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- Denzin, Lisa K.; Sant'Angelo, Derek B.; Hammond, Craig; Surman, Michael J.; Cresswell, Peter: Negative regulation by HLA-DO of MHC class II-restricted antigen processing. p106 3 Oct 1997.
- DePaolo, D. J. See Kennedy, B. M.
- Der, Channing J. See Mayo, Marty W.
- DeRisi, Joseph L.; Iyer, Vishwanath R.; Brown, Patrick O.: Exploring the metabolic and genetic control of gene expression on a genomic scale. p680 24 Oct 1997.
- Deshaies, R. J. See Verma, R.
- Desiraju, Gautam R.: Crystal gazing: structure prediction and polymorphism (perspective). p404 17 Oct 1997.
- Desjardins, Elizabeth. See Martin, Kathleen A.
- DeVico, Anthony L. See Pal, Ranajit.
- Dhillon, Namrita. See Inouye, Carla.
- Di Prisco, Gonzalo Viana; Pearlstein, Edouard; Robitaille, Richard; Dubuc, Réjean: Role of sensory-evoked NMDA plateau potentials in the initiation of locomotion. p1122 7 Nov 1997.
- Diamond, Jared: Location, location, location: the first farmers (perspective). p1243 14 Nov 1997.
- Dickens, Martin. See Chow, Chi-Wing.
- Dickerson, R. R.; Kondragunta, S.; Stenichikov, G.; Civerolo, K. L.; Doddrige, B. G.; Holben, B. N.: The impact of aerosols on solar ultraviolet radiation and photochemical smog. p827 31 Oct 1997.
- Dickman, Steven (news): Males mutate more, bird study shows. p34 3 Oct 1997. Possible new roles for HOX genes. p1882 12 Dec 1997.
- Diesmann, Markus. See Riehle, Alexa.
- Dillon, Stacey R. See Han, Shuhua.
- Dinesen, A. R. See Hviid, S. F.
- Dittmar, M. T. See Pope, M.
- Dixit, Vishva M. See Muzio, Marta.
- Dobrzhinetskaya, Larissa. See Green, Harry W., II.
- Dobson, Andy P.; Bradshaw, A. D.; Baker, Jim: Restoring ecosystems (letter). p999 7 Nov 1997.
- Doddrige, B. G. See Dickerson, R. R.
- Doering, M. See Briner, B. G.
- Dogterom, Marileen and Yurke, Bernard: Measurement of the force-velocity relation for growing microtubules. p856 31 Oct 1997.
- Doranz, Benjamin J. See Endres, Michael J.
- Dorman, Jennie B. See Lin, Kui.
- Dorman, LeRoy. See Zhao, Dapeng.
- Dorries, Kathleen M.: Olfactory "consciousness"? (letter). p1550 28 Nov 1997.
- Dosik, Michael. See Masood, Rizwan.
- Dosso, Laure. See Géli, Louis.
- Douglas, M. See Overpeck, J.
- Dreibus, G. See Rieder, R.
- Dresselhaus, Mildred S. See Jasanoff, Sheila.
- Du Chesne, Alexander. See Templin, Markus.
- Duboule, Denis: The evolution of genomics (editorial). p555 24 Oct 1997.
- Dubrovinsky, L. S.: Shock wave-induced melting in argon by atomistic simulation (technical comment). p1474 21 Nov 1997.
- Dubuc, Réjean. See Di Prisco, Gonzalo Viana.
- Dugan, Laura L. See Yu, Shan Ping.
- Duke, Sean: The balance of power in ancient Ireland (news). p386 17 Oct 1997.
- Dunham, D. W. See Yeomans, D. K.
- Duruöz, C. I. See Stewart, D. R.

## E and F

- Economou, T. See Golombek, M. P. See also Rieder, R.
- Egeland, Grace M. and Middaugh, John P.: Balancing fish consumption benefits with mercury exposure (policy forum). p1904 12 Dec 1997.
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- Ehrenstein, David (news): Seeking a source of potent cosmic rays. p1708 5 Dec 1997.
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- Eichelberger, John C.: Drilling volcanoes (perspective). p1084 7 Nov 1997.
- Eipper, Betty A. See Prigge, Sean T.
- Eisenstat, D. D. See Anderson, S. A.
- Eizinger, Andreas and Sommer, Ralf J.: The homeotic gene *lin-39* and the evolution of nematode epidermal cell fates. p452 17 Oct 1997.
- Ekholm, S. See Rignot, Eric.
- Elliot, J. L.; Stansberry, J. A.; Olkin, C. B.; Agner, M. A.; Davies, M. E.: Triton's distorted atmosphere. p436 17 Oct 1997.
- Elliot, Orville S. See Scott, J. P.
- Elliott, Joanne M. See Attard, George S.
- Ellwood, A. See Kennedy, B. M.
- Emmerichs, U. See Woutersen, S.
- Emmert, Mark A.: NEA funding (letter). p2032 19 Dec 1997. Poets, painters, and the future of science (editorial). p1381 21 Nov 1997.
- Emmert-Buck, Michael. See Bonner, Robert F.
- Empedocles, S. A. and Bawendi, M. G.: Quantum-confined Stark effect in single CdSE nanocrystallite quantum dots. p2114 19 Dec 1997.
- Endo, Yoshio. See Boshoff, Chris.
- Endres, Michael J.; Jaffer, Salman; Haggarty, Beth; Turner, Julie D.; Doranz, Benjamin J.; O'Brien, Peter J.; Kolson, Dennis L.; Hoxie, James A.:

- Targeting of HIV- and SIV-infected cells by CD4-chemokine receptor pseudotypes. p1462 21 Nov 1997.
- England, Philip and Molnar, Peter: Active deformation of Asia: from kinematics to dynamics. p647 24 Oct 1997.
- Enquist, Brian J. See Brown, James H.
- Enserink, Martin (news): Libraries join forces on journal prices. p1558 28 Nov 1997.
- Ermiler, Ulrich; Grabarse, Wolfgang; Shima, Seigo; Goubeaud, Marcel; Thauer, Rudolf K.: Crystal structure of methyl-coenzyme M reductase: the key enzyme of biological methane formation. p1457 21 Nov 1997.
- Ertl, G. See Winterlin, J.
- Erwin, Douglas H.: review of *Paleontological Events*, by Carlton E. Brett and Gordon C. Baird, Eds. p815 31 Oct 1997.
- Essex, M.; Renjifo, B.; Peña-Cruz, V.; McLane, M. F.; Marlink, R.; Lee, T. H.; Mayer, K.; Auewarakul, P.; Sutthent, R.; Wasi, C.; Vithayasai, P.; Vithayasai, V.; Apichartpiyakul, C.; Soto-Ramirez, L.: Different subtypes of HIV-1 and cutaneous dendritic cells (letter). p787 31 Oct 1997.
- Estess, Pila. See DeGrendele, Heather C.
- Eto, M. See Kouwenhoven, L. P.
- Etoubeau, Joël. See Géli, Louis.
- Evan, Gerard I. See Hueber, Anne-Odile.
- Evans, W. C. See Kennedy, B. M.
- Evershed, Richard P.; Bland, Helen A.; van Bergen, Pim F.; Carter, James F.; Horton, Mark C.; Rowley-Conwy, Peter A.: Volatile compounds in archaeological plant remains and the Maillard reaction during decay of organic matter. p432 17 Oct 1997.
- Fahrni, C. J. See Pufahl, R. A.
- Falek, Arthur and Jarvik, Lissy F.: Twin studies, heritability, and intelligence (letter). p1385 21 Nov 1997.
- Fanale, F. P. See McCord, T. B.
- Farhangrazi, Z. Shadi. See Yu, Shan Ping.
- Farquhar, Graham D.: Carbon dioxide and vegetation (perspective). p1411 21 Nov 1997.
- Farquhar, R. W. See Veverka, J. See also Yeomans, D. K.
- Farrer, Matt. See Lynch, Timothy.
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- Fasol, Gerhard G.: Longer life for the blue laser (perspective). p1902 12 Dec 1997.
- Fearon, Eric R.: Human cancer syndromes: clues to the origin and nature of cancer. p1043 7 Nov 1997.
- Federoff, N. E. and Nowak, R. M.: Man and his dog (letter). p205 10 Oct 1997.
- Feduccia, Alan. See Burke, Ann C.
- Feldman, M. W. and Otto, S. P.: Twin studies, heritability, and intelligence (letter). p1383 21 Nov 1997.
- Felsenfeld, Gary. See Studitsky, Vasily M.
- Feng, Ping. See Muzio, Marta.
- Feng, Pingyun. See Bu, Xianhui.
- Ferreira, Leandro V. See Laurance, William F.
- Ferry, James G.: Methane: small molecule, big impact (perspective). p1413 21 Nov 1997.
- Fesik, Stephen W. See Hajduk, Philip J.
- Fetz, Eberhard E.: Temporal coding in neural populations? (perspective). p1901 12 Dec 1997.
- Fichtner, Horst. See Scherer, Klaus.
- Finch, Caleb E. and Tanzi, Rudolph E.: Genetics of aging. p407 17 Oct 1997.
- Finkbeiner, Ann (news): Amateur Sky Survey keeps it simple. p1012 7 Nov 1997. The dial-up sky. p1010 7 Nov 1997. Many ways to survey the sky. p1011 7 Nov 1997.
- Finkel, Elizabeth (news): Major changes proposed in Antarctica. p1222 14 Nov 1997. Native claims muddy waters in fight over Australian lake. p1556 28 Nov 1997. Scandal claims science minister. p28 3 Oct 1997. Science squeezed out of debate. p1557 28 Nov 1997.
- Finney, B. See Overpeck, J.
- Finzi, Diana; Hermankova, Monika; Pierson, Theodore; Carruth, Lucy M.; Buck, Christopher; Chaisson, Richard E.; Quinn, Thomas C.; Chadwick, Karen; Margolick, Joseph; Brookmeyer, Ronald; Gallant, Joel; Markowitz, Martin; Ho, David D.; Richman, Douglas D.; Siliciano, Robert F.: Identification of a reservoir for HIV-1 in patients on highly active antiretroviral therapy. p1295 14 Nov 1997.
- Fiquet, G. See Andraut, D.
- Firouzi, Ali. See Tolbert, Sarah H.
- Fischbeck, Paul. See Corbett, James J.
- Fischer, Gunter. See Yaffe, Michael B.
- Fischer, Nadine. See Blader, Patrick.
- Fisher, Daniel C. See Bloch, Jonathan I.
- Fitton, J. Godfrey. See Rehkämper, Mark.
- Flannery, Timothy F. See Rich, Thomas H.
- Flickinger, Thomas W. See Kumar, Aseem.
- Flower, Ann. See Young, Kevin D.
- Folkner, W. M. See Golombek, M. P. ———; Yoder, C. F.; Yuan, D. N.; Standish, E. M.; Preston, R. A.: Interior structure and seasonal mass redistribution of Mars from radio tracking of Mars Pathfinder. p1749 5 Dec 1997.
- Folmer, Brigitte J. B. See Sijbesma, Rint P.
- Ford, P. G. See Stacy, N. J. S.
- Forget, François and Pierrehumbert, Raymond T.: Warming early Mars with carbon dioxide clouds that scatter infrared radiation. p1273 14 Nov 1997.
- Foster, Randy. See Wu, Yan.
- Frack, Achim. See Templin, Markus.
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- Frank, Joachim. See Beckmann, Roland.
- Frederique, Daphney E. See Moody, D. Branch.
- Freeman, Gordon J. See Boussioutis, Vassiliki A.
- Frei, H. See Bromberg, Steven E.
- Friberg, Stephen R.: Quantum nondemolition: probing the mystery of quantum mechanics (perspective). p1088 7 Nov 1997.
- Friend, Stephen H. See Hartwell, Leland H.
- Frith, Christopher D. See Rees, Geraint.
- Funamori, Nobumasa and Jeanloz, Raymond: High-pressure transformation of Al<sub>2</sub>O<sub>3</sub>. p1109 7 Nov 1997.
- Furlong, Stephen T. See Moody, D. Branch.

## G and H

- Gaal, Tamas; Bartlett, Michael S.; Ross, Wilma; Turnbough, Charles L., Jr.; Gourse, Richard L.: Transcription regulation by initiating NTP concentration: ribosomal RNA synthesis in bacteria. p2092 19 Dec 1997.
- Gachhui, Ratan. See Crane, Brian R.
- Gaddis, L. See Smith, P. H.
- Gajewski, K. See Overpeck, J.
- Gallant, Joel. See Finzi, Diana.
- Gallet, Christiane. See Wardle, David A.
- Galli, Massimo. See Parravicini, Carlo.
- Gallo, Robert C. See Pal, Ranajit.
- Gallup, John. See Cohen, Joel E.
- Gamble, Theresa R.; Yoo, Sanghee; Vajdos, Felix F.; von Schwedler, Uta K.; Worthylake, David K.; Wang, Hui; McCutcheon, John P.; Sundquist, Wesley I.; Hill, Christopher P.: Structure of the carboxyl-terminal dimerization domain of the HIV-1 capsid protein. p849 31 Oct 1997.
- Gantz, Ira. See Ollmann, Michael M.
- Gao, Xiong. See Woronicz, John D.
- Gardner, Warren. See Ibba, Michael.
- Garzino-Demo, Alfredo. See Pal, Ranajit.
- Gascon, Claude. See Laurance, William F.
- Gavaghan, Helen: France brings space goals down to earth (news). p1555 28 Nov 1997.
- Geiduschek, E. Peter. See Studitsky, Vasily M.
- Geist, Nicholas R. See Ruben, John A.
- Géli, Louis; Bougault, Henri; Aslanian, Daniel; Bravais, Anne; Dosso, Laure; Etoubeau, Joël; Le Formal, Jean-Pierre; Maia, Marcia; Ondréas, Hélène; Olivet, Jean-Louis; Richardson, Chris; Sayanagi, Keizo; Seama, Nobukazu; Shah, Anjana; Vlastelic, Ivan; Yamamoto, Michiko: Evolution of the Pacific-Antarctic Ridge south of the Udintsev fracture zone. p1281 14 Nov 1997.
- Geller, Robert J.; Jackson, David D.; Kagan, Yan Y.; Mulargia, Francesco: Cannot earthquakes be predicted? (technical comment). p488 17 Oct 1997.
- George, Steven M. See Klaus, Jason W.
- Gerard, Craig. See Martin, Kathleen A.
- Gerard, Norma P. See Martin, Kathleen A.
- Getzoff, Elizabeth D. See Crane, Brian R.
- Ghadiri, M. Reza. See Lin, Victor S.-Y.
- Ghil, Michael. See Weeks, Eric R.
- Ghilardi, Joseph R. See Mantyh, Patrick W.
- Ghosh, Dipak K. See Crane, Brian R.
- Ghysdael, Jacques. See Lacronique, Virginie.
- Gibbons, Ann (news): Doubts over spectacular dates. p220 10 Oct 1997. Lung fossils suggest dinos breathed in cold blood. p1229 14 Nov 1997. Plucking the feathered dinosaur. p1229 14 Nov 1997. The women's movement. p805 31 Oct 1997. Y chromosome shows that Adam was an African. p804 31 Oct 1997.
- Gill, Parkash S. See Masood, Rizwan.
- Gilman, Alfred G. See Sunahara, Roger K. See also Tesmer, John J. G.
- Gingerich, Philip D. See Bloch, Jonathan I.
- Ginsburg, Benson E. See Scott, J. P.
- Giorgini, J. D. See Harmon, J. K. See also Yeomans, D. K.
- Glanz, James (news): Brighter omens for giant reactor? p1559 28 Nov 1997. Critical follow-up. p1878 12 Dec 1997. Gamma rays open a view down a cosmic gun barrel. p1225 14 Nov 1997. Masters of atom manipulation win physics prize. p578 24 Oct 1997. New light on fate of the universe. p799 31 Oct 1997. Researchers help Chicago schools onto the Internet. p1877 12 Dec 1997. Turning up the heat in the corona. p387 17 Oct 1997. Two spacecraft track the solar wind to its source. p387 17 Oct 1997. X-rays hint at space pirouette. p1012 7 Nov 1997.
- Glanzman, David L. See Murphy, Geoffrey G.
- Gliem, F. See Smith, P. H., et al.
- Gloersen, P. See Cavalieri, D. J.
- Goeddel, David V. See Woronicz, John D.
- Goetz, W. See Hviid, S. F.
- Gogineni, S. P. See Rignot, Eric.
- Goldberg, Robert: Analogies with meaning (letter). p18 3 Oct 1997.
- Goldman, Robert D. See Jasanoff, Sheila.
- Goldman-Rakic, Patricia S. See Scalaidhe, Séamas P. O.
- Goldstein, Seth. See Bonner, Robert F.
- Golombek, M. P.; Cook, R. A.; Economou, T.; Folkner, W. M.; Haldemann, A. F. C.; Kallemeyn, P. H.; Knudsen, J. M.; Manning, R. M.; Moore, H. J.; Parker, T. J.; Rieder, R.; Schofield, J. T.; Smith, P. H.; Vaughan, R. M.: Overview of the Mars Pathfinder mission and assessment of landing site predictions. p1743 5 Dec 1997.
- Goldston, Robert J.: Fusion alternatives (letter). p2033 19 Dec 1997.
- González-García, Maribel. See del Peso, Luis.
- Goubeaud, Marcel. See Ermiler, Ulrich.
- Gourse, Richard L. See Gaal, Tamas.
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- Graeff, Richard. See Wu, Yan.
- Gralla, Edith Butler. See Valentine, Joan Selverstone.
- Gramatikova, Svetlana. See Barbas, Carlos F., III.

- Granahan, J. C. See McCord, T. B.
- Granger, Ellen. See Runkle, Deborah.
- Grant, Jonathan and Lewison, Grant: Government funding of research and development (technical comment). p878 31 Oct 1997.
- Grassucci, Robert. See Beckmann, Roland.
- Graves, Michael V. See DeAngelis, Paul L.
- Gray, Jeffrey A.; Young, Andrew M. J.; Joseph, Michael H.: Dopamine's role (letter). p1548 28 Nov 1997.
- Gray, Mary. See Lerch, Irving.
- Gray, Patrick W. See Boshoff, Chris.
- Greeley, R. See Smith, P. H.
- Green, Douglas R.: A Myc-induced apoptosis pathway surfaces (perspective). p1246 14 Nov 1997.
- Green, Harry W., II; Dobrzynetskiy, Larissa; Bozhilov, Krassimir: Determining the origin of ultrahigh-pressure lherzolites (technical comment). p704 24 Oct 1997.
- Green, Michael D.: review of *Judging Science*, by Kenneth R. Foster and Peter W. Huber. p1574 28 Nov 1997.
- Greenberg, Michael E. See Bonni, Azad.
- Greene, Elizabeth A. See Henikoff, Steven.
- Greenspan, Stanley L.: Twin studies, heritability, and intelligence (letter). p1384 21 Nov 1997.
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- Grillner, Sten: Ion channels and locomotion (perspective). p1087 7 Nov 1997.
- Grootes, P. M. See Taylor, K. C.
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- Guberman, Steven L.: Mechanism for the green glow of the upper ionosphere. p1276 14 Nov 1997.
- Gulisano, Massimo. See Lumsden, Andrew.
- Gunnell, Gregg F. See Bloch, Jonathan I.
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- Guo, Sun-Wei; Zheng, Chang-Jiang; Li, C. C.: "Gene war of the century"? (letter). p1693 5 Dec 1997.
- Gura, Trisha: Systems for identifying new drugs are often faulty (news). p1041 7 Nov 1997.
- Guy, Mark R. See Moody, D. Branch.
- Guyar, Mark S. See Collins, Francis S.
- Gwag, Byoung J. See Yu, Shan Ping.
- Haberle, R. M. See Schofield, J. T.
- Hacker, B. R.; Sharp, T.; Zhang, R. Y.; Liou, J. G.; Hervig, R. L.: Determining the origin of ultrahigh-pressure lherzolites (technical comment). p702 24 Oct 1997.
- Hafen, Ernst. See Riesgo-Escovar, Juan R.
- Haggarty, Beth. See Endres, Michael J.
- Hajdas, Irka. See Bond, Gerard.
- Hajduk, Philip J.; Meadows, Robert P.; Fesik, Stephen W.: Discovering high-affinity ligands for proteins (Tech.Sight). p497 17 Oct 1997.
- Haldemann, A. F. C. See Golombek, M. P.
- Hall, Jeffrey C. See Plautz, Jeffrey D.
- Hall, Wayne: review of *Marijuana Myths, Marijuana Fact*, by Lynn Zimmer and John P. Morgan. p75 3 Oct 1997.
- Halliday, Alex N. See Lee, Der-Chuen. See also Rehkämper, Mark.
- Hammond, Craig. See Denzin, Lisa K.
- Han, In-Seob. See Huala, Eva.
- Han, Shuhua; Dillon, Stacey R.; Zheng, Biao; Shimoda, Michiko; Schlissel, Mark S.; Kelsoe, Garnett: V(D)J recombination activity in a subset of germinal center B lymphocytes. p301 10 Oct 1997.
- Handy, Michael. See Masood, Rizwan.
- Hansen, G. B. See McCord, T. B.
- Hanson, Mary: Top talent at NSF (letter). p17 3 Oct 1997.
- Harch, A. See Veverka, J.
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- Hargraves, R. B. See Hviid, S. F.
- Harkness, Douglas D. See Street-Perrott, F. Alayne.
- Harmon, J. K.; Ostro, S. J.; Benner, L. A. M.; Rosema, K. D.; Jurgens, R. F.; Winkler, R.; Yeomans, D. K.; Choate, D.; Cormier, R.; Giorgini, J. D.; Mitchell, D. L.; Chodas, P. W.; Rose, R.; Kelley, D.; Slade, M. A.; Thomas, M. L.: Radar detection of the nucleus and coma of comet Hyakutake (C/1996 B2). p1921 12 Dec 1997.
- Harris, C. B. See Bromberg, Steven E.
- Harris, J. S., Jr. See Stewart, D. R.
- Harris, Jeff. See McCammon, Catherine.
- Harrison, Susan. See Maron, John L.
- Harriss, Robert: NASA funding for earth science (letter). p18 3 Oct 1997.
- Hartwell, Leland H.; Szankasi, Philippe; Roberts, Christopher J.; Murray, Andrew W.; Friend, Stephen H.: Integrating genetic approaches into the discovery of anticancer drugs. p1064 7 Nov 1997.
- Hasegawa, Sumitaka. See Shibata, Hiroyuki.
- Häusermann, D. See Andrault, D.
- Havril, Diane V. See Wong, Joseph K.
- Hawkins, S. E., III. See Veverka, J.
- Hayakawa, H. See Taddei, F.
- Hayden, S. M. See Aepli, G.
- Heine, Andreas. See Barbas, Carlos F., III.
- Helfrich, C. E. See Yeomans, D. K.
- Hellemans, Alexander (news): Black hole lurks in miniature quasar. p2055 19 Dec 1997. Europe set to try again with Ariane 5. p215 10 Oct 1997. Galactic disk contains no dark matter. p1230 14 Nov 1997. JET takes a step closer to break-even. p29 3 Oct 1997.
- Hemley, Russell J. See Mao, Ho-kwang.
- Hendrickson, Wayne A. See Lima, Christopher D.
- Henikoff, Steven; Greene, Elizabeth A.; Pietrokovski, Shmuel; Bork, Peer; Attwood, Teresa K.; Hood, Leroy: Gene families: the taxonomy of protein paralogs and chimeras. p609 24 Oct 1997.
- Hennessy, J. Michael. See Sawyer, Lesley A.
- Henstock, Timothy J.; Levander, Alan; Hole, John A.: Deformation in the lower crust of the San Andreas fault system in northern California. p650 24 Oct 1997.
- Herkenhoff, K. E. See Smith, P. H.
- Hermankova, Monika. See Finzi, Diana.
- Herrera, Román. See del Peso, Luis.
- Hervig, R. L. See Hacker, B. R.
- Heun, Manfred; Schäfer-Pregl, Ralf; Klawan, Dieter; Castagna, Renato; Accerbi, Monica; Borghi, Basilio; Salamini, Francesco: Site of einkorn wheat domestication identified by DNA fingerprinting. p1312 14 Nov 1997.
- Heyning, John E. and Mead, James G.: Thermoregulation in the mouths of feeding gray whales. p1138 7 Nov 1997.
- Hezarah, Marjan. See Wong, Joseph K.
- Hibbitts, C. A. See McCord, T. B.
- Hieter, Philip and Boguski, Mark: Functional genomics: it's all how you read it (viewpoint). p601 24 Oct 1997.
- Hildebrand, John. See Zhao, Dapeng.
- Hill, Christopher P. See Gamble, Theresa R.
- Hill, Thomas. See Young, Kevin D.
- Hillenius, W. Jaap. See Ruben, John A.
- Hinchliffe, Richard: The forward march of the bird-dinosaurs halted? (perspective). p596 24 Oct 1997.
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- Hirota, Morihisa. See Shibata, Hiroyuki.
- Hirschberg, J. H. K. Ky. See Sijbesma, Rint P.
- Ho, David D. See Finzi, Diana. See also Pope, M.
- Hobbs, Richard. See Aronson, James.
- Hoey, Timothy: A new player in cell death (perspective). p1578 28 Nov 1997.
- Hof, Patrick R. See Morrison, John H.
- Hoffmann, Torsten. See Barbas, Carlos F., III.
- Hofmann, Andreas. See Kang, Sang-Mo.
- Holben, B. N. See Dickerson, R. R.
- Holden, Constance (news): Fabulous sum for a fearsome fossil. p218 10 Oct 1997. Stanford researcher fights dismissal in hospital spat. p27 3 Oct 1997.
- Hole, John A. See Henstock, Timothy J.
- Holtzman, Neil A.; Murphy, Patricia D.; Watson, Michael S.; Barr, Patricia A.: Predictive genetic testing: from basic research to clinical practice (viewpoint). p602 24 Oct 1997.
- Holub, Eric. See Century, Karen S.
- Honda, T. See Kouwenhoven, L. P.
- Honeycutt, Rodney L. See Vilà, Carles.
- Hong, Waun Ki and Sporn, Michael B.: Recent advances in chemoprevention of cancer. p1073 7 Nov 1997.
- Honkanen, Richard E. See Larsson, Olof.
- Honore, Prisca. See Mantyh, Patrick W.
- Hood, Leroy. See Henikoff, Steven. See also Rowen, Lee.
- Hordijk, Peter L.; ten Klooster, Jean Paul; van der Kammen, Rob A.; Michiels, Frits; Oomen, Laurant C. J. M.; Collard, John G.: Inhibition of invasion of epithelial cells by Tiam1-Rac signaling. p1464 21 Nov 1997.
- Hornberg, Greger. See Wardle, David A.
- Horton, Mark C. See Evershed, Richard P.
- Horvath, Curt M. See Kumar, Aseem.
- Howard, Don: review of *Albert Einstein*, by Albrecht Fölsing, and *Einstein*, by Denis Brian. p1241 14 Nov 1997.
- Hoxie, James A. See Endres, Michael J.
- Huala, Eva; Oeller, Paul W.; Liscum, Emmanuel; Han, In-Seob; Larsen, Elise; Briggs, Winslow R.: *Arabidopsis* NPH1: a protein kinase with a putative redox-sensing domain. p2120 19 Dec 1997.
- Huang, Alice S. See Jasanoff, Sheila.
- Huang, Yongsong. See Street-Perrott, F. Alayne.
- Hubbard, William B.: Lensing by Triton's atmosphere (perspective). p403 17 Oct 1997.
- Huddleston, M. J. See Verma, R.
- Hudson, S. D.; Jung, H.-T.; Percec, V.; Cho, W.-D.; Johansson, G.; Ungar, G.; Balagurusamy, V. S. K.: Direct visualization of individual cylindrical and spherical supramolecular dendrimers. p449 17 Oct 1997.
- Hueber, Anne-Odile; Zörnig, Martin; Lyon, Debbie; Suda, Takashi; Nagata, Shigekazu; Evan, Gerard I.: Requirement for the CD95 receptor-ligand pathway in c-Myc-induced apoptosis. p1305 14 Nov 1997.
- Huestis, David L. See Shen, Xiao A.
- Hughen, K. See Overpeck, J.
- Hughes, Jennifer B.; Daily, Gretchen C.; Ehrlich, Paul R.: Population diversity: its extent and extinction. p689 24 Oct 1997.
- Hui, Li: New robotic vessel extends deep-ocean exploration (news). p1705 5 Dec 1997.
- \_\_\_\_\_ and Jue, Wang: Backlash disrupts China exchanges (news). p376 17 Oct 1997.
- Hulteen, John C. See Jirage, Kshama B.
- Husten, Larry: Receptor offers clues to how 'good' cholesterol works (news). p1228 14 Nov 1997.
- Hutchison, Mark. See McCammon, Catherine.
- Hutton, Mike. See Lynch, Timothy.
- Hviid, S. F. See Smith, P. H., et al.
- \_\_\_\_\_; Madsen, M. B.; Gunnlaugsson, H. P.; Goetz, W.; Knudsen, J. M.; Hargraves, R. B.; Smith, P.; Britt, D.; Dinesen, A. R.; Mogensen, C. T.; Olsen, M.; Pedersen, C. T.; Vistisen, L.: Magnetic properties experiments on the Mars Pathfinder lander: preliminary results. p1768 5 Dec 1997.
- Hwang, Chong-Yuan: An inverse Compton process for the excess diffuse EUV emission from the Virgo and Coma galaxy clusters. p1917 12 Dec 1997.
- Hwang, H. Y. and Cheong, S.-W.: Enhanced inter-

grain tunneling magnetoresistance in half-metallic CrO<sub>2</sub> films. p1607 28 Nov 1997.

## I, J and K

- Iadarola, Michael J. and Caudle, Robert M.: Good pain, bad pain (perspective). p239 10 Oct 1997.
- Ianniello, Louis: Priority setting (letter). p1695 5 Dec 1997.
- Ibba, Michael; Morgan, Susan; Curnow, Alan W.; Pridmore, David R.; Vothknecht, Ute C.; Gardner, Warren; Lin, Winston; Woese, Carl R.; Söll, Dieter: A euryarchaeal lysyl-tRNA synthetase: resemblance to class I synthetases. p1119 7 Nov 1997.
- Ide, Kayo. *See* Weeks, Eric R.
- Ignacio, Caroline C. *See* Wong, Joseph K.
- Inoue, Takafumi. *See* Kume, Shoehn.
- Inouye, Carla; Dhillon, Namrita; Thorner, Jeremy: Ste5 RING-H2 domain: role in Ste4-promoted oligomerization for yeast pheromone signaling. p103 3 Oct 1997.
- Ismagilov, Rustem F. *See* Nelsen, Stephen F.
- Ito, Masaki. *See* Shibata, Hiroyuki.
- Iyer, Vishwanath R. *See* DeRisi, Joseph L.
- Izenberg, N. *See* Veverka, J.
- Jackson, David D. *See* Geller, Robert J.
- Jacobs, Christine: Life in the balance: cell walls and antibiotic resistance. p1731 5 Dec 1997.
- Jacoby, G. *See* Overpeck, J.
- Jaffer, Salman. *See* Endres, Michael J.
- Janssens, T. V. W. *See* Wintterlin, J.
- Jarvik, Lissy F. *See* Falek, Arthur.
- Janoff, Sheila; Colwell, Rita; Dresselhaus, Mildred S.; Goldman, Robert D.; Greenwood, M. R. C.; Huang, Alice S.; Lester, William; Levin, Simon A.; Linn, Marcia C.; Lubchenco, Jane; Novacek, Michael J.; Roosevelt, Anna C.; Taylor, Jean E.; Wexler, Nancy: Conversations with the community: AAAS at the millennium. p2066 19 Dec 1997.
- Jaumann, R. *See* Smith, P. H.
- Jay, Philippe. *See* Chung, Chan D.
- Jeanloz, Raymond. *See* Funamori, Nobumasa.
- Jennings, A. *See* Overpeck, J.
- Jewitt, David C.; Matthews, Henry E.; Owen, Tobias; Meier, Roland: Measurements of <sup>12</sup>C/<sup>13</sup>C, <sup>14</sup>N/<sup>15</sup>N, and <sup>32</sup>S/<sup>34</sup>S ratios in comet Hale-Bopp (C/1995 O1). p90 3 Oct 1997.
- Jing, Wei. *See* DeAngelis, Paul L.
- Jirage, Kshama B.; Hulteen, John C.; Martin, Charles R.: Nanotubule-based molecular-filtration membranes. p655 24 Oct 1997.
- Johansson, B. *See* McClearn, G. E.
- Johansson, G. *See* Hudson, S. D.
- Johnson, Derek. *See* Kay, Richard F.
- Johnson, J. R. *See* Smith, P. H.
- Johnson, T. V. *See* McCord, T. B.
- Johnston, Dan: A missing link? LTP and learning (perspective). p401 17 Oct 1997.
- Jones, A. E. *See* Roscoe, H. K.
- Jones, Terry D. *See* Ruben, John A.
- Joseph, J. *See* Veverka, J.
- Joseph, Michael H. *See* Gray, Jeffrey A.
- Joseph, Simpson; Weiser, Bryn; Noller, Harry F.: Mapping the inside of the ribosome with an RNA helical ruler. p1093 7 Nov 1997.
- Jue, Wang. *See* Hui, Li.
- Jung, H.-T. *See* Hudson, S. D.
- Jurgens, R. F. *See* Harmon, J. K.
- Kachru, Ravinder. *See* Shen, Xiao A.
- Kadowaki, K. *See* Blumberg, G.
- Kagan, Yan Y. *See* Geller, Robert J.
- Kahn, Patricia: All-star cast for new Max Planck Institute (news). p793 31 Oct 1997.
- Kaiser, Jocelyn (news): Deformed frogs leap into spotlight at NIEHS. p2051 19 Dec 1997. Environment institute lays plans for gene hunt. p569 24 Oct 1997. Furor over company deal roils AMA. p26 3 Oct 1997. Helping those most at risk. p217 10 Oct 1997. A more rational approach to gauging environmental threats? p570 24 Oct 1997. Spiked coffee prompts police inquiry. p1704 5 Dec 1997.
- Kaitala, Veijo. *See* Ranta, Esa.
- Kalams, Spyros A. *See* Rosenberg, Eric S.
- Kallemeyn, P. H. *See* Golombek, M. P.
- Kamin, Leon J.: Twin studies, heritability, and intelligence (letter). p1385 21 Nov 1997.
- Kan, C. *See* Spielmann, Ch.
- Kanamaru, Ryunosuke. *See* Shibata, Hiroyuki.
- Kanegae, Yumi. *See* Shibata, Hiroyuki.
- Kaneko, Maki. *See* Plautz, Jeffrey D.
- Kaneko, Yoshikatsu. *See* Cui, Junqing. *See also* Kawano, Tetsu.
- Kang, Moonsoo. *See* Blumberg, G.
- Kang, Sang-Mo; Hofmann, Andreas; Le, David; Springer, Matthew L.; Stock, Peter G.; Blau, Helen M.: Immune response and myoblasts that express Fas ligand (technical comment). p1322 14 Nov 1997.
- Kanno, Masamoto. *See* Cui, Junqing.
- Kaplan, Mark. *See* Masood, Rizwan.
- Kaplan, Peter D. *See* Ouyang, Qi.
- Karabanov, E. B. *See* Williams, D. F.
- Karplus, Martin. *See* Lazaridis, Themis.
- Kassavetis, George A. *See* Studitsky, Vasily M.
- Kastan, Michael B. *See* Cheng, Emily H.-Y.
- Kasting, James F.: The early Mars climate question heats up (perspective). p1245 14 Nov 1997.
- Kawai, Nobufumi. *See* Miyakawa, Tsuyoshi.
- Kawano, Tetsu. *See* Cui, Junqing.
- ; Cui, Junqing; Kozuka, Yasuhiko; Toura, Isao; Kaneko, Yoshikatsu; Motoki, Kazuhiro; Ueno, Hitomi; Nakagawa, Ryusuke; Sato, Hiroshi; Kondo, Eisuke; Koseki, Haruhiko; Taniguchi, Masaru: CD1d-restricted and TCR-mediated activation of V<sub>α</sub>14 NKT cells by glycosylceramides. p1626 28 Nov 1997.
- Kay, Richard F.; Ross, Callum; Williams, Blythe A.; Johnson, Derek: Cladistic analysis and anthropoid origins (technical comment). p2135 19 Dec 1997.
- Kay, Steve A. *See* Plautz, Jeffrey D.
- Keller, H. U. *See* Smith, P. H.
- Kelley, D. *See* Harmon, J. K.
- Kelner, Katrina L.: The importance of telomerase (perspective). p600 24 Oct 1997.
- Kelsoe, Garnett. *See* Han, Shuhua.
- Kendziora, C. *See* Blumberg, G.
- Kennedy, B. M.; Kharaka, Y. K.; Evans, W. C.; Ellwood, A.; DePaolo, D. J.; Thordsen, J.; Ambats, G.; Mariner, R. H.: Mantle fluids in the San Andreas fault system, California. p1278 14 Nov 1997.
- Kenyon, Cynthia. *See* Lin, Kui.
- Kerns, Julie A. *See* Ollmann, Michael M.
- Kerr, Richard A. (news): Does evolutionary history take million-year breaks? p576 24 Oct 1997. Growth, death, and climate featured in Salt Lake City. p1017 7 Nov 1997. Life's winners keep their poise in tough times. p1403 21 Nov 1997. Mars has magnetic spots. p215 10 Oct 1997. Putative martian microbes called microscopy artifacts. p1706 5 Dec 1997. Rocky mix suggests wet early Mars. p380 17 Oct 1997. Tiny comets' spots called artifacts. p1217 14 Nov 1997. When evolution surges ahead. p577 24 Oct 1997.
- Kharaka, Y. K. *See* Kennedy, B. M.
- Khelifa, Leila Ben. *See* Street-Perrott, F. Alayne.
- Kiberstis, Paula and Marx, Jean: Frontiers in cancer research (news). p1036 7 Nov 1997.
- Kim, Jungmook and Mayfield, Stephen P.: Protein disulfide isomerase as a regulator of chloroplast translational activation. p1954 12 Dec 1997.
- Kim, Ke Chung: Preserving biodiversity in Korea's demilitarized zone (policy forum). p242 10 Oct 1997.
- Kim, Uhnoh; Sanchez-Vives, Maria V.; McCormick, David A.: Functional dynamics of GABAergic inhibition in the thalamus. p130 3 Oct 1997.
- Kind, Alexander J. *See* Schnieke, Angelika E.
- King, J. *See* Williams, D. F.
- King, Mary-Claire. *See* Lynch, Eric D.
- Kirk, R. L. *See* Smith, P. H.
- Kirsch, David G. *See* Cheng, Emily H.-Y.
- Kirschner, Marc W. *See* Kothakota, Srinivas. *See also* Yaffe, Michael B.
- Kitagawa, Teizo. *See* Mizutani, Yasuhisa.
- Kitazawa, Hiromasa. *See* Miyakawa, Tsuyoshi.
- Klaus, Jason W.; Sneh, Ofer; George, Steven M.: Growth of SiO<sub>2</sub> at room temperature with the use of catalyzed sequential half-reactions. p1934 12 Dec 1997.
- Klawan, Dieter. *See* Heun, Manfred.
- Klein, M. V. *See* Blumberg, G.
- Klein, Michael G. *See* Lima, Christopher D.
- Klippel, Anke. *See* Kothakota, Srinivas.
- Knops, Johannes. *See* Tilman, David.
- Knudsen, J. M. *See* Golombek, M. P. *See also* Hviid, S. F.
- Koenig, Robert (news): Germany's bleak future in space. p1554 28 Nov 1997. Panel proposes ways to combat fraud. p2049 19 Dec 1997.
- Kozuka, Yasuhiko. *See* Kawano, Tetsu.
- Kolhekar, Aparna S. *See* Prigge, Sean T.
- Kolson, Dennis L. *See* Endres, Michael J.
- Kondo, Eisuke. *See* Cui, Junqing. *See also* Kawano, Tetsu.
- Kondragunta, S. *See* Dickerson, R. R.
- Kondro, Wayne: Canada's cuts anger neuroscientists (news). p797 31 Oct 1997.
- Konopliv, A. S. *See* Yeomans, D. K.
- Koob, George F. and Le Moal, Michel: Drug abuse: hedonic homeostatic dysregulation. p52 3 Oct 1997.
- Kool, Lesley. *See* Rich, Thomas H.
- Koonin, Eugene V. *See* Tatusov, Roman L.
- Koonon, Steven E. and Colglazier, C William: Fusion panel meeting (letter). p2034 19 Dec 1997.
- Koppitsch, R. *See* Spielmann, Ch.
- Körblová, Eva. *See* Link, Darren R.
- Kornberg, Arthur: The NIH did it! (editorial). p1863 12 Dec 1997.
- Koseki, Haruhiko. *See* Cui, Junqing. *See also* Kawano, Tetsu.
- Kothakota, Srinivas; Azuma, Toshifumi; Reinhard, Christoph; Klippel, Anke; Tang, Jay; Chu, Keting; McGarry, Thomas J.; Kirschner, Marc W.; Koths, Kirston; Kwiatkowski, David J.; Williams, Lewis T.: Caspase-3-generated fragment of gelsolin: effector of morphological change in apoptosis. p294 10 Oct 1997.
- Koths, Kirston. *See* Kothakota, Srinivas.
- Kotz, K. T. *See* Bromberg, Steven E.
- Kouwenhoven, L. P.; Oosterkamp, T. H.; Danoesastro, M. W. S.; Eto, M.; Austing, D. G.; Honda, T.; Tarucha, S.: Excitation spectra of circular, few-electron quantum dots. p1788 5 Dec 1997.
- Krabill, W. B. *See* Rignot, Eric.
- Krausz, F. *See* Spielmann, Ch.
- Kravchinsky, V. *See* Williams, D. F.
- Krishnan, Venkatesh; Pereira, Fred A.; Qiu, Yuhong; Chen, Chien-Huan; Beachy, Philip A.; Tsai, Sophia Y.; Tsai, Ming-Jer: Mediation of sonic hedgehog-induced expression of COUP-TFII by a protein phosphatase. p1947 12 Dec 1997.
- Kuang, Jian. *See* Yaffe, Michael B.
- Kuikka, Jyrki: Allometric scaling laws in biology (letter). p371 17 Oct 1997.
- Kulda, J. *See* Aeppli, G.
- Kumar, Aseem; Commene, Mairead; Flickinger,

- Thomas W.; Horvath, Curt M.; Stark, George R.: Defective TNF- $\alpha$ -induced apoptosis in STAT1-null cells due to low constitutive levels of caspases. p1630 28 Nov 1997.
- Kume, Shohei; Muto, Akira; Inoue, Takafumi; Suga, Kei; Okano, Hideyuki; Mikoshiba, Katsuhiko: Role of inositol 1,4,5-trisphosphate receptor in ventral signaling in *Xenopus* embryos. p1940 12 Dec 1997.
- Kunz, M. See Andrault, D.
- Kuo, Chay T.; Veselits, Margaret L.; Leiden, Jeffrey M.: KLF and FasL expression: correction and clarification (letter). p788 31 Oct 1997.
- Kutzbach, J. E. and Liu, Z.: Response of the African monsoon to orbital forcing and ocean feedbacks in the middle Holocene. p440 17 Oct 1997.
- Kuzma, Jennifer. See Wu, Yan.
- Kuzmin, M. I. See Williams, D. F.
- Kwiatkowski, David J. See Kothakota, Srinivas.
- Kyriacou, Charalambos P. See Sawyer, Lesley A.
- ## L and M
- Labeurie, Laurent. See Beaufort, Luc.
- Lacronique, Virginie; Boureau, Anthony; Della Valle, Véronique; Poiré, Hélène; Tran Quang, Christine; Mauchauffé, Martine; Berthou, Christian; Lessard, Michel; Berger, Roland; Ghysdael, Jacques; Bernard, Olivier A.: A TEL-JAK2 fusion protein with constitutive kinase activity in human leukemia. p1309 14 Nov 1997.
- Lades, Martin. See Altschuler, Eric L.
- Lagally, M. G. See Qin, X. R.
- Lahav, Meir. See Töllner, Karl.
- Lahn, Bruce T. and Page, David C.: Functional coherence of the human Y chromosome. p675 24 Oct 1997.
- Lamberts, Steven W. J.; van den Beld, Annewiekew; van der Lely, Aart-Jan: The endocrinology of aging. p419 17 Oct 1997.
- LaMendola, Nicholas P. and Bever, Thomas G.: Peripheral and cerebral asymmetries in the rat. p483 17 Oct 1997.
- Lamoureux, S. See Overpeck, J.
- Lancelot, Yves. See Beaufort, Luc.
- Lange, Ronald F. M. See Sijbesma, Rint P.
- Langley, Gill: Animal rights (letter). p558 24 Oct 1997.
- Lappi, Douglas A. See Mantyh, Patrick W.
- Larsen, Elise. See Huala, Eva.
- Larsen, S. See Schofield, J. T.
- Larsson, Olof; Barker, Christopher J.; Sjöholm, Åke; Carlqvist, Håkan; Michell, Robert H.; Bertorello, Alejandro; Nilsson, Thomas; Honkanen, Richard E.; Mayr, Georg W.; Zwiler, Jean; Berggren, Per-Olof: Inhibition of phosphatases and increased Ca<sup>2+</sup> channel activity by inositol hexakisphosphate. p471 17 Oct 1997.
- Lasca, A. See Overpeck, J.
- Lau, Eunice L. See Scherer, Klaus.
- Lau, Henry T. and Stoeckert, C. J.: Immune response and myoblasts that express Fas ligand (technical comment). p1324 14 Nov 1997.
- Lauffer, Ed; Pizette, Sandrine; Zou, Hongyan; Orozco, Olivia E.; Niswander, Lee: BMP expression in duck interdigital webbing: a reanalysis (technical comment). p305 10 Oct 1997.
- Laurance, Susan G. See Laurance, William F.
- Laurance, William F.; Laurance, Susan G.; Ferreira, Leandro V.; Rankin-de Merona, Judy M.; Gascon, Claude; Lovejoy, Thomas E.: Biomass collapse in Amazonian forest fragments. p1117 7 Nov 1997.
- Lauri, Eleonora. See Parravicini, Carlo.
- Lavie, Nilli. See Rees, Geraint.
- Lawler, Andrew (news): Berkeley facility ranks low on advisory panel's list. p25 3 Oct 1997. Easing the squeeze on R&D. p1390 21 Nov 1997. Faster, cheaper strategy on trial. p1216 14 Nov 1997.
- Friendly finish looms on spending. p30 3 Oct 1997. Fusion panel scored for tipping results. p1219 14 Nov 1997. Government bows out of academy case. p28 3 Oct 1997. House OKs compromise on panel meetings. p1219 14 Nov 1997. NASA faces billion-dollar problem. p1391 21 Nov 1997. Panel seeks boost in energy R&D spending. p216 10 Oct 1997. Spacecraft offers details of Antarctica. p1562 28 Nov 1997. SUNY-Battelle team to run Brookhaven. p1702 5 Dec 1997. Unity marks effort to bolster R&D. p796 31 Oct 1997. Wanted: the ideal science adviser. p1872 12 Dec 1997. (letter): Fusion panel meeting. p2035 19 Dec 1997.
- Lawton, John. See Tilman, David.
- Lazaridis, Themis and Karplus, Martin: "New view" of protein folding reconciled with the old through multiple unfolding simulations. p1928 12 Dec 1997.
- Le Formal, Jean-Pierre. See Géli, Louis.
- Le Moal, Michel. See Koob, George F.
- Le, David. See Kang, Sang-Mo.
- Lee, A. M. See Roscoe, H. K.
- Lee, Der-Chuen; Halliday, Alex N.; Snyder, Gregory A.; Taylor, Lawrence A.: Age and origin of the moon. p1098 7 Nov 1997.
- Lee, Hon Cheung. See Wu, Yan.
- Lee, Michael S. Y.: The extinction of paleontology? (letter). p1210 14 Nov 1997.
- Lee, Ming K. See Lynch, Eric D.
- Lee, T. H. See Essex, M.
- Leiden, Jeffrey M. See Kuo, Chay T.
- Leist, Heike. See Templin, Markus.
- Lemmon, M. See Smith, P. H.
- Lenzner, M. See Spielmann, Ch.
- León, Pedro E. See Lynch, Eric D.
- Lerch, Irving and Gray, Mary: Cryptography in America (editorial). p1545 28 Nov 1997.
- Lerner, Richard A. See Barbas, Carlos F., III.
- Leshner, Alan I.: Addiction is a brain disease, and it matters. p45 3 Oct 1997.
- Lessard, Michel. See Lacronique, Virginie.
- Lester, William. See Jasanoff, Sheila.
- Levander, Alan. See Henstock, Timothy J.
- Levin, Donald A.: review of *Natural Hybridization and Evolution*, by Michael L. Arnold. p235 10 Oct 1997.
- Levin, Simon A. See Jasanoff, Sheila.
- Lewes, Kenneth: review of *Alfred C. Kinsey*, by James H. Jones. p2068 19 Dec 1997.
- Lewison, Grant. See Grant, Jonathan.
- Li, C. C. See Guo, Sun-Wei.
- Li, Hung. See Sheng, Hui Z.
- Li, Jian wu. See Mercurio, Frank.
- Li, Jun. See Mantyh, Patrick W.
- Lian, T. See Bromberg, Steven E.
- Liao, Jiayu. See Chung, Chan D.
- Libchaber, Albert. See Ouyang, Qi.
- Lichtenberg, C. L. See Nozette, S.
- Lima, Christopher D.; Klein, Michael G.; Hendrickson, Wayne A.: Structure-based analysis of catalysis and substrate definition in the HIT protein family. p286 10 Oct 1997.
- Lin, Kui; Dorman, Jennie B.; Rodan, Aylin; Kenyon, Cynthia: *daf-16*: An HNF-3/forkhead family member that can function to double the lifespan of *Caenorhabditis elegans*. p1319 14 Nov 1997.
- Lin, S.-J. See Pufahl, R. A.
- Lin, Victor S.-Y.; Motesharei, Kianoush; Dancil, Keiki-Pua S.; Sailor, Michael J.; Ghadiri, M. Reza: A porous silicon-based optical interferometric biosensor. p840 31 Oct 1997.
- Lin, Winston. See Ibba, Michael.
- Linder, E. See Braswell, B. H.
- Linderoth, Nora A.; Simon, Martha N.; Russel, Marjorie: The filamentous phage pIV multimer visualized by scanning transmission electron microscopy. p1635 28 Nov 1997.
- Lindström, Maurits. See Schmitz, Birger.
- Link, Darren R.; Natale, Giorgio; Shao, Renfan; MacLennan, Joseph E.; Clark, Noel A.; Körblová, Eva; Walba, David M.: Spontaneous formation of macroscopic chiral domains in a fluid smectic phase of achiral molecules. p1924 12 Dec 1997.
- Linn, Marcia C. See Jasanoff, Sheila.
- Liotta, Lance A. See Bonner, Robert F.
- Liou, J. G. See Hacker, B. R.
- Lipfert, Frederick W.: Clear air skepticism (letter). p19 3 Oct 1997.
- Lipman, David J. See Tatusov, Roman L.
- Liscum, Emmanuel. See Huala, Eva.
- List, Benjamin. See Barbas, Carlos F., III.
- Liu, Bin. See Chung, Chan D.
- Liu, Kang. See Tamura, Yasuaki.
- Liu, Philip. See Synolakis, Costas.
- Liu, Shumao. See Ouyang, Qi.
- Liu, Yong-Jun: Reuse of B lymphocytes in germinal centers (perspective). p238 10 Oct 1997.
- Liu, Z. See Kutzbach, J. E.
- Loeb, Jerod M.: Animal rights (letter). p559 24 Oct 1997.
- Loiseau, A. See Suenaga, K.
- Loneragan, Mark C.: A tunable diode based on an inorganic semiconductor/conjugated polymer interface. p2103 19 Dec 1997.
- Look, A. Thomas: Oncogenic transcription factors in the human acute leukemias. p1059 7 Nov 1997.
- Loshak, A. See Backhaus, S.
- Lotti, Rusty. See Bond, Gerard.
- Loutre, M. F. See Berger, A.
- Lovejoy, Thomas E. See Laurance, William F.
- Lowe, Jimmy K. L. See Sijbesma, Rint P.
- Lowe, Scott W. See Mayo, Marty W.
- Löwy, Ilana: review of *A Commotion in the Blood*, by Stephen S. Hall. p235 10 Oct 1997.
- Lu, Kun Ping. See Yaffe, Michael B.
- Lubchenco, Jane. See Jasanoff, Sheila.
- Lumsden, Andrew and Gulisano, Massimo: Neocortical neurons: where do they come from? (perspective). p402 17 Oct 1997.
- Lundberg, Per. See Ranta, Esa.
- Luppi, Mario. See Whitby, Denise.
- Lynch, Eric D.; Lee, Ming K.; Morrow, Jan E.; Welch, Piri L.; León, Pedro E.; King, Mary-Claire: Nonsyndromic deafness DFNA1 associated with mutation of a human homolog of the *Drosophila* gene *diaphanous*. p1315 14 Nov 1997.
- Lynch, Timothy; Farrer, Matt; Hutton, Mike; Hardy, John: Genetics of Parkinson's disease (letter). p1212 14 Nov 1997.
- Lyons, Debbie. See Hueber, Anne-Odile.
- MacCoun, Robert and Reuter, Peter: Interpreting Dutch cannabis policy: reasoning by analogy in the legalization debate. p47 3 Oct 1997.
- MacDonald, G. See Overpeck, J.
- Mackenzie, Dana (news): Cool sounds at 200 decibels. p2060 19 Dec 1997. Fractions to make an Egyptian scribe blanch. p224 10 Oct 1997. A limited universe of solutions? p1396 21 Nov 1997. Number theorists embark on a new treasure hunt. p1396 21 Nov 1997.
- MacLennan, Joseph E. See Link, Darren R.
- Madariaga, R. See Olsen, K. B.
- Madsen, M. B. See Hviid, S. F.
- Magalhães, J. A. See Schofield, J. T.
- Mahairas, Gregory. See Rowen, Lee.
- Mahlman, J. D.: Uncertainties in projections of human-caused climate warming (policy forum). p1416 21 Nov 1997.
- Mahon, Kathleen A. See Sheng, Hui Z.
- Maia, Marcia. See Géli, Louis.
- Mains, Richard E. See Prigge, Sean T.
- Maki, J. N. See Smith, P. H.
- Malakoff, David: Thirty Kyotos needed to control

- warming (news). p2048 19 Dec 1997.
- Maldonado, Jesús. See Vilà, Carles.
- Malin, M. C. See Smith, P. H. See also Veverka, J.
- Mallow, Ann: Animal rights (letter). p559 24 Oct 1997.
- Malmberg, Annika B.; Chen, Chong; Tonegawa, Susumu; Basbaum, Allan I.: Preserved acute pain and reduced neuropathic pain in mice lacking PKC $\gamma$ . p279 10 Oct 1997.
- Manci, Elizabeth. See Pászty, Chris.
- Maniatis, Tom: Catalysis by a multiprotein I $\kappa$ B kinase complex (perspective). p818 31 Oct 1997.
- Mann, Charles and Plummer, Mark: Habitat plan science rates surprisingly well in survey (news). p2052 19 Dec 1997.
- Mann, Matthias. See Mercurio, Frank.
- Manning, Anthony. See Mercurio, Frank.
- Manning, R. M. See Golombek, M. P.
- Mantyh, Patrick W.; Rogers, Scott D.; Honore, Prisca; Allen, Brian J.; Ghilardi, Joseph R.; Li, Jun; Daughters, Randy S.; Lappi, Douglas A.; Wiley, Ronald G.; Simone, Donald A.: Inhibition of hyperalgesia by ablation of lamina I spinal neurons expressing the substance P receptor. p275 10 Oct 1997.
- Mao, Ho-kwang; Shen, Guoyin; Hemley, Russell J.: Multivariable dependence of the Fe-Mg partitioning in the lower mantle. p2098 19 Dec 1997.
- Marcon, Luisa. See Martin, Kathleen A.
- Marcus, C. M. See Stewart, D. R.
- Maréchal, Eric. See Wu, Yan.
- Margolick, Joseph. See Finzi, Diana.
- Mariner, R. H. See Kennedy, B. M.
- Markham, Phillip D. See Pal, Ranajit.
- Markowitz, Martin. See Finzi, Diana.
- Marlink, R. See Essex, M.
- Maron, John L. and Harrison, Susan: Spatial pattern formation in an insect host-parasitoid system. p1619 28 Nov 1997.
- Mars Pathfinder color plates. p1734 5 Dec 1997.
- Marshall, Eliot (news): The battle over BRCA1 goes to court. p1874 12 Dec 1997. Devilish details. p213 10 Oct 1997. Early bid on NIH's 1999 budget. p796 31 Oct 1997. A 5-year initiative slowly takes shape. p1558 28 Nov 1997. Gene prospecting in remote populations. p565 24 Oct 1997. The hunting of the SNP. p2047 19 Dec 1997. Last-minute deal gives NIH 7.1% raise. p1218 14 Nov 1997. Need a reagent? just sign here. . . . p212 10 Oct 1997. NIH plans one grant for all sizes. p1006 7 Nov 1997. Physicist sues Duke over control of lab. p1393 21 Nov 1997. 'Playing chicken' over gene markers. p2046 19 Dec 1997. Tapping Iceland's DNA. p566 24 Oct 1997. Universities balk at OMB funding rules. p1007 7 Nov 1997. Whose DNA is it, anyway? p564 24 Oct 1997. (letter): Insulin gene patent litigation. p561 24 Oct 1997.
- Martienssen, Rob. See Settles, A. Mark.
- Martin, Charles R. See Jirage, Kshama B.
- Martin, Kathleen A.; Wyatt, Richard; Farzan, Michael; Choe, Hyeryun; Marcon, Luisa; Desjardins, Elizabeth; Robinson, James; Sodroski, Joseph; Gerard, Craig; Gerard, Norma P.: CD4-independent binding of SIV gp120 to rhesus CCR5. p1470 21 Nov 1997.
- Martin, P. D. See McCord, T. B.
- Marx, Jean. See Kiberstis, Paula.
- Mason, T. E. See Aepli, G.
- Masood, Rizwan; Zheng, Tong; Tulpule, Anil; Arora, Naveen; Chatlynne, Louise; Handy, Michael; Whitman, James, Jr.; Kaplan, Mark; Dosik, Michael; Ablashi, Dharam V.; Gill, Parkash S.: Kaposi's sarcoma-associated herpesvirus infection and multiple myeloma (technical comment). p1970 12 Dec 1997.
- Massachusetts Society for Medical Research: Animal rights (letter). p559 24 Oct 1997.
- Matic, I. See Taddei, F.
- Matson, D. L. See McCord, T. B.
- Matsumoto, Hiroshi. See Shibata, Hiroyuki.
- Matthews, Henry E. See Jewitt, David C.
- Mauchauffé, Martine. See Lacronique, Virginie.
- May, Robert M.: Government funding of research and development (technical comment). p879 31 Oct 1997. Kyoto and beyond (editorial). p1691 5 Dec 1997. See also Nee, Sean.
- Mayer, K. See Essex, M.
- Mayewski, P. A. See Taylor, K. C.
- Mayfield, Stephen P. See Kim, Jungmook.
- Mayo, Marty W.; Wang, Cun-Yu; Cogswell, Patricia C.; Rogers-Graham, Kelley S.; Lowe, Scott W.; Der, Channing J.; Baldwin, Albert S., Jr.: Requirement of NF- $\kappa$ B activation to suppress p53-independent apoptosis induced by oncogenic Ras. p1812 5 Dec 1997.
- Mayo, Stephen L. See Dahiyat, Bassil I.
- Mayr, Georg W. See Larsson, Olof.
- McAdams, J. V. See Yeomans, D. K.
- McBrinn, Geraldine E. See Behrensmeier, Anna K.
- McCammon, Catherine; Hutchison, Mark; Harris, Jeff: Ferric iron content of mineral inclusions in diamonds from São Luiz: a view into the lower mantle. p434 17 Oct 1997.
- McClearn, G. E.; Ahern, F.; Johansson, B.; Berg, S.; Pedersen, N. L.; Petrill, S. A.; Plomin, R.: Twin studies, heritability, and intelligence (letter). p1386 21 Nov 1997.
- McCord, T. B.; Carlson, R. W.; Smythe, W. D.; Hansen, G. B.; Clark, R. N.; Hibbitts, C. A.; Fanale, F. P.; Granahan, J. C.; Segura, M.; Matson, D. L.; Johnson, T. V.; Martin, P. D.: Organics and other molecules in the surfaces of Callisto and Ganymede. p271 10 Oct 1997.
- McCormick, David A. See Kim, Uhnoh.
- McCune, Joseph M.: Animal models of HIV-1 disease (Tech.Sight). p2141 19 Dec 1997.
- McCutcheon, John P. See Gamble, Theresa R.
- McEuen, Paul L.: Artificial atoms: new boxes for electrons (perspective). p1729 5 Dec 1997.
- McFadden, L. A. See Veverka, J.
- McGarry, Thomas J. See Kothakota, Srinivas.
- McGrath, Melissa A.: Io and the plasma torus (perspective). p237 10 Oct 1997.
- McIntyre, Andrew: Intertropical latitudes and precessional and half-precessional cycles (technical comment). p1478 21 Nov 1997.
- McKenzie, Ross H.: Similarities between organic and cuprate superconductors (perspective). p820 31 Oct 1997.
- McLane, M. F. See Essex, M.
- McLeish, Tom: Fashioning flow by self-assembly (perspective). p1577 28 Nov 1997.
- McNamara, B. K. See Bromberg, Steven E.
- McNaughton, M. M. See McNaughton, S. J.
- McNaughton, S. J.; Banyikwa, F. F.; McNaughton, M. M.: Promotion of the cycling of diet-enhancing nutrients by African grazers. p1798 5 Dec 1997.
- McSween, H. Y., Jr. See Rieder, R.
- Mead, James G. See Heyning, John E.
- Meadows, Robert P. See Hajduk, Philip J.
- Meece, D. A. See Taylor, K. C.
- Meggetto, F. See Brousset, P.
- Meier, Roland. See Jewitt, David C.
- Meijer, E. W. See Sijbesma, Rint P.
- Mellinger, Andrew. See Cohen, Joel E.
- Mercurio, Frank; Zhu, Hengyi; Murray, Brion W.; Shevchenko, Andrej; Bennett, Brydon L.; Li, Jianwu; Young, David B.; Barbosa, Miguel; Mann, Matthias; Manning, Anthony; Rao, Anjana: IKK-1 and IKK-2: cytokine-activated I $\kappa$ B kinases essential for NF- $\kappa$ B activation. p860 31 Oct 1997.
- Merline, W. See Veverka, J.
- Mervis, Jeffrey (news): Indonesia opens the door for global climate studies. p1703 5 Dec 1997. Ra-
- DiUS draws a bead on U.S. R&D. p1392 21 Nov 1997.
- Michaels, Robert A.: Particulate matter policy (letter). p1696 5 Dec 1997.
- Michell, Robert H. See Larsson, Olof.
- Michiels, Frits. See Hordijk, Peter L.
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- Mikoshihita, Katsuhiko. See Kume, Shoen.
- Miller, Charles E. See Yung, Yuk L.
- Miller, J. K. See Yeomans, D. K.
- Milstein, David. See Töllner, Karl.
- Ming, Nai-ben. See Zhu, Shi-ning.
- Missouri Association for Agriculture, Biomedical Research and Education: Animal rights (letter). p559 24 Oct 1997.
- Mitchell, D. L. See Harmon, J. K.
- Miyakawa, Tsuyoshi; Yagi, Takeshi; Kitazawa, Hiromasa; Yasuda, Masahiro; Kawai, Nobufumi; Tsuboi, Kenta; Niki, Hiroaki: Fyn-kinase as a determinant of ethanol sensitivity: relation to NMDA-receptor function. p698 24 Oct 1997.
- Mizutani, Yasuhisa and Kitagawa, Teizo: Direct observation of cooling of heme upon photodissociation of carbonmonoxy myoglobin. p443 17 Oct 1997.
- Modlin, Robert L. See Moody, D. Branch.
- Moffat, Anne Simon (news): Teeth and bones tell their stories at Chicago meeting. p801 31 Oct 1997.
- Mogensen, C. T. See Hviid, S. F.
- Mohandas, Narla. See Pászty, Chris.
- Moir, Ralph W.: Fusion alternatives (letter). p2033 19 Dec 1997.
- Molnar, Peter. See England, Philip.
- Monkhorst, Hendrik J. See Rostoker, Norman.
- Moody, D. Branch; Reinhold, Bruce B.; Guy, Mark R.; Beckman, Evan M.; Frederique, Daphney E.; Furlong, Stephen T.; Ye, Song; Reinhold, Vernon N.; Sieling, Peter A.; Modlin, Robert L.; Besra, Gurdyal S.; Porcelli, Steven A.: Structural requirements for glycolipid antigen recognition by CD1b-restricted T cells. p283 10 Oct 1997.
- Mook, H. A. See Aepli, G.
- Mooney, Harold A. See Vitousek, Peter M.
- Moore, B., III. See Braswell, B. H.
- Moore, H. J. See Golombek, M. P.
- Moore, J. See Overpeck, J.
- Moore, J. P. See Pope, M.
- Moore, Patrick S. See Boshoff, Chris.
- Morell, Virginia (news): Antibiotic resistance: road of no return. p575 24 Oct 1997. Bacteria diversify through warfare. p575 24 Oct 1997. Biodiversity in a vial of sugar water. p390 17 Oct 1997. Counting creatures of the Serengeti, great and small. p2058 19 Dec 1997. How the malaria parasite manipulates its hosts. p223 10 Oct 1997. Natural selection's capricious ways. p390 17 Oct 1997. Return of the forest. p2059 19 Dec 1997. Sex frees viruses from genetic 'ratchet.' p1562 28 Nov 1997. Viruses scout evolution's path. p1563 28 Nov 1997.
- Morgan, Susan. See Ibba, Michael.
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- Morrison, John H. and Hof, Patrick R.: Life and death of neurons in the aging brain. p412 17 Oct 1997.
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- Morton, Oliver: First dolly, now headless tadpoles (news). p798 31 Oct 1997.
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- Muller, C. J. See Reed, M. A.
- Murchie, S. L. See Smith, P. H. See also Veverka, J.
- Murphy, Geoffrey G. and Glanzman, David L.: Mediation of classical conditioning in *Aplysia californ-*



nica by long-term potentiation of sensorimotor synapses. p467 17 Oct 1997.  
 Murphy, J. R. See Schofield, J. T.  
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 Murray, William M.: NEA funding (letter). p2031 19 Dec 1997.  
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 Muzio, Marta; Ni, Jian; Feng, Ping; Dixit, Vishva M.: IRAK (Pelle) family member IRAK-2 and MyD88 as proximal mediators of IL-1 signaling. p1612 28 Nov 1997.  
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 Myneni, S. C. B.; Tokunaga, T. K.; Brown, G. E., Jr.: Abiotic selenium redox transformations in the presence of Fe(II,III) oxides. p1106 7 Nov 1997.

## N, O and P

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 Nelsen, Stephen F.; Ismagilov, Rustem F.; Trieber, Dwight A., II: Adiabatic electron transfer: comparison of modified theory with experiment. p846 31 Oct 1997.  
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 Nestler, Eric J. and Aghajanian, George K.: Molecular and cellular basis of addiction. p58 3 Oct 1997.  
 New Jersey Association for Biomedical Research: Animal rights (letter). p559 24 Oct 1997.  
 Newman, Stuart A.: Genetic evolution of morphology (letter). p20 3 Oct 1997.  
 News and Editorial Staffs: Breakthrough of the year: the runners-up. p2039 19 Dec 1997.  
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 North Carolina Association for Biomedical Research: Animal rights (letter). p559 24 Oct 1997.  
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 Ollmann, Michael M.; Wilson, Brent D.; Yang, Ying-Kui; Kerns, Julie A.; Chen, Yanru; Gantz, Ira; Barsh, Gregory S.: Antagonism of central melanocortin receptors in vitro and in vivo by Agouti-related protein. p135 3 Oct 1997.  
 Olsen, K. B.; Madariaga, R.; Archuleta, R. J.: Three-dimensional dynamic simulation of the 1992 Landers earthquake. p834 31 Oct 1997.  
 Olsen, M. See Hviid, S. F.  
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 Oppo, Delia: Millennial climate oscillations (perspective). p1244 14 Nov 1997.  
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 Ossareh-Nazari, Batool; Bachelerie, Françoise; Dargemont, Catherine: Evidence for a role of CRMI in signal-mediated nuclear protein export. p141 3 Oct 1997.  
 Ostro, S. J. See Harmon, J. K.  
 Otto, S. P. See Feldman, M. W.  
 Ouyang, Qi; Kaplan, Peter D.; Liu, Shumao; Libchaber, Albert: DNA solution of the maximal clique problem. p446 17 Oct 1997.  
 Overpeck, J.; Hughen, K.; Hardy, D.; Bradley, R.; Case, R.; Douglas, M.; Finney, B.; Gajewski, K.; Jacoby, G.; Jennings, A.; Lamoureaux, S.; Lasca, A.; MacDonald, G.; Moore, J.; Retelle, M.; Smith, S.; Wolfe, A.; Zielinski, G.: Arctic environmental change of the last four centuries. p1251 14 Nov 1997.  
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 Owen, Tobias. See Jewitt, David C.  
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 Padian, Kevin: review of *Patterns and Processes of Vertebrate Evolution*, by Robert L. Carroll. p1083 7 Nov 1997.  
 Page, Carmen. See del Peso, Luis.  
 Page, David C. See Lahn, Bruce T.  
 Pal, Ranajit; Garzino-Demo, Alfredo; Markham, Phillip D.; Burns, Jennifer; Brown, Michelle; Gallo, Robert C.; DeVico, Anthony L.: Inhibition of HIV-1 infection by the  $\beta$ -chemokine MDC. p695 24 Oct 1997.  
 Papavasiliou, Fotini; Casellas, Rafael; Suh, Heikyung; Qin, Xiao-Feng; Besmer, Eva; Pelanda, Roberta; Nemazee, David; Rajewsky, Klaus; Nussenzweig, Michel C.: V(D)J recombination in mature B cells: a mechanism for altering antibody responses. p298 10 Oct 1997.  
 Park, Stephen K. See Aceves, Richard L.  
 Parker, T. J. See Golombek, M. P. See also Smith, P. H.  
 Parkinson, C. L. See Cavalieri, D. J.  
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 Parravicini, Carlo; Lauri, Eleonora; Baldini, Luca; Neri, Antonio; Poli, Francesca; Sirchia, Girolamo; Moroni, Mauro; Galli, Massimo; Corbel-

lino, Mario: Kaposi sarcoma-associated herpesvirus infection and multiple myeloma (technical comment). p1969 12 Dec 1997.  
 Pascard, H. See Suenaga, K.  
 Pászty, Chris; Brion, Catherine M.; Mancini, Elizabeth; Witkowska, H. Ewa; Stevens, Mary E.; Mohandas, Narla; Rubin, Edward M.: Transgenic knockout mice with exclusively human sickle hemoglobin and sickle cell disease. p876 31 Oct 1997.  
 Pawson, Tony and Scott, John D.: Signaling through scaffold, anchoring, and adaptor proteins. p2075 19 Dec 1997.  
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 Pennsylvania Society for Biomedical Research: Animal rights (letter). p559 24 Oct 1997.  
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 ——— and Sikorski, Robert (Tech.Sight): Aromatic probes. p1484 21 Nov 1997. BLAST off! p501 17 Oct 1997. Cookie monster? p1486 21 Nov 1997. Electronic vaccines. p502 17 Oct 1997. Patents online. p2145 19 Dec 1997.  
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 Plautz, Jeffrey D.; Kaneko, Maki; Hall, Jeffrey C.; Kay, Steve A.: Independent photoreceptive circadian clocks throughout *Drosophila*. p1632 28 Nov 1997.  
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 Ponder, Bruce: Genetic testing for cancer risk. p1050 7 Nov 1997.  
 Pope, M.; Ho, D. D.; Moore, J. P.; Weber, J.; Dittmar, M. T.; Weiss, R. A.: Different subtypes of HIV-1 and cutaneous dendritic cells (letter).

p786 31 Oct 1997.  
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 Porter, Glenn: review of *The One Best Way*, by Robert Kanigel. p594 24 Oct 1997.  
 Potera, Carol: Fishing for answers to whirling disease (news). p225 10 Oct 1997.  
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 Prigge, Sean T.; Kolhekar, Aparna S.; Eipper, Betty A.; Mains, Richard E.; Amzel, L. Mario: Amidation of bioactive peptides: the structure of peptidylglycine  $\alpha$ -hydroxylating monooxygenase. p1300 14 Nov 1997.  
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 Prusiner, Stanley B.: Prion diseases and the BSE crisis. p245 10 Oct 1997.  
 Pufahl, R. A.; Singer, C. P.; Peariso, K. L.; Lin, S.-J.; Schmidt, P. J.; Fahrni, C. J.; Culotta, V. Cizewski; Penner-Hahn, J. E.; O'Halloran, T. V.: Metal ion chaperone function of the soluble Cu(I) receptor Atx1. p853 31 Oct 1997.  
 Putterman, S. J. See Wright, William B.

## Q and R

Qin, X. R. and Lagally, M. G.: Adatom pairing structures for Ge on Si(100): the initial stage of island formation. p1444 21 Nov 1997.  
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ing milestone. p1887 12 Dec 1997. Journal of NIH research. p1887 12 Dec 1997. Just who needs this education? p2063 19 Dec 1997. Kicking the tobacco funding habit. p581 24 Oct 1997. Largest dino claw unearthed. p2063 19 Dec 1997. Linking trees to Tsunami. p1021 7 Nov 1997. Monkeypox not mutating. p1885 12 Dec 1997. Monsoons defy El Niño. p581 24 Oct 1997. The moon is back. p1885 12 Dec 1997. Name that boat. p41 3 Oct 1997. New alternative medicine watchdog. p581 24 Oct 1997. New IOM members. p1019 7 Nov 1997. New UNEP director. p2061 19 Dec 1997. NIH to explore St. John's wort. p391 17 Oct 1997. Odd visitor from the Oort cloud. p229 10 Oct 1997. On the scent of a data trail. p1407 21 Nov 1997. Overstimulated by early brain research? p1569 28 Nov 1997. Planetary chat. p391 17 Oct 1997. Probing procrastination. p1715 5 Dec 1997. Rabbit virus vectors named. p229 10 Oct 1997. Renaissance for Italian AIDS program. p2061 19 Dec 1997. Resolving into a jam. p1233 14 Nov 1997. Rush to excavate Montana dino. p227 10 Oct 1997. Satellite network for ecknowledge. p1233 14 Nov 1997. "Science wars" in California? p1885 12 Dec 1997. Secrets of Old Faithful. p393 17 Oct 1997. Sex, eyes, and videotape. p1571 28 Nov 1997. A special place for faces in the brain. p41 3 Oct 1997. Study finds students like a good show. p229 10 Oct 1997. Supergrid. p1571 28 Nov 1997. Telescope on stilts. p1231 14 Nov 1997. Thumbs up for acupuncture. p1231 14 Nov 1997. Top 10 authors of hot physical science papers. p1021 7 Nov 1997. A tree on the road to wellness. p1717 5 Dec 1997. Tuning in to rat whiskers. p809 31 Oct 1997. UN weighs in on cloning. p1407 21 Nov 1997. Vitamin C: bacterial antidote? p2061 19 Dec 1997. White House pass? p1231 14 Nov 1997. Women's health advocate moves to White House. p227 10 Oct 1997. World AIDS—the worst is still to come. p1715 5 Dec 1997.  
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 Redfearn, Judy (news): ESF hopes to be voice of European science. p1395 21 Nov 1997. Funder rejects RGO rescue plan. p2049 19 Dec 1997. New chief to go after industrial funding. p1395 21 Nov 1997.  
 Reed, M. A.; Zhou, C.; Muller, C. J.; Burgin, T. P.; Tour, J. M.: Conductance of a molecular junction. p252 10 Oct 1997.  
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 Rennie, John: Animal rights (letter). p557 24 Oct

1997.  
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 Rettig, Richard A.: review of *Beginnings Count*, by David J. Rothman. p1082 7 Nov 1997.  
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 Reynard, G. See Verma, R.  
 Rhodes, Frank H. T.: review of *Rules of the Game*, by Donald Kennedy. p1726 5 Dec 1997.  
 Rich, Thomas H.; Vickers-Rich, Patricia; Constantine, Andrew; Flannery, Timothy F.; Kool, Lesley; van Klaveren, Nicholas: A tribosphenic mammal from the Mesozoic of Australia. p1438 21 Nov 1997.  
 Richardson, Chris. See Géli, Louis.  
 Richman, Douglas D. See Finzi, Diana. See also Wong, Joseph K.  
 Richter, Wayne: Restoring ecosystems (letter). p997 7 Nov 1997.  
 Rieder, R. See Golombek, M. P.  
 ———; Economou, T.; Wänke, H.; Turkevich, A.; Crisp, J.; Brückner, J.; Dreibus, G.; McSween, H. Y., Jr.: The chemical composition of martian soil and rocks returned by the mobile alpha proton x-ray spectrometer: preliminary results from the x-ray mode. p1771 5 Dec 1997.  
 Riehle, Alexa; Grün, Sonja; Diesmann, Markus; Aertsen, Ad: Spike synchronization and rate modulation differentially involved in motor cortical function. p1950 12 Dec 1997.  
 Riesgo-Escovar, Juan R. and Hafen, Ernst: Common and distinct roles of DFos and DJun during *Drosophila* development. p669 24 Oct 1997.  
 Riezman, Howard: The ins and outs of protein translocation (perspective). p1728 5 Dec 1997.  
 Rignot, Eric; Gogineni, S. P.; Krabill, W. B.; Ekholm, S.: Mass balance of north Greenland (letter). p209 10 Oct 1997.  
 Rincón, Mercedes. See Chow, Chi-Wing.  
 Ritchie, Marjorie. See Schnieke, Angelika E.  
 Ritchie, Mark. See Tilman, David.  
 Ritchie, William A. See Schnieke, Angelika E.  
 Ritvo, Harriet: review of *Huxley*, by Adrian Desmond. p814 31 Oct 1997.  
 Roberts, Callum M.: Connectivity and management of Caribbean coral reefs. p1454 21 Nov 1997.  
 Roberts, Christopher J. See Hartwell, Leland H.  
 Roberts, Jeffrey: Control of the ribosome supply (perspective). p2073 19 Dec 1997.  
 Robinson, James. See Martin, Kathleen A.  
 Robinson, M. See Veverka, J.  
 Robitaille, Richard. See Di Prisco, Gonzalo Viana.  
 Rodan, Aylin. See Lin, Kui.  
 Rogers, Scott D. See Mantyh, Patrick W.  
 Rogers-Graham, Kelley S. See Mayo, Marty W.  
 Roosevelt, Anna C. See Jasanoff, Sheila.  
 Rosato, Ezio. See Sawyer, Lesley A.  
 Roscoe, H. K.; Jones, A. E.; Lee, A. M.: Midwinter start to Antarctic ozone depletion: evidence from observations and models. p93 3 Oct 1997.  
 Rose, R. See Harmon, J. K.  
 Rosema, K. D. See Harmon, J. K.  
 Rosenberg, Eric S.; Billingsley, James M.; Caliendo, Angela M.; Boswell, Steven L.; Sax, Paul E.; Kalams, Spyros A.; Walker, Bruce D.: Vigorous HIV-1-specific CD4<sup>+</sup> T cell responses associated with control of viremia. p1447 21 Nov 1997.  
 Ross, Callum. See Kay, Richard F.  
 Ross, D.; Rutledge, J. E.; Taborek, P.: Superfluid droplets on a solid surface. p664 24 Oct 1997.  
 Ross, Elliott M. See Tu, Yaping.  
 Ross, Wilma. See Gaal, Tamas.  
 Rostoker, Norman; Binderbauer, Michl W.; Monkhorst, Hendrik J.: Colliding beam fusion

reactor. p1419 21 Nov 1997. Fusion alternatives (letter). p2033 19 Dec 1997.

Rothe, Mike. *See* Woronicz, John D.

Roush, Wade (news): Fast-forward aging in a mutant mouse? p1013 7 Nov 1997. Information displays go 3D. p1398 21 Nov 1997. On the biotech pharm, a race to harvest new cancer cures. p1039 7 Nov 1997. Questions still roil the waters as MBL charts new course. p381 17 Oct 1997. A womb with a view. p1397 21 Nov 1997.

Rover Team: Characterization of the martian surface deposits by the Mars Pathfinder rover, Sojourner. p1765 5 Dec 1997.

Rowe, John W.: The new gerontology (editorial). p367 17 Oct 1997.

Rowen, Lee; Mahairas, Gregory; Hood, Leroy: Sequencing the human genome (viewpoint). p605 24 Oct 1997.

Rowley-Conwy, Peter A. *See* Evershed, Richard P.

Rozovsky, Irina. *See* Bonni, Azad.

Ruben, John A.; Jones, Terry D.; Geist, Nicholas R.; Hillenius, W. Jaap: Lung structure and ventilation in the theropod dinosaurs and early birds. p1267 14 Nov 1997.

Rubenstein, J. L. R. *See* Anderson, S. A.

Rubin, Edward M. *See* Pászty, Chris.

Ruediger, Nicole: (*Science's* next wave): Out of college and into a rewarding biotech career. p1823 5 Dec 1997. Work in clinical research—without a medical degree. p153 3 Oct 1997.

Rueffer, P. *See* Smith, P. H., *et al.*

Runkle, Deborah and Granger, Ellen: Animal rights (letter). p560 24 Oct 1997.

Russel, Marjorie. *See* Linderoth, Nora A.

Rust, H.-P. *See* Briner, B. G.

Rutledge, J. E. *See* Ross, D.

Ryan, T. M.; Ciavatta, D. J.; Townes, T. M.: Knock-out-transgenic mouse model of sickle cell disease. p873 31 Oct 1997.

## S

Sablontny, R. *See* Smith, P. H.

Sachs, Jeffrey. *See* Cohen, Joel E.

Said, J. W. *See* Rettig, M. B.

Sailer, Francis. *See* Young, Kevin D.

Sailor, Michael J.: Lamp enlightenment (letter). p2036 19 Dec 1997. *See also* Lin, Victor S.-Y.

Saito, Izumu. *See* Shibata, Hiroyuki.

Saito, Susumu: Carbon nanotubes for next-generation electronics devices (perspective). p77 3 Oct 1997.

Salamini, Francesco. *See* Heun, Manfred.

Saltzman, E. S. *See* Taylor, K. C.

Sanchez-Vives, Maria V. *See* Kim, Uhnoh.

Sant'Angelo, Derek B. *See* Denzin, Lisa K.

Sartania, S. *See* Spielmann, Ch.

Sarter, Martin and Bruno, John P.: Dopamine's role (letter). p1549 28 Nov 1997.

Sasaki, Takuma. *See* Boshoff, Chris.

Sato, Hiroshi. *See* Cui, Junqing. *See also* Kawano, Tetsu.

Sawyer, Lesley A.; Hennessy, J. Michael; Peixoto, Alexandre A.; Rosato, Ezio; Parkinson, Helen; Costa, Rodolfo; Kyriacou, Charalambos P.: Natural variation in a *Drosophila* clock gene and temperature compensation. p1117 19 Dec 1997.

Sax, Paul E. *See* Rosenberg, Eric S.

Sayanagi, Keizo. *See* Géli, Louis.

Scalaidhe, Séamas P. Ó; Wilson, Fraser A. W.; Goldman-Rakic, Patricia S.: Areal segregation of face-processing neurons in prefrontal cortex. p1135 7 Nov 1997.

Schädler, Volker. *See* Templin, Markus.

Schafer, James A. *See* Cowley, Allen W., Jr.

Schäfer-Pregl, Ralf. *See* Heun, Manfred.

Schedelbeck, Gert; Wegscheider, Werner; Bichler, Max; Abstreiter, Gerhard: Coupled quantum dots

fabricated by cleaved edge overgrowth: from artificial atoms to molecules. p1792 5 Dec 1997.

Scheeres, D. J. *See* Yeomans, D. K.

Scherer, Klaus; Fichtner, Horst; Anderson, John D.; Lau, Eunice L.: A pulsar, the heliosphere, and Pioneer 10: probable mimicking of a planet of PSR B1257+12 by solar rotation. p1919 12 Dec 1997.

Schilling, Govert (news): Dust disks may point way to exoplanets. p1707 5 Dec 1997. Probing a star's heart of crystal. p222 10 Oct 1997.

Schimel, D. S. *See* Braswell, B. H.

Schlissel, Mark S. *See* Han, Shuhua.

Schmidt, P. J. *See* Pufahl, R. A.

Schmitz, Birger; Peucker-Ehrenbrink, Bernhard; Lindström, Maurits; Tassinari, Mario: Accretion rates of meteorites and cosmic dust in the Early Ordovician. p88 3 Oct 1997.

Schneewind, Olaf. *See* Anderson, Deborah M.

Schnieke, Angelika E.; Kind, Alexander J.; Ritchie, William A.; Mycock, Karen; Scott, Angela R.; Ritchie, Marjorie; Wilmut, Ian; Colman, Alan; Campbell, Keith H. S.: Human factor IX transgenic sheep produced by transfer of nuclei from transfected fetal fibroblasts. p2130 19 Dec 1997.

Schnürer, M. *See* Spielmann, Ch.

Schofield, J. T. *See* Golombek, M. P.

\_\_\_\_\_; Barnes, J. R.; Crisp, D.; Haberle, R. M.; Larsen, S.; Magalhães, J. A.; Murphy, J. R.; Seiff, A.; Wilson, G.: The Mars Pathfinder atmospheric structure investigation/meteorology (ASI/MET) experiment. p1752 5 Dec 1997.

Schutkowski, Mike. *See* Yaffe, Michael B.

Schwartz, D. K. *See* Sikes, H. D.

Schweickart, Vicki L. *See* Boshoff, Chris.

ScienceScope: Academy makes fast track bid to Congress. p791 31 Oct 1997. Agencies, White House clash over 1999. p211 10 Oct 1997. Archive available for genetic studies. p1389 21 Nov 1997. Bangkok study adds fuel to AIDS ethics debate. p1553 28 Nov 1997. Biopatent rules get EU council's backing. p1699 5 Dec 1997. Brazilian rain forest to gain protection. p1699 5 Dec 1997. Canada launches sequencing center. p375 17 Oct 1997. Cancer clinicians lobby for peer panel. p1699 5 Dec 1997. Climate plan R&D: a lot of hot air? p791 31 Oct 1997. Clinical research panel advises fine-tuning. p1215 14 Nov 1997. Clinton ducks future R&D spending issue. p2045 19 Dec 1997. Clinton kills DOD asteroid mission . . . But comet flight gets green light. p563 24 Oct 1997. Clinton vetoes telescope project. p1003 7 Nov 1997. Congress keeps Brookhaven in limbo. p1215 14 Nov 1997. Congress may grant academy's wish. p1003 7 Nov 1997. Congress to reexamine biomedical priorities. p791 31 Oct 1997. Full court press to thwart Gallium Grab. p2045 19 Dec 1997. Ecologists to study life in the fast lane. p375 17 Oct 1997. EU opens R&D door for U.S. p1871 12 Dec 1997. Europe approves mission to Mars. p1553 28 Nov 1997. Firm pays dearly for suppressed study. p1003 7 Nov 1997. Flap on NEJM board over ethics articles. p211 10 Oct 1997. Hopes dim for revised species law. p1389 21 Nov 1997. In policy change, NIH funds marijuana study. p211 10 Oct 1997. Inventors' court victory worries universities. p2045 19 Dec 1997. Irish science headed for funding boost. p23 3 Oct 1997. Landmark FDA reform bill passed. p1215 14 Nov 1997. Lawmakers blast megachip deal. p375 17 Oct 1997. Ministers approve EU research overhaul. p1215 14 Nov 1997. NIH leery of clinical research bill. p375 17 Oct 1997. NIH panel urges methadone therapy. p1553 28 Nov 1997. NIH to end junior grant category. p1389 21 Nov 1997. No votes from research reactor? p2045 19 Dec 1997. NSF heeds watchdog selectively. p1871 12 Dec 1997. Panel looks to ITER alternatives. p563 24 Oct 1997. President cuts Ag

research 'pork.' p1699 5 Dec 1997. President to ink cliffhanger NAS bill. p1389 21 Nov 1997. Researcher will head Poland. p563 24 Oct 1997. Rough sledding ahead for FDA candidate? p1003 7 Nov 1997. Scientific leaders press for climate treaty. p23 3 Oct 1997. Scientists urge court to take academy case. p211 10 Oct 1997. Smoky Mountains all-taxa survey proposed. p1871 12 Dec 1997. Smoldering battle over saccharin heats up. p791 31 Oct 1997. Suit threatens Internet upgrade. p1215 14 Nov 1997. UNESCO drafts bioethics declaration. p23 3 Oct 1997. U.S. signs on to Collider project. p1871 12 Dec 1997. 'Virtual' money helps Internet project. p23 3 Oct 1997. White House simplifies R&D oversight. p1553 28 Nov 1997.

Scott, Angela R. *See* Schnieke, Angelika E.

Scott, J. Campbell: Conducting polymers: from novel science to new technology (perspective). p2071 19 Dec 1997.

Scott, J. P.; Elliot, Orville S.; Ginsburg, Benson E.: Man and his dog (letter). p205 10 Oct 1997.

Scott, John D. *See* Pawson, Tony.

Seama, Nobukazu. *See* Géli, Louis.

Segal, Sheldon J.: Affection for the MBL (letter). p1209 14 Nov 1997.

Segura, M. *See* McCord, T. B.

Seiff, A. *See* Schofield, J. T.

Sekiguchi, M. *See* Taddei, F.

Sensi, Stefano L. *See* Yu, Shan Ping.

Service, Robert F. (news): Chemistry prize tops the energy of life. p579 24 Oct 1997. High-temperature mystery heats up. p1879 12 Dec 1997. Lining up proteins for NMR. p1015 7 Nov 1997. Materials researchers pick up the pace of discovery. p2056 19 Dec 1997. Near the lights of Vegas, chemists are on a roll. p32 3 Oct 1997. Olefin catalyst keeps things short. p33 3 Oct 1997. Panel sets out cuts under tight budget. p377 17 Oct 1997. Patterning electronics on the cheap. p383 17 Oct 1997. Versatile chemical sensors take two steps forward. p806 31 Oct 1997.

Settles, A. Mark; Yonetani, Ann; Baron, Aimee; Bush, Daniel R.; Cline, Kenneth; Martienssen, Rob: Sec-independent protein translocation by the maize Hcf106 protein. p1467 21 Nov 1997.

Severinghaus, J. P. *See* Taylor, K. C.

Shah, Anjana. *See* Géli, Louis.

Shao, Renfan. *See* Link, Darren R.

Shapiro, Allan D. *See* Century, Karen S.

Shapiro, Arthur M.: Restoring ecosystems (letter). p998 7 Nov 1997.

Sharp, T. *See* Hacker, B. R.

Shen, Guoyin. *See* Mao, Ho-kwang.

Shen, Minhui. *See* Yaffe, Michael B.

Shen, Xiao A.; Nguyen, An-Dien; Perry, John W.; Huestis, David L.; Kachru, Ravinder: Time-domain holographic digital memory. p96 3 Oct 1997.

Sheng, Hui Z.; Moriyama, Kenji; Yamashita, Tsuyoshi; Li, Hung; Potter, S. Steven; Mahon, Kathleen A.; Westphal, Heimer: Multistep control of pituitary organogenesis. p1809 5 Dec 1997.

Shepherd, Gordon M. *See* Chen, Wei R.

Shevchenko, Andrej. *See* Mercurio, Frank.

Shi, L. *See* Anderson, S. A.

Shiba, Kiyotaka. *See* Shibata, Hiroyuki.

Shibata, Hiroyuki; Toyama, Kaoru; Shioya, Hisashi; Ito, Masaki; Hirota, Morihisa; Hasegawa, Sumitaka; Matsumoto, Hiroshi; Takano, Hiroshi; Akiyama, Tetsu; Toyoshima, Kumao; Kanamaru, Ryunosuke; Kanegae, Yumi; Saito, Izumu; Nakamura, Yusuke; Shiba, Kiyotaka; Noda, Tetsuo: Rapid colorectal adenoma formation initiated by conditional targeting of the *Apc* gene. p120 3 Oct 1997.

Shima, Seigo. *See* Ermler, Ulrich.

Shimoda, Michiko. *See* Han, Shuhua.

Shin, Tahiro. *See* Cui, Junqing.

- Shioya, Hisashi. See Shibata, Hiroyuki.
- Shoemaker, E. M. See Nozette, S.
- Showers, William. See Bond, Gerard.
- Shuai, Ke. See Chung, Chan D.
- Siani, Michael A. See Boshoff, Chris.
- Sidransky, David: Nucleic acid-based methods for the detection of cancer. p1054 7 Nov 1997.
- Siegelman, Mark H. See DeGrendele, Heather C.
- Sieling, Peter A. See Moody, D. Branch.
- Siemann, Evan. See Tilman, David.
- Sijbesma, Rint P.; Beijer, Felix H.; Brunsveld, Luc; Folmer, Brigitte J. B.; Hirschberg, J. H. K. Ky; Lange, Ronald F. M.; Lowe, Jimmy K. L.; Meijer, E. W.: Reversible polymers formed from self-complementary monomers using quadruple hydrogen bonding. p1601 28 Nov 1997.
- Sikes, H. D. and Schwartz, D. K.: Two-dimensional melting of an anisotropic crystal observed at the molecular level. p1604 28 Nov 1997.
- Sikorski, Robert. See Peters, Richard.
- and Peters, Richard (Tech.Sight): Capturing genes. p2143 19 Dec 1997. Cell shocked. p2143 19 Dec 1997. Internet photoshopping. p1486 21 Nov 1997. "Lighting" rods. p1485 21 Nov 1997. Microsoft macrovirology. p503 17 Oct 1997. Pacified passwords. p2144 19 Dec 1997. Worlds collide. p501 17 Oct 1997.
- Silhavy, Thomas J.: Death by lethal injection (perspective). p1085 7 Nov 1997.
- Siliciano, Robert F. See Finzi, Diana.
- Simon, Martha N. See Linderth, Nora A.
- Simone, Donald A. See Mantyh, Patrick W.
- Simons, Andrew M. See Bemis, William E.
- Simons, Elwyn L. See Bloch, Jonathan I.
- Singer, C. P. See Pufahl, R. A.
- Sirchia, Girolamo. See Parravicini, Carlo.
- Sjöholm, Åke. See Larsson, Olof.
- Slade, M. A. See Harmon, J. K.
- Small, Christopher. See Cohen, Joel E.
- Smalley, R. E. See Collins, Philip G.
- Smith, David. See Burns, Joseph A.
- Smith, P. See Hviid, S. F.
- Smith, P. H. See Golombek, M. P.
- ; Bell, J. F., III; Bridges, N. T.; Britt, D. T.; Gaddis, L.; Gliem, F.; Greeley, R.; Hviid, S.; Keller, H. U.; Herkenhoff, K. E.; Jaumann, R.; Johnson, J. R.; Kirk, R. L.; Lemmon, M.; Maki, J. N.; Malin, M. C.; Murchie, S. L.; Oberst, J.; Parker, T. J.; Reid, R. J.; Rueffer, P.; Sablotny, R.; Soderblom, L. A.; Stoker, C.; Sullivan, R.; Thomas, N.; Tomasko, M. G.; Ward, W.; Wegryn, E.: Results from the Mars pathfinder camera. p1758 5 Dec 1997.
- Smith, S. See Overpeck, J.
- Smythe, W. D. See McCord, T. B.
- Sneh, Ofer. See Klaus, Jason W.
- Snyder, Gregory A. See Lee, Der-Chuen.
- Soderblom, L. A. See Smith, P. H.
- Sodroski, Joseph. See Martin, Kathleen A.
- Söll, Dieter. See Ibba, Michael.
- Sommer, Ralf J. See Eizinger, Andreas.
- Sommer, Thomas. See Biederer, Thomas.
- Sondag, Michael. See Anderson, Lynn C.
- Soto-Ramirez, L. See Essex, M.
- Spielmann, Ch.; Burnett, N. H.; Sartania, S.; Kopitsch, R.; Schnürer, M.; Kan, C.; Lenzner, M.; Wobraschek, P.; Krausz, F.: Generation of coherent x-rays in the water window using 5-femtosecond laser pulses. p661 24 Oct 1997.
- Spina, Celsa A. See Wong, Joseph K.
- Spiro, Thomas G.: Resonance Raman results: retraction (letter). p21 3 Oct 1997.
- Sporn, Michael B. See Hong, Waun Ki.
- Sprang, Stephen R. See Sunahara, Roger K. See also Tesmer, John J. G.
- Springer, Matthew L. See Kang, Sang-Mo.
- Sprinzak, D. See Stewart, D. R.
- Spudis, P. See Nozette, S.
- Srivastava, Pramod K. See Tamura, Yasuaki.
- Stachel, John. See Corry, Leo.
- Stacy, N. J. S.; Campbell, D. B.; Ford, P. G.: The possibility of ice on the moon (technical comment). p145 3 Oct 1997.
- Stahl, Neil. See Bonni, Azad.
- Standish, E. M. See Folkner, W. M.
- Stansberry, J. A. See Elliot, J. L.
- Stark, George R. See Kumar, Aseem.
- Starzer, Wolfgang. See Reeh, Niels.
- Staskawicz, Brian J. See Century, Karen S.
- Stenchikov, G. See Dickerson, R. R.
- Stevens, Mary E. See Pászty, Chris.
- Stewart, D. R.; Sprinzak, D.; Marcus, C. M.; Duruöz, C. I.; Harris, J. S., Jr.: Correlations between ground and excited state spectra of a quantum dot. p1784 5 Dec 1997.
- Stock, Peter G. See Kang, Sang-Mo.
- Stoeckert, C. J. See Lau, Henry T.
- Stöffler, Dieter: Minerals in the deep earth: a message from the asteroid belt (perspective). p1576 28 Nov 1997.
- Stoker, C. See Smith, P. H.
- Stone, Richard (news): An antidote to bioproliferation. p1222 14 Nov 1997. An element of stability. p571 24 Oct 1997. Fossil hunters seek ways to bring their field alive. p219 10 Oct 1997. Germany puts money on peer review. p792 31 Oct 1997. Public acceptance fuels biotech boom. p792 31 Oct 1997. Storm aborts Antarctic drilling project. p1007 7 Nov 1997.
- Strahle, Uwe. See Blader, Patrick.
- Street-Perrott, F. Alayne; Huang, Yongsong; Perrott, R. Alan; Eglinton, Geoffrey; Barker, Philip; Khelifa, Leila Ben; Harkness, Douglas D.; Olago, Daniel O.: Impact of lower atmospheric carbon dioxide on tropical mountain ecosystems. p1422 21 Nov 1997.
- Stucky, Galen D. See Bu, Xianhui. See also Tolbert, Sarah H.
- Studitsky, Vasily M.; Kassavetis, George A.; Geiduschek, E. Peter; Felsenfeld, Gary: Mechanism of transcription through the nucleosome by eukaryotic RNA polymerase. p1960 12 Dec 1997.
- Stuehr, Dennis J. See Crane, Brian R.
- Stukenberg, P. Todd. See Yaffe, Michael B.
- Stura, Enrico A. See Barbas, Carlos F., III.
- Suda, Takashi. See Hueber, Anne-Odile.
- Sudmeier, James L. See Ash, Elissa L.
- Suenaga, K.; Colliex, C.; Demoncey, N.; Loiseau, A.; Pascard, H.; Willaime, F.: Synthesis of nanoparticles and nanotubes with well-separated layers of boron nitride and carbon. p653 24 Oct 1997.
- Suga, Kei. See Kume, Shoen.
- Suh, Heikyung. See Papavasiliou, Fotini.
- Sullivan, R. See Smith, P. H.
- Sun, R. See Rettig, M. B.
- Sun, Yi. See Bonni, Azad.
- Sunahara, Roger K. See Tesmer, John J. G.
- ; Tesmer, John J. G.; Gilman, Alfred G.; Sprang, Stephen R.: Crystal structure of the adenyl cyclase activator  $G_{sa}$ . p1943 12 Dec 1997.
- Sundquist, Wesley I. See Gamble, Theresa R.
- Surman, Michael J. See Denzin, Lisa K.
- Sutthent, R. See Essex, M.
- Swinney, Harry L. See Weeks, Eric R.
- Synnott, S. P. See Yeomans, D. K.
- Synolakis, Costas; Liu, Philip; Carrier, George; Yeh, Harry: Tsunamiogenic sea-floor deformations (perspective). p598 24 Oct 1997.
- Szankasi, Philippe. See Hartwell, Leland H.
- errors caused by oxidative damage. p128 3 Oct 1997.
- Tainer, John A. See Crane, Brian R.
- Takano, Hiroshi. See Shibata, Hiroyuki.
- Takeuchi, Yasuhiro. See Boshoff, Chris.
- Tamura, Yasuaki; Peng, Ping; Liu, Kang; Daou, Maria; Srivastava, Pramod K.: Immunotherapy of tumors with autologous tumor-derived heat shock protein preparations. p117 3 Oct 1997.
- Tang, Jay. See Kothakota, Srinivas.
- Taniguchi, Masaru. See Cui, Junqing. See also Kawano, Tetsu.
- Tanzi, Rudolph E. See Finch, Caleb E.
- Tarucha, S. See Kouwenhoven, L. P.
- Tassinari, Mario. See Schmitz, Birger.
- Tatusov, Roman L.; Koonin, Eugene V.; Lipman, David J.: A genomic perspective on protein families. p631 24 Oct 1997.
- Taubes, Gary (news): Apocalypse not. p1004 7 Nov 1997. Photonic crystal made to work at an optical wavelength. p1709 5 Dec 1997. Salvation in a snippet of DNA? p1711 5 Dec 1997. Theorists nix distant antimatter galaxies. p226 10 Oct 1997. Ways to vary the gene vaccine theme. p1713 5 Dec 1997. Yale virus collection needs a home. p1878 12 Dec 1997.
- Taylor, Jean E. See Jasanoff, Sheila.
- Taylor, K. C.; Mayewski, P. A.; Alley, R. B.; Brook, E. J.; Gow, A. J.; Grootes, P. M.; Meese, D. A.; Saltzman, E. S.; Severinghaus, J. P.; Twickler, M. S.; White, J. W. C.; Whitlow, S.; Zielinski, G. A.: The Holocene-Younger Dryas transition recorded at Summit, Greenland. p825 31 Oct 1997.
- Taylor, Kenneth L.: review of *Buffon*, by Jacques Roger. p1409 21 Nov 1997.
- Taylor, Lawrence A. See Lee, Der-Chuen.
- Templin, Markus; Franck, Achim; Du Chesne, Alexander; Leist, Heike; Zhang, Yuanming; Ulrich, Ralph; Schädlér, Volker; Wiesner, Ulrich: Organically modified aluminosilicate mesostructures from block copolymer phases. p1795 5 Dec 1997.
- ten Klooster, Jean Paul. See Hordijk, Peter L.
- Tesmer, John J. G. See Sunahara, Roger K.
- ; Sunahara, Roger K.; Gilman, Alfred G.; Sprang, Stephen R.: Crystal structure of the catalytic domains of adenyl cyclase in a complex with  $G_{sa}$ ·GTP $\gamma$ S. p1907 12 Dec 1997.
- Tessman, Irwin and Tessman, Jack: Troubling matters (letter). p561 24 Oct 1997.
- Tessman, Jack. See Tessman, Irwin.
- Texas Society for Biomedical Research: Animal rights (letter). p559 24 Oct 1997.
- Thauer, Rudolf K. See Ermler, Ulrich.
- Thess, Andreas. See Collins, Philip G.
- Thiemens, Mark H. See Cliff, Steven S.
- Thomas, M. L. See Harmon, J. K.
- Thomas, N. See Smith, P. H.
- Thomas, P. See Veverka, J.
- Thompson, Kevin: NEA funding (letter). p2031 19 Dec 1997.
- Thomsen, Henrik Højmark. See Reeh, Niels.
- Thordsen, J. See Kennedy, B. M.
- Thomer, Jeremy. See Inouye, Carla.
- Tian, Min. See Yu, Shan Ping.
- Tian, Yudong. See Weeks, Eric R.
- Tiedemann, Ralph: Sexual selection in Asian elephants (letter). p1550 28 Nov 1997.
- Tilman, David; Naeem, Shahid; Knops, Johannes; Reich, Peter; Siemann, Evan; Wedin, David; Ritchie, Mark; Lawton, John: Biodiversity and ecosystem properties (letter). p1866 12 Dec 1997.
- Tjandra, Nico and Bax, Ad: Direct measurement of distances and angles in biomolecules by NMR in a dilute liquid crystalline medium. p1111 7 Nov 1997.
- Todd, Nancy E. See Behrensmeier, Anna K.
- Tokunaga, T. K. See Myneni, S. C. B.
- Tolbert, Sarah H.; Firouzi, Ali; Stucky, Galen D.

## T, U and V

- Taborek, P. See Ross, D.
- Taddei, F.; Hayakawa, H.; Bouton, M.-F.; Cirinesi, A.-M.; Matic, I.; Sekiguchi, M.; Radman, M.: Counteraction by MutT protein of transcriptional

- Chmelka, Bradley F.: Magnetic field alignment of ordered silicate-surfactant composites and mesoporous silica. p264 10 Oct 1997.
- Töllner, Karl; Popovitz-Biro, Ronit; Lahav, Meir; Milstein, David: Impact of molecular order in Langmuir-Blodgett films on catalysis. p2100 19 Dec 1997.
- Tomasko, M. G. See Smith, P. H.
- Tonegawa, Susumu. See Malmberg, Annika B.
- Tonks, Nicholas K. See Bennett, Anton M.
- Torelli, Giuseppe. See Whitby, Denise.
- Tour, J. M. See Reed, M. A.
- Toura, Isao. See Cui, Junqing. See also Kawano, Tetsu.
- Townes, T. M. See Ryan, T. M.
- Toyama, Kaoru. See Shibata, Hiroyuki.
- Toyoshima, Kumao. See Shibata, Hiroyuki.
- Tran Quang, Christine. See Lacroinque, Virginie.
- Trieber, Dwight A., II. See Nelsen, Stephen F.
- Trimble, Stanley W.: Contribution of stream channel erosion to sediment yield from an urbanizing watershed. p1442 21 Nov 1997.
- Tsai, Ming-Jer. See Krishnan, Venkatesh.
- Tsai, Sophia Y. See Krishnan, Venkatesh.
- Tsuboi, Kenta. See Miyakawa, Tsuyoshi.
- Tu, Yaping; Wang, Jun; Ross, Elliott M.: Inhibition of brain G<sub>γ</sub> GAP and other RGS proteins by palmitoylation of G protein α subunits. p1132 7 Nov 1997.
- Tulpule, Anil. See Masood, Rizwan.
- Turkevich, A. See Rieder, R.
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- Ungar, G. See Hudson, S. D.
- Urbach, J. S. See Weeks, Eric R.
- Vajdos, Felix F. See Gamble, Theresa R.
- Valentine, Joan Selverstone and Gralla, Edith Butler: Delivering copper inside yeast and human cells (perspective). p817 31 Oct 1997.
- van Bergen, Pim F. See Evershed, Richard P.
- van den Beld, Annewiekew. See Lamberts, Steven W. J.
- van der Kammen, Rob A. See Hordijk, Peter L.
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- Van Etten, James L. See DeAngelis, Paul L.
- van Klaveren, Nicholas. See Rich, Thomas H.
- Varnerin, Jeffrey. See Boston, Bruce A.
- Varnum, Michael D. and Zagotta, William N.: Interdomain interactions underlying activation of cyclic nucleotide-gated channels. p110 3 Oct 1997.
- Vaughan, R. M. See Golombek, M. P.
- Venter, J. Craig. See Caplan, Arthur.
- Verma, R.; Annan, R. S.; Huddleston, M. J.; Carr, S. A.; Reynard, G.; Deshaies, R. J.: Phosphorylation of Sic1p by G<sub>1</sub> Cdk required for its degradation and entry into S phase. p455 17 Oct 1997.
- Verschoor, Adriana. See Beckmann, Roland.
- Vescio, R. A. See Rettig, M. B.
- Veselits, Margaret L. See Kuo, Chay T.
- Veverka, J.; Thomas, P.; Harch, A.; Clark, B.; Bell, J. F., III; Carcich, B.; Joseph, J.; Chapman, C.; Merline, W.; Robinson, M.; Malin, M.; McFadden, L. A.; Murchie, S.; Hawkins, S. E., III; Farquhar, R.; Izenberg, N.; Cheng, A.: NEAR's flyby of 253 Mathilde: images of a C asteroid. p2109 19 Dec 1997.
- Vickers-Rich, Patricia. See Rich, Thomas H.
- Vilà, Carles; Maldonado, Jesús; Amorim, Isabel R.; Wayne, Robert K.; Crandall, Keith A.; Honeycutt, Rodney L.: Man and his dog (letter). p206 10 Oct 1997.
- Vincent, Edith. See Beaufort, Luc.
- Visintin, Rosella; Prinz, Susanne; Amon, Angelika: CDC20 and CDH1: a family of substrate-specific activators of APC-dependent proteolysis. p460 17 Oct 1997.
- Visocekas, F. See Andrault, D.
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- Vithayasai, P. See Essex, M.
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- Vitousek, Peter M. and Mooney, Harold A.: Estimates of coastal populations (letter). p1212 14 Nov 1997.
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- Vogel, Gretchen (news): B cells may propagate prions. p2050 19 Dec 1997. Cocaine wreaks subtle damage on developing brains. p38 3 Oct 1997. Making the most of a short life. p1008 7 Nov 1997. Pinning down cell division. p1883 12 Dec 1997. Prusiner recognized for once-heretical prion theory. p214 10 Oct 1997. Senate hears testimony supporting OAM. p378 17 Oct 1997. Students don't measure up to standards. p794 31 Oct 1997.
- Völkening, S. See Wintterlin, J.
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- von Bülow, Götz-Ulrich and Bram, Richard J.: NF-AT activation induced by a CAML-interacting member of the tumor necrosis factor receptor superfamily. p138 3 Oct 1997.
- von Schwedler, Uta K. See Gamble, Theresa R.
- Voss, David: Webwatch: p81 3 Oct 1997; p1089 7 Nov 1997; p1730 5 Dec 1997.
- Vothknecht, Ute C. See Ibba, Michael.

## W, X, Y and Z

- Wahlen, Martin. See Rahn, Thom.
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- Wang, Jin Hai. See Attard, George S.
- Wang, Jun. See Tu, Yaping.
- Wänke, H. See Rieder, R.
- Ward, W. See Smith, P. H.
- Wardle, David A.; Zackrisson, Olle; Hornberg, Greger; Gallet, Christiane: Biodiversity and ecosystem properties (letter). p1867 12 Dec 1997.
- Washington Association for Biomedical Research: Animal rights (letter). p559 24 Oct 1997.
- Wasi, C. See Essex, M.
- Watson, Andrew (news): Clusters point to never-ending universe. p1402 21 Nov 1997. Cosmologists celebrate the death of defects. p574 24 Oct 1997. Teleportation beams up a quantum state. p1881 12 Dec 1997.
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- Weber, J. See Pope, M.
- Wedin, David. See Tilman, David.
- Weeks, Eric R.; Tian, Yudong; Urbach, J. S.; Ide, Kayo; Swinney, Harry L.; Ghil, Michael: Transitions between blocked and zonal flows in a rotating annulus with topography. p1598 28 Nov 1997.
- Wegryn, E. See Smith, P. H.
- Wegscheider, Werner. See Schedelbeck, Gert.
- Weidenschilling, S. J.: The possibility of ice on the moon (technical comment). p144 3 Oct 1997.
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- Weiss, Peter: Laser-fusion hot spot to migrate east (news). p1394 21 Nov 1997.
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- Welsh, Piri L. See Lynch, Eric D.
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- Westphal, Heiner. See Sheng, Hui Z.
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- Whitby, Denise; Boshoff, Chris; Luppi, Mario; Torelli, Giuseppe: Kaposi's sarcoma-associated herpesvirus infection and multiple myeloma (technical comment). p1971 12 Dec 1997.
- White, J. W. C. See Taylor, K. C.
- Whitlow, S. See Taylor, K. C.
- Whitman, James, Jr. See Masood, Rizwan.
- Wickelgren, Ingrid (news): The big easy serves up a feast to visiting neuroscientists. p1404 21 Nov 1997. Biologists catch their first detailed look at NO enzyme. p389 17 Oct 1997. Getting the brain's attention. p35 3 Oct 1997.
- Widom, Jonathan: Getting around the nucleosomes (perspective). p1899 12 Dec 1997.
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- Williams, B. G. See Yeomans, D. K.
- Williams, Blythe A. See Kay, Richard F.
- Williams, D. F.; Peck, J.; Karabanov, E. B.; Prokopenko, A. A.; Kravchinsky, V.; King, J.; Kuzmin, M. I.: Lake Baikal record of continental climate response to orbital insolation during the past 5 million years. p1114 7 Nov 1997.
- Williams, Lewis T. See Kothakota, Srinivas.
- Williams, Nigel (news): Academics fear research cuts to pay overhead costs. p1009 7 Nov 1997. Britain stresses need for action. p217 10 Oct 1997. Cold War thaw leads to turmoil in NATO science. p795 31 Oct 1997. Consensus on African research projects. p1393 21 Nov 1997. Drug companies decline to collaborate. p1704 5 Dec 1997. Editors seek ways to cope with fraud. p1221 14 Nov 1997. El Niño slows greenhouse gas buildup? p802 31 Oct 1997. EMBL's outward expansion strains its core facility. p1875 12 Dec 1997. New studies affirm BSE-human link. p31 3 Oct 1997. Population research center launched. p380 17 Oct 1997. Rain forest fragments fare poorly. p1016 7 Nov 1997. Staff makes bid to privatize observatory. p29 3 Oct 1997.
- Williams, Timothy J. See Boshoff, Chris.
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- Winchester, Vanessa: High over the permafrost (letter). p997 7 Nov 1997.
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- Wintterlin, J.; Völkening, S.; Janssens, T. V. W.; Zambelli, T.; Ertl, G.: Atomic and macroscopic reaction rates of a surface-catalyzed reaction. p1931 12 Dec 1997.
- Wisconsin Association for Biomedical Research: Animal rights (letter). p559 24 Oct 1997.
- Witkowska, H. Ewa. See Pászty, Chris.
- Wobraschek, P. See Spielmann, Ch.
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- Wolfe, A. See Overpeck, J.
- Wong, Joseph K.; Hezareh, Marjan; Günthard, Huldrych F.; Havlir, Diane V.; Ignacio, Caroline C.; Spina, Celsa A.; Richman, Douglas D.: Recovery of replication-competent HIV despite prolonged suppression of plasma viremia. p1291 14 Nov 1997.
- Wood, B. J.: Hydrogen: an important constituent of the core? (perspective). p1727 5 Dec 1997.
- Woodfolk, Judith A. See Platts-Mills, Thomas A. E.
- Woolley, Mary: Animal rights (letter). p557 24 Oct 1997.

- Wooster, Warren S.: Squirring over "grant writing" (letter). p209 10 Oct 1997.
- Woronicz, John D.; Gao, Xiong; Cao, Zhaodan; Rothe, Mike; Goeddel, David V.:  $\text{I}\kappa\text{B}$  kinase- $\beta$ : NF- $\kappa\text{B}$  activation and complex formation with  $\text{I}\kappa\text{B}$  kinase- $\alpha$  and NIK. p866 31 Oct 1997.
- Worthylake, David K. See Gamble, Theresa R.
- Woutersen, S.; Emmerichs, U.; Bakker, H. J.: Femtosecond mid-IR pump-probe spectroscopy of liquid water: evidence for a two-component structure. p658 24 Oct 1997.
- Wright, William B.; Budakian, R.; Pine, D. J.; Putterman, S. J.: Imaging of intermittency in ripple-wave turbulence. p1609 28 Nov 1997.
- Wu, Chaoqun. See Crane, Brian R.
- Wu, Yan; Kuzma, Jennifer; Maréchal, Eric; Graeff, Richard; Lee, Hon Cheung; Foster, Randy; Chua, Nam-Hai: Abscisic acid signaling through cyclic ADP-ribose in plants. p2126 19 Dec 1997.
- Wuebbles, Donald J. and Calm, James M.: An environmental rationale for retention of endangered chemicals (policy forum). p1090 7 Nov 1997.
- Wuethrich, Bernice (news): Will fossil from down under upend mammal evolution? p1401 21 Nov 1997.
- Wyatt, Richard. See Martin, Kathleen A.
- Wyss, Max: Cannot earthquakes be predicted? (technical comment). p487 17 Oct 1997.
- Xu, Jian. See Yaffe, Michael B.
- Xu, Yingbiao. See Zhao, Dapeng.
- Yaffe, Michael B.; Schutkowski, Mike; Shen, Min-hui; Zhou, Xiao Zhen; Stukenberg, P. Todd; Rahfield, Jens-Ulrich; Xu, Jian; Kuang, Jian; Kirschner, Marc W.; Fischer, Gunter; Cantley, Lewis C.; Lu, Kun Ping: Sequence-specific and phosphorylation-dependent proline isomerization: a potential mitotic regulatory mechanism. p1957 12 Dec 1997.
- Yagi, Takeshi. See Miyakawa, Tsuyoshi.
- Yamamoto, Michiko. See Géli, Louis.
- Yamashita, Tsuyoshi. See Sheng, Hui Z.
- Yancopoulos, George D. See Bonni, Azad.
- Yang, Haw. See Bromberg, Steven E.
- Yang, Ying-Kui. See Ollmann, Michael M.
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- Yeh, Chen-Hsiung. See Yu, Shan Ping.
- Yeh, Harry. See Synolakis, Costas.
- Yeomans, D. K. See Harmon, J. K.
- ; Barriot, J.-P.; Dunham, D. W.; Farquhar, R. W.; Giorgini, J. D.; Helfrich, C. E.; Konopliv, A. S.; McAdams, J. V.; Miller, J. K.; Owen, W. M., Jr.; Scheeres, D. J.; Synnott, S. P.; Williams, B. G.: Estimating the mass of asteroid 253 Mathilde from tracking data during the NEAR flyby. p2106 19 Dec 1997.
- Yeston, J. S. See Bromberg, Steven E.
- Ying, Howard S. See Yu, Shan Ping.
- Yoder, C. F. See Folkner, W. M.
- Yonetani, Ann. See Settles, A. Mark.
- Yoo, Sanghee. See Gamble, Theresa R.
- Young, Andrew M. J. See Gray, Jeffrey A.
- Young, David B. See Mercurio, Frank.
- Young, Kevin D.; Hill, Thomas; Flower, Ann; Sailer, Francis: Corporate philanthropy (letter). p1865 12 Dec 1997.
- Yu, Shan Ping; Yeh, Chen-Hsiung; Sensi, Stefano L.; Gwag, Byoung J.; Canzoniero, Lorella M. T.; Farhangrazi, Z. Shadi; Ying, Howard S.; Tian, Min; Dugan, Laura L.; Choi, Dennis W.: Mediation of neuronal apoptosis by enhancement of outward potassium current. p114 3 Oct 1997.
- Yuan, D. N. See Folkner, W. M.
- Yung, Yuk L. and Miller, Charles E.: Isotopic fractionation of stratospheric nitrous oxide. p1778 5 Dec 1997.
- Yurke, Bernard. See Dogterom, Marileen.
- Zackrisson, Olle. See Wardle, David A.
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- Zaidel, Dahlia W.: NEA funding (letter). p2031 19 Dec 1997.
- Zambelli, T. See Wintterlin, J.
- Zettl, A. See Collins, Philip G.
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- Zhang, Yuanming. See Templin, Markus.
- Zhao, Dapeng; Xu, Yingbiao; Wiens, Douglas A.; Dorman, LeRoy; Hildebrand, John; Webb, Spahr: Depth extent of the Lau back-arc spreading center and its relation to subduction processes. p254 10 Oct 1997.
- Zheng, Biao. See Han, Shuhua.
- Zheng, Chang-Jiang. See Guo, Sun-Wei.
- Zheng, Tong. See Masood, Rizwan.
- Zhong, Guofu. See Barbas, Carlos F., III.
- Zhou, C. See Reed, M. A.
- Zhou, Xiao Zhen. See Yaffe, Michael B.
- Zhu, Hengyi. See Mercurio, Frank.
- Zhu, Shi-ning; Zhu, Yong-yuan; Ming, Nai-ben: Quasi-phase-matched third-harmonic generation in a quasi-periodic optical superlattice. p843 31 Oct 1997.
- Zhu, Yong-yuan. See Zhu, Shi-ning.
- Zielinski, G. A. See Overpeck, J. See also Taylor, K. C.
- Zinkernagel, Rolf M.: Gene technology and democracy (editorial). p1207 14 Nov 1997.
- Zonana, Howard: The civil commitment of sex offenders (policy forum). p1248 14 Nov 1997.
- Zörnig, Martin. See Hueber, Anne-Odile.
- Zou, Hongyan. See Laufer, Ed.
- Zuk, Marlene: review of *Rachel Carson*, by Linda Lear. p1976 12 Dec 1997.
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