
Stewart, Brent S.	134					Weapons, Space	212		
Stewart, T. Dale	247					Weather satellites			
Stiles, Robin E.	73					See: Satellites, Weather			
Stokes, Peter E.	326					Weather stress index	157		
Stoll, Dick	133					Weber, Michael J.	374		
Stomach pregnancy	350					Wee, Siew-Lin	308		
Stone, Jeremy	212								
Stormer, Horst L.	405								
Stracher, Alfred	43								
Strassmann, Gideon	308								
Strelakow, Gennady M.	277								