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- Egelman, Edward H. See Stasiak, Andrzej.
- Eggert, S. L. See Wallace, J. B.
- Eglington, Timothy I.; Benitez-Nelson, Bryan C.; Pearson, Ann; McNichol, Ann P.; Bauer, James E.; Druffel, Ellen R. M.: Variability in radiocarbon ages of individual organic compounds from marine sediments. p796 8 Aug 1997.
- Ehrenstein, David (news): Conjuring matter from light. p1202 29 Aug 1997. Feeling a protein's motion. p637 1 Aug 1997. Meteorite grains trace wandering stars. p478 25 July 1997. Slicing an electron's charge into three. p1766 19 Sep 1997. SOHO traces the sun's hot currents. p1438 5 Sep

1997. Your complete Web guide to tumors. p762 8 Aug 1997.
- Eichenbaum, Howard: How does the brain organize memories? (perspective). p330 18 July 1997.
- Eickbush, Thomas H.: Telomerase and retrotransposons: which came first? (perspective). p911 15 Aug 1997.
- Eisenreich, Wolfgang. See Frey, Monika.
- Ekong, Rosemary. See Michalet, Xavier. See also van Slegtenhorst, Marjon.
- Elghanian, Robert; Storhoff, James J.; Mucic, Robert C.; Letsinger, Robert L.; Mirkin, Chad A.: Selective colorimetric detection of polynucleotides based on the distance-dependent optical properties of gold nanoparticles. p1078 22 Aug 1997.
- Elion, Jacques. See Matic, Ivan.
- Elleder, Milan. See Carstea, Eugene D.
- Elledge, Stephen J. See Sanchez, Yolanda.
- Elliott, S. R. See Krecmer, P.
- Ellis, Michael A. See Densmore, Alexander L.
- Ellison, Jane. See Loftus, Stacie K.
- Elsworth, John D. See Jentsch, J. David.
- Endler, John A.: review of *Selection*, by Graham Bell. p1255 29 Aug 1997. review of *The Basics of Selection*, by Graham Bell. p1255 29 Aug 1997.
- Endoh, Y. See Wells, B. O.
- Engel, Jürgen: Versatile collagens in invertebrates (perspective). p1785 19 Sep 1997.
- Englhauser, Jakob. See Dennerl, Konrad.
- Erbert, G. V. See Max, C. E.
- Etzioni, Amitai and Etzioni, Oren: Communities: virtual vs. real (editorial). p295 18 July 1997.
- Etzioni, Oren. See Etzioni, Amitai.
- Evans, David A. See Kirschvink, Joseph L.
- Evans, P. J. See Gadd, G. E.
- Fabryka-Martin, June. See Plummer, Mitchell A.
- Fadiga, Luciano. See Rizzolatti, Giacomo.
- Fairbanks, Richard G. See Charles, C. D.
- Falk-Marzillier, Jutta. See Giannelli, Gianluigi.
- Falkow, Stanley. See Strauss, Evelyn J. See also Valdivia, Raphael H.
- Fan, Fu-Ren F. and Bard, Allen J.: An electrochemical coulomb staircase: detection of single electron-transfer events at nanometer electrodes. p1791 19 Sep 1997.
- Fan, Shoushan. See Han, Weiqiang.
- Fass, Deborah; Davey, Robert A.; Hamson, Christian A.; Kim, Peter S.; Cunningham, James M.; Berger, James M.: Structure of a murine leukemia virus receptor-binding glycoprotein at 2.0 angstrom resolution. p1662 12 Sep 1997.
- Fassina, Giorgio. See Carelli, Stephan.
- Fauster, Th. See Höfer, U.
- Feathers, James K. See Saunders, Joe W.
- Featherstone, Carol (news): Researchers get their first good look at the nucleosome. p1763 19 Sep 1997.
- Feder, Martin E.: review of *Adaptation*, edited by Michael R. Rose and George V. Lauder. p189 11 July 1997.
- Fedje, Daryl. See Josenhans, Heiner.
- Fegley, Bruce, Jr. See Lauretta, Dante S.
- Feinstone, Stephen M. See Kolykhalov, Alexander A.
- Feldman, Paul D. See Krasnopol'sky, Vladimir A.
- Fernandez, Eduardo. See Pallini, Roberto.
- Ferrell, William K. See Turner, David P.
- Field, Pauline M. See Li, Ying.
- Fine, Arthur: review of *Conceptual Developments of 20th Century Field Theories*, by Tian Yu Cao. p327 18 July 1997.
- Finkel, Elizabeth (news): Australia enters deep water in devising management plan. p1428 5 Sep 1997.
- Finlay, B. Brett and Cossart, Pascale: On the antibiotic frontier (letter). p300 18 July 1997.
- Fisher, Susan J. See Genbacev, Olga.
- Fitzpatrick, Susan M. and Bruer, John T.: Science funding and private philanthropy (editorial). p621 1 Aug 1997.
- Fjerdingstad, E. J.: Science and religion (letter). p1590 12 Sep 1997.
- Flasar, F. M. See Kliore, A. J.
- Fletcher, John C.: Science and religion (letter). p1589 12 Sep 1997.
- Flynn, Brian C. See Krasnopol'sky, Vladimir A.
- Fodor, Stephen P. A.: Massively parallel genomics (tech.sight). p393 18 July 1997.
- Fogassi, Leonardo. See Rizzolatti, Giacomo.
- Folland, Christopher K. See Easterling, David R.
- Forveille, T. See Kastner, J. H.
- Fougerousse, Françoise. See Michalet, Xavier.
- Fox, Margaret. See van Slegtenhorst, Marjon.
- Francis, Darlene. See Liu, Dong.
- Fraser, Robert S. See Kaufman, Yoram J.
- Fraser, Scott E. See Woo, Katherine.
- Freedman, Alison. See Liu, Dong.
- Freeman, Katherine H.: A new look at old carbon (perspective). p777 8 Aug 1997.
- Freitas, Antonio A. and Rocha, Benedicta: Lymphocyte survival: a Red Queen hypothesis (perspectives). p1950 26 Sep 1997.
- Frenkel, Daan. See ten Wolde, Pieter Rein.
- Frey, Monika; Chomet, Paul; Glawischning, Erich; Stettner, Cornelia; Grün, Sebastian; Winklmair, Albert; Eisenreich, Wolfgang; Bacher, Adelbert; Meeley, Robert B.; Briggs, Steven P.; Simcox, Kevin; Gierl, Alfons: Analysis of a chemical plant defense mechanism in grasses. p696 1 Aug 1997.
- Friedman, H. W. See Max, C. E.
- Frink, Douglas S. See Saunders, Joe W.
- Fritch, William. See Manuelidis, Laura.
- Froeschlé, Christiane. See Gladman, Brett J.
- Fu, Dian-Kui. See Vanden Bout, David A.
- Fujino, Kiyoshi. See Tomioka, Naotaka.
- Fulbright, J. P. See Slanger, T. G.
- Furnari, Beth; Rhind, Nicholas; Russell, Paul: Cdc25 mitotic inducer targeted by Chk1 DNA damage checkpoint kinase. p1495 5 Sep 1997.
- ## G and H
- Gabay, Limor; Seger, Rony; Shilo, Ben-Zion: In situ activation pattern of *Drosophila* EGF receptor pathway during development. p1103 22 Aug 1997.
- Gadd, G. E.; Blackford, M.; Moricca, S.; Webb, N.; Evans, P. J.; Smith, A. M.; Jacobsen, G.; Leung, S.; Day, A.; Hua, Q.: The world's smallest gas cylinders? p933 15 Aug 1997.
- Gadian, D. G. See Varga-Khadem, F.
- Gaffey, Michael J. See Thomas, Peter C.
- Gaffney, Piers R. J. See Stokoe, David.
- Gage, Fred H. See Peterson, Daniel A.
- Gajdarziska-Josifovska, M. See Liu, Shi V.
- Gallagher, Richard (news): Global initiative takes shape slowly. p309 18 July 1997.
- Gallagher, Richard. See Kaiser, Jocelyn.
- ; and Carpenter, Betsy: Human-dominated ecosystems. p485 25 July 1997.
- Gallese, Vittorio. See Rizzolatti, Giacomo.
- Gallet, Christiane. See Wardle, David A.
- Galliot, Christophe; Larré, Christophe; Caminade, Anne-Marie; Majoral, Jean-Pierre: Regioselective stepwise growth of dendrimer units in the internal voids of a main dendrimer. p1981 26 Sep 1997.
- Gambale, Franco. See Antonsson, Bruno.
- Gámez, Rodrigo; Lovejoy, Thomas; Solorzano, Raúl; Janzen, Daniel: Costa Rican all-taxa survey (letter). p18 4 July 1997.
- Gammon, D.; Brown, S. W.; Snow, E. S.; Kennedy, T. A.; Katzer, D. S.; Park, D.: Nuclear spectroscopy in single quantum dots: nanoscopic Raman scattering and nuclear magnetic resonance. p85 4 July 1997.
- Gao, L. See Chu, C. W.
- Garattini, Silvio: Drug development (letter). p20 4 July 1997.
- Gasser, T.; Müller-Myhsok, B.; Wszolek, Z. K.; Dür, A.; Vaughan, J. R.; Bonifati, V.; Meco, G.; Bereznai, B.; Oehlmann, R.; Agid, Y.; Brice, A.; Wood, N.: Genetic complexity and Parkinson's disease (technical comment). p388 18 July 1997.
- Gavaghan, Helen (news): Can ESA shrug off malaise? p1426 5 Sep 1997. Revised space science program brightens ESA's horizons. p1427 5 Sep 1997.
- Gavaghan, Helen. See Lawler, Andrew.
- Gavel, D. T. See Max, C. E.
- Gavrilov, Leonid A. and Gavrilova, Natalia S.: When fatherhood should stop? (letter). p17 4 July 1997.
- Gavrilova, Natalia S. See Gavrilov, Leonid A.
- Ge, Xiao-Bin. See Jackson, David D.
- Genbacev, Olga; Zhou, Yan; Ludlow, John W.; Fisher, Susan J.: Regulation of human placental development by oxygen tension. p1669 12 Sep 1997.
- Gentz, Reiner. See Pan, Guohua.
- Gershenfeld, Neil and Chuang, Isaac: The usefulness of NMR quantum computing (technical comment). p1689 12 Sep 1997.
- Gerstoft, Jan. See Kledal, Thomas N.
- Giannelli, Gianluigi; Falk-Marzillier, Jutta; Schiraldi, Oronzo; Stetler-Stevenson, William G.; Quaranta, Vito: Induction of cell migration by matrix metalloprotease-2 cleavage of laminin-5. p225 11 July 1997.
- Gibbons, Ann (news): Anthropologists 1, Army Corps 0. p173 11 July 1997. Archaeologists rediscover cannibals. p635 1 Aug 1997.
- Gibbons, Ann. See Kahn, Patricia.
- Gierl, Alfons. See Frey, Monika.
- Giles, B. L. See Moore, T. E.
- Gillespie, John H.: review of *Molecular Evolution*, by Wen-Hsiung Li. p906 15 Aug 1997.
- Ginty, David D. See Riccio, Antonella.
- Gladman, Brett J.; Migliorini, Fabbio; Morbidelli, Alessandro; Zappalà, Vincenzo; Michel, Patrick; Cellino, Alberto; Froeschlé, Christiane; Levison, Harold F.; Bailey, Mark; Duncan, Martin: Dynamical lifetimes of objects injected into asteroid belt resonances. p197 11 July 1997.
- Glanz, James (news): Cut the communications fog, say physicists and editors. p895 15 Aug 1997. Flickers from far-off planets. p765 8 Aug 1997. A harsh light falls on NIF. p304 18 July 1997. Long afterglows reveal the secrets of distant fireballs. p1925 26 Sep 1997. Mastering the nonlinear brain. p1758 19 Sep 1997. Quantum cells make a bid to outshrink transistors. p898 15 Aug 1997. Sharpening the senses with neural 'noise'. p1759 19 Sep 1997. Snare for supernova neutrinos. p1032 22 Aug 1997. Will NIF put the squeeze on Sandia's Z pinch? p306 18 July 1997.
- Glasner, Jeremy D. See Blattner, Frederick R.
- Glassgold, Alfred E. See Shu, Frank H.
- Glawischning, Erich. See Frey, Monika.
- Goddard, Audrey D. See Sheridan, James P.
- Godfrey, Linda V. See Christensen, John N.
- Godowski, Paul. See Sheridan, James P.
- Goeden, Michael A. See Blattner, Frederick R.
- Goedert, James J. See Smith, Michael W.
- Goldsmith, Donald (news): Comet origin of oceans all wet? p318 18 July 1997.
- Gonzalez, Isabel. See Long, Roy M.
- Goodall, Jane. See Pusey, Anne.
- Goodrich, Lisa V.; Milenković, Ljiljana; Higgins, Kay M.; Scott, Matthew P.: Altered neural cell fates and medulloblastoma in mouse patched mutants. p1109 22 Aug 1997.
- Gordon, Richard G. See Royer, Jean-Yves.
- Goreau, Thomas J.: Assessing coral reef health (letter). p165 11 July 1997.

- Goreau, Thomas J. and Hodgson, Gregor: Reef check: complete agreement (letter). p884 15 Aug 1997.
- Gracia, A. See Arsuaga, J. L.
- Graef, Isabella A. and Crabtree, Gerald R.: The transcriptional paradox: octamer factors and B and T cells (perspective). p193 11 July 1997.
- Graham, Brita R. See van der Pluijm, Ben A.
- Grandea, Andreas G. See Ortmann, Bodo.
- Granger, Ellen. See Runkle, Deborah.
- Graves, Paul R. See Peng, Cheng-Yuan.
- Gray, Christa L. See Sheridan, James P.
- Graziano, Michael S. A.; Hu, Xin Tian; Gross, Charles G.: Coding the locations of objects in the dark. p239 11 July 1997.
- Green, Andrew J. See van Slegtenhorst, Marjon.
- Green, Mark M.: Fighting dengue in Cuba (letter). p623 1 Aug 1997.
- Greenbaum, Elias; Lee, James Weifu; Tevault, Carol V.; Blankinship, Stephen L.; Owens, Thomas G.; Mets, Laurens J.: Photosystem I measurements in mutants B4 and F8 of *Chlamydomonas* (letter). p166 11 July 1997.
- Greenberg, Michael E. See Dickens, Martin.
- Greenfield, Scott R. See Lewis, Frederick D.
- Greenspan, R. J. See Osborne, K. A.
- Greenwood, M. R. C.: Raiders of the last bastion? (editorial). p163 11 July 1997.
- Gregor, Jason. See Blattner, Frederick R.
- Gremillion, Kristen J. See Saunders, Joe W.
- Grime, J. P.: Biodiversity and ecosystem function: the debate deepens (perspective). p1260 29 Aug 1997.
- Grinspoon, Lester; Bakalar, James B.; Zimmer, Lynn; Morgan, John P.: Marijuana addiction (letter). p749 8 Aug 1997.
- Gross, Charles G. See Graziano, Michael S. A.
- Gross, David: review of *A Tale of Two Continents*, by Abraham Pais. p1254 29 Aug 1997.
- Grothaus, Jeffrey T. See Chen, Zhong-Ren.
- Grün, Sebastian. See Frey, Monika.
- Gruner, S. M. See McGrath, K. M.
- Grunnet-Jepsen, A.; Thompson, C. L.; Moerner, W. E.: Spontaneous oscillation and self-pumped phase conjugation in a photorefractive polymer optical amplifier. p549 25 July 1997.
- Gu, G. D. See Krishnan, K.
- Gu, Jessie. See Carstea, Eugene D.
- Gu, Jessie Z. See Loftus, Stacie K.
- Guan, Xin-Yuan. See Anzick, Sarah L.
- Guarente, Leonard. See Sinclair, David A.
- Gulding, S. J. See Hou, H.
- Gunsalus, C. K. and Tessman, Irwin: Assigning credit (letter). p1592 12 Sep 1997.
- Guo, G. Y. See Dürr, H. A.
- Gupta, Yogendra M. and Sharma, Surinder M.: Shocking matter to extreme conditions (perspective). p909 15 Aug 1997.
- Gura, Trisha (news): How TRAIL kills cancer cells, but not normal cells. p768 8 Aug 1997.
- Gura, Trisha (news): New kind of cancer mutation found. p1201 29 Aug 1997.
- _____; One molecule orchestrates amoebae. p182 11 July 1997.
- Gurney, Austin. See Sheridan, James P.
- Gustafsson, Jan-Åke. See Paech, Kolja.
- Haas, Hubertus. See Lüsser, Alexandra.
- Hagg, Theo; Van der Zee, Catharina E. E. M.; Ross, Gregory M.; Riopelle, Richard J.: Basal forebrain neuronal loss in mice lacking neurotrophin receptor p75 (technical comment). p838 8 Aug 1997.
- Haile, Colin N. See Carlezon, William A., Jr.
- Haines, Jonathan H. See van Slegtenhorst, Marjon.
- Hallet, Bernard. See Aalto, Rolf.
- Halley, Dicky. See van Slegtenhorst, Marjon.
- Halliday, Alex N. See Christensen, John N.
- Hallmark, C. T. See Saunders, Joe W.
- Halpern, Jocelyn R. See Dickens, Martin.
- Hamaguchi, Tomohiko. See Ito, Tasuku.
- Hamson, Christian A. See Fass, Deborah.
- Han, Weiqiang; Fan, Shoushan; Li, Qunqing; Hu, Yongdan: Synthesis of gallium nitride nanorods through a carbon nanotube-confined reaction. p1287 29 Aug 1997.
- Hanahan, Douglas: Signaling vascular morphogenesis and maintenance (perspective). p48 4 July 1997.
- Hardy, Robert W. See Vinós, Javier.
- Harigaya, Yasuo. See Hsiao, Karen.
- Harley, Calvin B. See Nakamura, Toru M.
- Harmon, Mark E. See Turner, David P.
- Harris, John H. See van der Pluijm, Ben A.
- Harris, Walter M.; Combi, Michael R.; Honeycutt, R. Kent; Mueller, Béatrice E. A.; Scherb, Frank: Evidence for interacting gas flows and an extended volatile source distribution in the coma of comet C/1996 B2 (Hyakutake). p676 1 Aug 1997.
- Hartwig, John F. See Waltz, Karen M.
- Hasumoto, Ken-yuh. See Sugimoto, Yukihiko.
- Hata, Y. See Irie, M.
- Hatfield, Ronald D. See Ralph, John.
- Hautamaki, R. Dean; Kobayashi, Dale K.; Senior, Robert M.; Shapiro, Steven D.: Requirement for macrophage elastase for cigarette smoke-induced emphysema in mice. p2002 26 Sep 1997.
- Hawkins, Phillip T. See Stokoe, David.
- Hawkins, Trevor L. See van Slegtenhorst, Marjon.
- Hazen, Robert M. and Yang, Hexiong: Increased compressibility of pseudobrookite-type $MgTi_3O_5$ caused by cation disorder. p1965 26 Sep 1997.
- Heath, J. R. See Collier, C. P.
- Heath, W. F. See Ido, Y.
- Hedges, Robert E. M. See Cooper, Alan.
- Hedtke, Boris; Börner, Thomas; Weihe, Andreas: Mitochondrial and chloroplast phage-type RNA polymerases in *Arabidopsis*. p809 8 Aug 1997.
- Hein, James R. See Christensen, John N.
- Hellemans, Alexander (news): Ring laser senses Earth's spin. p1435 5 Sep 1997. SOHO probes the sun's turbulent neighborhood. p479 25 July 1997.
- X-rays find new ways to shine. p1214 29 Aug 1997.
- Hemmings, Brian A.: PtdIns(3,4,5)P₃ gets its message across. p534 25 July 1997.
- Hemophilia Growth and Development Study. See Smith, Michael W.
- Henrichs, S. E. See Collier, C. P.
- Henske, Elizabeth P. See van Slegtenhorst, Marjon.
- Herberg, Jethro A. See Ortmann, Bodo.
- Hermanns, Caroline. See van Slegtenhorst, Marjon.
- Herrmannsfeldt, William B.: Basic responsibilities (letter). p1745 19 Sep 1997.
- Hervig, Richard L. See Roggensack, Kurt.
- Higgins, Kay M. See Goodrich, Lisa V.
- Higgins, Maureen E. See Carstea, Eugene D.
- Hilgartner, Margaret W. See Smith, Michael W.
- Hinson, D. P. See Kliore, A. J.
- Hirao, K. See Irie, M.
- Hirata, Masakazu. See Sugimoto, Yukihiko.
- Hiroi, Zenji and Takano, Mikio: High-temperature superconductors (letter). p1910 26 Sep 1997.
- Hites, Ronald A. See Simoneit, B. R. T.
- Hixon, Mark A. and Carr, Mark H.: Synergistic predation, density dependence, and population regulation in marine fish. p946 15 Aug 1997.
- Hobbs, Richard J. See Chapin, F. Stuart, III.
- Hodgson, Gregor: Assessing coral reef health (letter). p165 11 July 1997.
- Hodgson, Gregor. See Goreau, Thomas J.
- Hoeveler, J. David: review of *Redeeming Culture*, by James Gilbert. p1617 12 Sep 1997.
- Höfer, U.; Shumay, I. L.; Reuß, Ch.; Thomann, U.; Wallauer, W.; Fauster, Th.: Time-resolved coherent photoelectron spectroscopy of quantized electronic states on metal surfaces. p1480 5 Sep 1997.
- Hoganson, Curtis W. and Babcock, Gerald T.: A metalloradical mechanism for the generation of oxygen from water in photosynthesis. p1953 26 Sep 1997.
- Hohne, Elizabeth A. See Jusczyk, Peter W.
- Holcomb, Henry H. See Shadmehr, Reza.
- Holm, Richard H. See Beinert, Helmut.
- Holmes, Andrew B. See Stokoe, David.
- Holser, William T. See Retallack, Gregory J.
- Honeycutt, R. Kent. See Harris, Walter M.
- Hooper, David U. See Chapin, F. Stuart, III.
- _____; and Vitousek, Peter M.: The effects of plant composition and diversity on ecosystem processes. p1302 29 Aug 1997.
- Hoots, Keith. See Smith, Michael W.
- Hörnberg, Greger. See Wardle, David A.
- Hornigold, Nick. See Michalet, Xavier.
- Horton, Briony. See Easterling, David R.
- Hosoi, Hajime. See Brunn, Gregory J.
- Hou, H.; Gulding, S. J.; Rettner, C. T.; Wodtke, A. M.; Auerbach, D. J.: The stereodynamics of a gas-surface reaction. p80 4 July 1997.
- Houghton, Peter J. See Brunn, Gregory J.
- Hsiao, Karen; Chapman, Paul; Nilsen, Steven; Eckeman, Chris; Harigaya, Yasuo; Younkin, Steven; Yang, Fusheng; Cole, Greg: Measuring memory in a mouse model of Alzheimer's disease (technical comment). p840 8 Aug 1997.
- Hu, Dehong. See Vanden Bout, David A.
- Hu, Xin Tian. See Graziano, Michael S. A.
- Hu, Yongdan. See Han, Weiqiang.
- Hua, Q. See Gadd, G. E.
- Huberman, Bernardo A. and Lukose, Rajan M.: Social dilemmas and Internet congestion. p535 25 July 1997.
- Hudson, Christine C. See Brunn, Gregory J.
- Huestis, D. L. See Slanger, T. G.
- Hui, Li (news): Engineer to head Chinese academy. p761 8 Aug 1997.
- Hull, Harry F. and Aylward, R. Bruce: Ending polio immunization. p780 8 Aug 1997.
- Hunter, D. E. See Charles, C. D.
- Hurtado, José M. See Ward, Peter D.
- Hutchinson, Amy. See Allikmets, Rando.
- Hutchinson, C. Richard. See Jacobsen, John R.
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I, J, and K

- Ian, Hang-In. See Chuang, Linda S.-H.
- Ichikawa, Atsushi. See Sugimoto, Yukihiko.
- Ichtchenko, K. See Irie, M.
- Ido, Y.; Vindigni, A.; Chang, K.; Stramm, L.; Chance, R.; Heath, W. F.; DiMarchi, R. D.; Di Cera, E.; Williamson, J. R.: Prevention of vascular and neural dysfunction in diabetic rats by C-peptide. p563 25 July 1997.
- Ioannou, Yiannis A. See Carstea, Eugene D.
- Irie, M.; Hata, Y.; Takeuchi, M.; Ichtchenko, K.; Toyoda, A.; Hirao, K.; Takai, Y.; Rosahl, T. W.; Südhof, T. C.: Binding of neuroligins to PSD-95. p1511 5 Sep 1997.
- Ishii, Shunsuke. See Kanei-Ishii, Chie.
- Isozaki, Yukio: Timing of Permian-Triassic anoxia (letter). p1748 19 Sep 1997.
- Ito, Tasuku; Hamaguchi, Tomohiko; Nagino, Haruko; Yamaguchi, Tadashi; Washington, John; Kubik, Clifford P.: Effects of rapid intramolecular electron transfer on vibrational spectra. p660 1 Aug 1997.
- Jackson, David D.; Shen, Zheng-kang; Potter, David; Ge, Xiao-Bin; Sung, Li-yu: Southern California deformation (perspective). p1621 12 Sep 1997.
- Jackson, Edwin H. See Saunders, Joe W.
- Jackson, Teresa L. See Cooper, George W.
- Jackson-Lewis, Vernice. See Kostic, Vladimir.
- Jacobsen, Eric N. See Tokunaga, Makoto.
- Jacobsen, G. See Gadd, G. E.

- Jacobsen, John R.; Hutchinson, C. Richard; Cane, David E.; Khosla, Chaitan: Precursor-directed biosynthesis of erythromycin analogs by an engineered polyketide synthase. p367 18 July 1997.
- Jacobsen, Steven E. and Meyerowitz, Elliot M.: Hypermethylated SUPERMAN epigenetic alleles in *Arabidopsis*. p1100 22 Aug 1997.
- Jacobson, Lisa P. See Smith, Michael W.
- Jahr, Craig E. See Otis, Thomas S.
- Jalink, Kees. See Vinós, Javier.
- Jamason, Paul. See Easterling, David R.
- Jansen, J. See Zandbergen, H. W.
- Jansen, Ralf-Peter. See Long, Roy M.
- Janssen, Bart. See van Slegtenhorst, Marjon.
- Janzen, Daniel. See Gámez, Rodrigo.
- Janzen, Daniel H.: The carbon crop (letter). p883 15 Aug 1997.
- Jeanloz, Raymond. See Caldwell, Wendel A.
- Jentsch, J. David; Redmond, D. Eugene, Jr.; Elsworth, John D.; Taylor, Jane R.; Youngren, Kenneth D.; Roth, Robert H.: Enduring cognitive deficits and cortical dopamine dysfunction in monkeys after long-term administration of phenylcyclidine. p953 15 Aug 1997.
- Jeremiah, Steve. See van Slegtenhorst, Marjon.
- Johansson, Bengt R. See Lindahl, Per.
- Johnsen, Anders H. See Kledal, Thomas N.
- Johnson, Alexander D. See Braun, Burkhard R.
- Johnson, Jay K. See Saunders, Joe W.
- Jones, Alistair C. See van Slegtenhorst, Marjon.
- Jones, Margaret H.: Evidence of cannibalism? (letter). p1746 19 Sep 1997.
- Jones, Pamela F. See Maisonnier, Peter C.
- Jones, Philip D. See Easterling, David R.
- Jones, Reca. See Saunders, Joe W.
- Jorda, L. See Rauer, H.
- Josenhans, Heiner; Fedje, Daryl; Pienitz, Reinhard; Southon, John: Early humans and rapidly changing Holocene sea levels in the Queen Charlotte Islands-Hecate Strait, British Columbia, Canada. p71 4 July 1997.
- Josephson, Paul. See Dezhina, Irina.
- Jozwiak, Sergiusz. See van Slegtenhorst, Marjon.
- Jung, Yong-Keun. See Kim, Tae-Wan.
- Juszcyk, Peter W. and Hohne, Elizabeth A.: Infants' memory for spoken words. p1984 26 Sep 1997.
- Justeson, John S. and Kaufman, Terrence: A newly discovered column in the hieroglyphic text on La Mojarra Stela 1: a test of the epi-Olmec decipherment. p207 11 July 1997.
- Kabsch, Wolfgang. See Scheffzek, Klaus.
- Kachurin, Anatoly M. See Xia, Di.
- Kahn, Patricia and Gibbons, Ann (news): DNA from an extinct human. p176 11 July 1997.
- Kaiser, Jocelyn (news): Academia wins a round on raw data. p758 8 Aug 1997. Fingering a genetic bottleneck. p1205 29 Aug 1997. A nasty brew from pasture fires. p1205 29 Aug 1997. NIH case ends with mysteries unsolved. p1920 26 Sep 1997. Privacy rules set no new research curbs. p1757 19 Sep 1997. Puzzling over a potential killer's modus operandi. p469 25 July 1997. Researchers and lawmakers clash over access to data. p467 25 July 1997. Satcher tapped for top health posts. p1755 19 Sep 1997. Showdown over clean air science. p466 25 July 1997. USGS chief resigns after tough tenure. p1755 19 Sep 1997.
- Kaiser, Jocelyn. See Lawler, Andrew.
- _____; and Gallagher, Richard Does diversity lure invaders? p1204 29 Aug 1997.
- Kakiuchi, Fumitoshi. See Tokunaga, Makoto.
- Kalb, Robert G. See Carlezon, William A., Jr.
- Kallioniemi, Olli-P. See Anzick, Sarah L.
- Kanei-Ishii, Chie; Tanikawa, Jun; Nakai, Akira; Morimoto, Richard I.; Ishii, Shunsuke: Activation of heat shock transcription factor 3 by c-Myb in the absence of cellular stress. p246 11 July 1997.
- Kaneski, Christine R. See Carstea, Eugene D.
- Kantrowitz, Arthur: NRC matters (letter). p625 1 Aug 1997.
- Kanz, K. See Max, C. E.
- Kardashev, N. S. See Alferov, A. V.
- Karl, Thomas R. See Easterling, David R.
- Kaslow, Richard. See Smith, Michael W.
- Kastner, J. H.; Zuckerman, B.; Weintraub, D. A.; Forveille, T.: X-ray and molecular emission from the nearest region of recent star formation. p67 4 July 1997.
- Kastner, M. A. See Wells, B. O.
- Katlama, C. See Autran, B.
- Kato, Shigeaki. See Takeyama, Ken-ichi.
- Katsuyama, Masato. See Sugimoto, Yukihiko.
- Katzer, D. S. See Gammon, D.
- Kaufman, Terrence. See Justeson, John S.
- Kaufman, Yoram J. and Fraser, Robert S.: The effect of smoke particles on clouds and climate forcing. p1636 12 Sep 1997.
- Kavanaugh, Michael P. See Otis, Thomas S.
- Kellogg, Louise H.: Mapping the core-mantle boundary (perspective). p646 1 Aug 1997.
- Kendall, D. See Louda, S. M.
- Kennedy, T. A. See Gammon, D.
- Kernéis, Sophie; Bogdanova, Anna; Krahenbuhl, Jean-Pierre; Pringault, Eric: Conversion by Peyer's patch lymphocytes of human enterocytes into M cells that transport bacteria. p949 15 Aug 1997.
- Kerr, Richard A. (news): Did satellites spot a brightening sun? p1923 26 Sep 1997. Does Mathilde have a broken heart? p30 4 July 1997. Flawless hardware, fallible humans. p638 1 Aug 1997. Martian magnetic whisper detected. p1924 26 Sep 1997. More signs of a far-traveled West. p1608 12 Sep 1997. Once, maybe still, an ocean on Europa. p764 8 Aug 1997. Pathfinder strikes a rocky bonanza. p173 11 July 1997. Possible glimpse of Earth-like geology in Mars rock. p638 1 Aug 1997. The right climate assessment. p1916 26 Sep 1997. Rising damp from small comets? p1033 22 Aug 1997. Upstart ice age theory gets attentive but chilly hearing. p183 11 July 1997.
- Khosla, Chaitan. See Jacobsen, John R.
- Kieffer, Susan W.: Eugene M. Shoemaker (1928-1997) (perspective). p776 8 Aug 1997.
- Kikkawa, J. M.; Smorckova, I. P.; Samarth, N.; Awschalom, D. D.: Room-temperature spin memory in two-dimensional electron gases. p1284 29 Aug 1997.
- Kim, Hoeon. See Xia, Di.
- Kim, Peter S. See Fass, Deborah.
- Kim, Tae-Wan; Pettingell, Warren H.; Jung, Yong-Keun; Kovacs, Dora M.; Tanzi, Rudolph E.: Alternative cleavage of Alzheimer-associated presenilins during apoptosis by a caspase-3 family protease. p373 18 July 1997.
- Kimura, Koutarou D.; Tissenbaum, Heidi A.; Liu, Yanxia; Ruvkun, Gary: *daf-2*, an insulin receptor-like gene that regulates longevity and diapause in *Caenorhabditis elegans*. p942 15 Aug 1997.
- King, Randall W.; Lustig, Kevin D.; Stukenberg, P. Todd; McGarry, Thomas J.; Kirschner, Marc W.: Expression cloning in the test tube (tech.sight). p973 15 Aug 1997.
- Kirkpatrick, Heather A. See Blattner, Frederick R.
- Kirschner, Marc W. See King, Randall W. See also Yew, P. Renee.
- Kirschvink, Joseph L. See Ward, Peter D.
- _____; Ripperdan, Robert L.; Evans, David A.: Evidence for a large-scale reorganization of Early Cambrian continental masses by inertial interchange true polar wander. p541 25 July 1997.
- Kitanaka, Sachiko. See Takeyama, Ken-ichi.
- Kitchell, James F. See Schindler, Daniel E.
- Kledal, Thomas N.; Rosenkilde, Mette M.; Coulombe, Florence; Simmons, Graham; Johnsen, Anders H.; Alouani, Sami; Power, Christine A.; Lüt-
- tichau, Hans R.; Gerstoft, Jan; Clapham, Paul R.; Clark-Lewis, Ian; Wells, Timothy N. C.; Schwartz, Thue W.: A broad-spectrum chemokine antagonist encoded by Kaposi's sarcoma-associated herpesvirus. p1656 12 Sep 1997.
- Klicka, John and Zink, Robert M.: The importance of recent ice ages in speciation: a failed paradigm. p1666 12 Sep 1997.
- Kliore, A. J.; Hinson, D. P.; Flasar, F. M.; Nagy, A. F.; Cravens, T. E.: The ionosphere of Europa from Galileo radio occultations. p355 18 July 1997.
- Kmiec, Eric B.: Sickle cell anemia research and a recombinant DNA technique (letter). p461 25 July 1997.
- Knops, Johannes. See Tilman, David.
- Kobayashi, Dale K. See Hautamaki, R. Dean.
- Kobori, Masato. See Takeyama, Ken-ichi.
- Koenig, Robert (news): Allegations prompt debate in Germany. p172 11 July 1997.
- Koenig, Robert (news): Panel calls falsification in German case 'unprecedented'. p894 15 Aug 1997. Spirited academy faces painful cuts, consolidation. p175 11 July 1997.
- Koh, Tong-Wey. See Chuang, Linda S.-H.
- Koljaj, Reet; Boutaud, Olivier; Shieh, Bih-Hwa; Samel, Nigulas; Brash, Alan R.: Identification of a naturally occurring peroxidase-lipoxygenase fusion protein. p1994 26 Sep 1997.
- Kolykhov, Alexander A.; Agapov, Eugene V.; Blight, Keril J.; Mihalik, Kathleen; Feinstone, Stephen M.; Rice, Charles M.: Transmission of hepatitis C by intrahepatic inoculation with transcribed RNA. p570 25 July 1997.
- Kononen, Juha. See Anzick, Sarah L.
- Koob, George F. See de Fonseca, F. Rodríguez.
- Kornfield, Julia A. See Chen, Zhong-Ren.
- Koshizuka, N. See Krishana, K.
- Koshland, Daniel E., Jr. See Mesecar, Andrew D.
- Kostic, Vladimir; Jackson-Lewis, Vernice; de Babilao, Fabienne; Dubois-Dauphin, Michel; Przedborski, Serge: Bcl-2: prolonging life in a transgenic mouse model of familial amyotrophic lateral sclerosis. p559 25 July 1997.
- Kostoff, Ronald N.: Peer review: the appropriate GPRA metric for research (policy forum). p651 1 Aug 1997.
- Kouveliotou, Chryssa: Gamma ray bursts (perspective). p1257 29 Aug 1997.
- Kovacs, Dora M. See Kim, Tae-Wan.
- Kovall, Rhett and Matthews, Brian W.: Toroidal structure of γ -exonuclease. p1824 19 Sep 1997.
- Kozhevnikova, Elena V. See Kuhl, Patricia K.
- Krahenbuhl, Jean-Pierre. See Kernéis, Sophie.
- Krasnopolsky, Vladimir A.; Mumma, Michael J.; Abbott, Mark; Flynn, Brian C.; Meech, Karen J.; Yeomans, Donald K.; Feldman, Paul D.; Cosmovici, Cristiano B.: Detection of soft x-rays and a sensitive search for noble gases in comet Hale-Bopp (C/1995 O1). p1488 5 Sep 1997.
- Krausman, Paul R. See Czech, Brian.
- Krecmer, P.; Moulin, A. M.; Stephenson, R. J.; Rayment, T.; Welland, M. E.; Elliott, S. R.: Reversible nanocontraction and dilatation in a solid induced by polarized light. p1799 19 Sep 1997.
- Kreutz, K. J.; Mayewski, P. A.; Meeker, L. D.; Twickler, M. S.; Whitlow, S. I.; Pittalwala, I. I.: Bipolar changes in atmospheric circulation during the Little Ice Age. p1294 29 Aug 1997.
- Krishana, K.; Ong, N. P.; Li, Q.; Gu, G. D.; Koshizuka, N.: Plateaus observed in the field profile of thermal conductivity in the superconductor $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$. p83 4 July 1997.
- Krizman, David B. See Carstea, Eugene D.
- Ktistaki, Eleni and Talianidis, Iannis: Modulation of hepatic gene expression by hepatocyte nuclear factor 1. p109 4 July 1997.
- Kubiak, Clifford P. See Ito, Tasuku.
- Kuhl, Patricia K.; Andruski, Jean E.; Chistovich,

- Inna A.; Chistovich, Ludmilla A.; Kozhevnikova, Elena V.; Ryskina, Viktoria L.; Stolyarova, Elvira I.; Sundberg, Ulla; Lacerda, Francisco: Cross-language analysis of phonetic units in language addressed to infants. p684 1 Aug 1997.
- Kuiper, George G. J. M. See Paech, Kolja.
- Kuo, Chay T.; Veselits, Margaret L.; Leiden, Jeffrey M.: LKLF: a transcriptional regulator of single-positive T cell quiescence and survival. p1986 26 Sep 1997.
- Küppers, M. See Rauer, H.
- Kushner, Peter J. See Paech, Kolja.
- Kushnirov, Vitaly V. See Paushkin, Sergey V.
- Kuspa, Adam. See Wang, Bin.
- Kwiatkowska, Jolanta. See van Slegtenhorst, Marjon.
- Kwiatkowski, David J. See van Slegtenhorst, Marjon.
- ## L and M
- Labandeira, Conrad C.: Permian pollen eating (letter). p1422 5 Sep 1997.
- Lacerda, Francisco. See Kuhl, Patricia K.
- Lackland, Henry. See Sleat, David E.
- Lagarias, J. Clark. See Yeh, Kuo-Chen.
- Landau, Ehud M. See Pebay-Peyroula, Eva.
- Lane, Sarah B. See Carlezon, William A., Jr.
- Lanzavecchia, Antonio. See Sallusto, Federica.
- Larré, Christophe. See Galliot, Christophe.
- Larrow, Jay F. See Tokunaga, Makoto.
- Lauhoff, G. See Dürr, H. A.
- Lauretti, Dante S.; Lodders, Katharina; Fegley, Bruce, Jr.: Experimental simulations of sulfide formation in the solar nebula. p358 18 July 1997.
- Lauretti, Liverana. See Pallini, Roberto.
- Lautwein, Alfred. See Scheffzek, Klaus.
- Lawler, Andrew (news): Academy seeks government help to fight openness law. p473 25 July 1997. Accident clouds U.S. future on Mir. p26 4 July 1997. Bipartisan mood in Congress opens door for pork. p1195 29 Aug 1997. Cassini faces last-minute hurdles. p1598 12 Sep 1997. Company targets asteroid—and profits. p1756 19 Sep 1997. Dark tunnel ahead for light sources. p756 8 Aug 1997. House study tackles new era in R&D. p28 4 July 1997. A leaner, faster Jet Propulsion Lab. p1597 12 Sep 1997. NASA boosts Earth science grants. p1198 29 Aug 1997. NY legislators want reactor closed. p1431 5 Sep 1997. Panel favors restart option. p761 8 Aug 1997. Peña gives lab reform a nudge. p1601 12 Sep 1997. Small missions lift planetary science. p1596 12 Sep 1997. Station costs pinch other programs. p1920 26 Sep 1997. Stewardship gravy train could prove a short trip. p305 18 July 1997.
- ; Marshall, Eliot; Mervis, Jeffrey; Kaiser, Jocelyn NIH leads research gains as Congress picks up pace. p470 25 July 1997.
- ; and Mervis, Jeffrey House panel boosts NSF, NASA, EPA. p28 4 July 1997.
- ; Savelyeva, Elena; Gavaghan, Helen Researchers hold their breath over Mir repair. p632 1 Aug 1997.
- Lawrence, John C., Jr. See Brunn, Gregory J.
- Lawton, John H. See Chapin, F. Stuart, III.
- Lazcano, Antonio: review of *Evolution of Hydrothermal Ecosystems on Earth (and Mars?)*, edited by Gregory R. Bock and Jamie A. Goode. p46 4 July 1997.
- LeClerc, J. Eugene and Cebula, Thomas A.: Highly variable mutation rates in commensal and pathogenic *Escherichia coli* (technical comment). p1834 19 Sep 1997.
- Lee, J. See Dürr, H. A.
- Lee, James Weifu. See Greenbaum, Elias.
- Lee, Kuo-Fen. See Peterson, Daniel A.
- Lee, Patrick A.: Low-energy excitations in high-temperature superconductors (perspective). p50 4 July 1997.
- Lee, Typhoon. See Shu, Frank H.
- Lee, Y. S. See Wells, B. O.
- Lechner, Paul J. See Ortmann, Bodo.
- Leibowitch, J. See Autran, B.
- Leiden, Jeffrey M. See Kuo, Chay T.
- Lent, C. S. See Orlov, A. O.
- Lenti, Luisa. See De Maria, Ruggero.
- Leppert, John T. See Peterson, Daniel A.
- Leppert, Mark. See Allikmets, Rando.
- Lerch, Irving A.: Science, technology, and foreign policy (letter). p1186 29 Aug 1997.
- Lesburg, Charles A.; Zhai, Guangzhi; Cane, David E.; Christianson, David W.: Crystal structure of pentalenene synthase: mechanistic insights on terpenoid cyclization reactions in biology. p1820 19 Sep 1997.
- Letsinger, Robert L. See Elghanian, Robert. See also Lewis, Frederick D.
- Leung, S. See Gadd, G. E.
- Levéen, Per. See Lindahl, Per.
- Levine, Arnold J. See Uesugi, Motonari.
- Levison, Harold F. See Gladman, Brett J.
- Lewis, Frederick D.; Wu, Taifeng; Zhang, Yifan; Letsinger, Robert L.; Greenfield, Scott R.; Wasielewski, Michael R.: Distance-dependent electron transfer in DNA hairpins. p673 1 Aug 1997.
- Lewis, Richard Alan. See Allikmets, Rando.
- Lewis, Ricki (news): Primordial soup researchers gather at watering hole. p1034 22 Aug 1997.
- Lewis, Roy S. See Nicolussi, Günther K.
- Lewis, Shareta. See Antonsson, Bruno.
- Li, Benjamin F. L. See Chuang, Linda S.-H.
- Li, Q. See Krishana, K.
- Li, Qunqing. See Han, Weiqiang.
- Li, T. S. See Autran, B.
- Li, Ying; Field, Pauline M.; Raisman, Geoffrey: Repair of adult rat corticospinal tract by transplants of olfactory ensheathing cells. p2000 26 Sep 1997.
- Li, Yixin. See Allikmets, Rando.
- Lieber, Charles M. See Wong, Eric W.
- Lieber, Charles M. and Yang, Peidong: High-temperature superconductors (letter). p1909 26 Sep 1997.
- Lin, S. Y. See Beltramo, M.
- Lindahl, Per; Johansson, Bengt R.; Levéen, Per; Betsholtz, Christer: Pericyte loss and microaneurysm formation in PDGF-B-deficient mice. p242 11 July 1997.
- Lindhout, Dick. See van Slegtenhorst, Marjon.
- Lingemann, Cornelia M. See Sharp, Thomas G.
- Lingner, Joachim. See Nakamura, Toru M.
- Linn, Marcia C.: Finding patterns in international assessments (editorial). p1743 19 Sep 1997.
- Liscum, Laura. See Carstea, Eugene D.
- Liu, Chang-Gong. See Sleat, David E.
- Liu, Dong; Diorio, Josie; Tannanbaum, Beth; Caldji, Christian; Francis, Darlene; Freedman, Alison; Sharma, Shakti; Pearson, Deborah; Plotsky, Paul M.; Meaney, Michael J.: Maternal care, hippocampal glucocorticoid receptors, and hypothalamic-pituitary-adrenal responses to stress. p1659 12 Sep 1997.
- Liu, M. C. See Max, C. E.
- Liu, Shi V.; Zhou, Jizhong; Zhang, Chuanlun; Cole, David R.; Gajdarziska-Josifovska, M.; Phelps, Tommy J.: Thermophilic Fe(III)-reducing bacteria from the deep subsurface: the evolutionary implications. p1106 22 Aug 1997.
- Liu, Yanxia. See Kimura, Koutarou D.
- Lobel, Peter. See Sleat, David E.
- Lodders, Katharina. See Lauretti, Dante S.
- Lodmell, J. Stephen and Dahlberg, Albert E.: A conformational switch in *Escherichia coli* 16S ribosomal RNA during decoding of messenger RNA. p1262 29 Aug 1997.
- Loeb, Lawrence A.: review of *Correcting the Blueprint of Life*, by Erol C. Friedberg. p1945 26 Sep 1997.
- Loeb, Lawrence A.: Transient expression of a mutator phenotype in cancer cells (perspective). p1449 5 Sep 1997.
- Lofthus, Stacie K. See Carstea, Eugene D.
- ; Morris, Jill A.; Carstea, Eugene D.; Gu, Jessie Z.; Cummings, Christiano; Brown, Anthony; Ellison, Jane; Ohno, Kousaku; Rosenfeld, Melissa A.; Tagle, Danilo A.; Pentchev, Peter G.; Pavan, William J.: Murine model of Niemann-Pick C disease: mutation in a cholesterol homeostasis gene. p232 11 July 1997.
- Loidl, Adele. See Lusser, Alexandra.
- Loidl, Peter. See Lusser, Alexandra.
- Lollar, Cynthia: AAAS dedicates Golden Center for Science (AAAS News & Notes). p2012 26 Sep 1997.
- Lomb, Deborah A. See Smith, Michael W.
- Long, Roy M.; Singer, Robert H.; Meng, Xiuhua; Gonzalez, Isabel; Nasmyth, Kim; Jansen, Ralf-Peter: Mating type switching in yeast controlled by asymmetric localization of ASH1 mRNA. p383 18 July 1997.
- Lorenzo, C. See Arsuaga, J. L.
- Louda, S. M.; Kendall, D.; Connor, J.; Simberloff, D.: Ecological effects of an insect introduced for the biological control of weeds. p1088 22 Aug 1997.
- Louie, Steven G. See Caldwell, Wendel A.
- Lovejoy, Thomas. See Gámez, Rodrigo.
- Lozier, M. Susan: Evidence for large-scale eddy-driven gyres in the North Atlantic. p361 18 July 1997.
- Lu, Hua. See Uesugi, Motonari.
- Lubchenco, Jane. See Vitousek, Peter M.
- Ludlow, John W. See Genbacev, Olga.
- Lukose, Rajan M. See Huberman, Bernardo A.
- Lupski, James R. See Allikmets, Rando.
- Lusser, Alexandra; Brosch, Gerald; Loidl, Adele; Haas, Hubertus; Loidl, Peter: Identification of maize histone deacetylase HD2 as an acidic nucleolar phosphoprotein. p88 4 July 1997.
- Lustig, Kevin D. See King, Randall W.
- Lüttichau, Hans R. See Kledal, Thomas N.
- MacDonald, Gordon J. See Muller, Richard A.
- MacDonald, Jacqueline A.: When doors are closed at the NRC (letter). p886 15 Aug 1997.
- Macintosh, B. See Max, C. E.
- Mackay, Charles R. See Sallusto, Federica.
- MacKay, John J. See Ralph, John.
- Mackenzie, Dana (news): New physics profs get a helping hand, too. p1031 22 Aug 1997. Ocean floor is laid bare by new satellite data. p1921 26 Sep 1997. Project NExT helps new Ph.D.s in the classroom—and beyond. p1031 22 Aug 1997.
- Madara, James L.: The chameleon within: improving antigen delivery (perspective). p910 15 Aug 1997.
- Magee, P. T.: Which came first, the hypha or the yeast? (perspective). p52 4 July 1997.
- Mahowald, Anthony P.: review of *Cells, Embryos, and Evolution*, by John Gerhart and Marc Kirschner. p772 8 Aug 1997.
- Maisonpierre, Peter C.; Suri, Chitra; Jones, Pamela F.; Bartunkova, Sona; Wiegand, Stanley J.; Radziejewski, Czeslaw; Compton, Debra; McClain, Joyce; Aldrich, Thomas H.; Papadopoulos, Nick; Daly, Thomas J.; Davis, Samuel; Sato, Thomas N.; Yancopoulos, George D.: Angiopoietin-2, a natural antagonist for Tie2 that disrupts in vivo angiogenesis. p55 4 July 1997.
- Majoral, Jean-Pierre. See Galliot, Christophe.
- Makriyannis, A. See Beltramo, M.
- Malakoff, David (news): Extinction on the high seas. p486 25 July 1997.
- ; Seas yield a bounty of species. p487 25 July 1997.

- Malakoff, David A. (news): Agency says dam should come down. p762 8 Aug 1997.
- _____; Droppings give the lowdown on stress in the spotted owl. p901 15 Aug 1997.
- Malisan, Florence. See De Maria, Ruggero.
- Mandel, Rolfe D. See Saunders, Joe W.
- Manfroid, J. See Rauer, H.
- Manghnani, Murli H. See Nasch, Philippe M.
- Mann, Charles (news): Cashing in on seed banks' novel genes. p1042 22 Aug 1997.
- _____; Reseeding the Green Revolution. p1038 22 Aug 1997.
- _____; Saving sorghum by foiling the wicked witchweed. p1040 22 Aug 1997.
- Manuelidis, Laura; Fritch, William; Xi, You-Gen: Evolution of a strain of CJD that induces BSE-like plaques. p94 4 July 1997.
- Marder, Michael: Roughing it (perspective). p647 1 Aug 1997.
- Markie, David. See Carstea, Eugene D.
- Marshall, Eliot (news): Battling over basics. p25 4 July 1997. A bitter battle over insulin gene. p1028 22 Aug 1997. Clinton backs broad genetic safeguards. p308 18 July 1997. Courts take a narrow view of UC's claims. p1029 22 Aug 1997. The mouse that prompted a roar. p24 4 July 1997. NIH nixes appeal to bypass patent law. p759 8 Aug 1997. Snipping away at genome patenting. p1752 19 Sep 1997.
- _____; See Lawler, Andrew.
- _____; and Bagla, Pallava India applauds U.S. patent reversal. p1429 5 Sep 1997.
- Marshall, Wallace F. See Straight, Aaron F.
- Marsters, Scot A. See Sheridan, James P.
- Martínez, I. See Arsuaga, J. L.
- Martinou, Isabelle. See Antonsson, Bruno.
- Martinou, Jean-Claude. See Antonsson, Bruno.
- Masia, F. See Picaut, J.
- Massey, Herbert F.: Agricultural strategies (letter). p1909 26 Sep 1997.
- Mathez, D. See Autran, B.
- Matic, Ivan; Radman, Miroslav; Taddei, François; Picard, Bertrand; Doit, Catherine; Bingen, Edouard; Denamur, Erick; Elion, Jacques: Highly variable mutation rates in commensal and pathogenic *Escherichia coli* (technical comment). p1833 19 Sep 1997.
- Matlack, Kent E. S.; Plath, Kathrin; Misselwitz, Benjamin; Rapoport, Tom A.: Protein transport by purified yeast Sec complex and Kar2p without membranes. p938 15 Aug 1997.
- Matson, P. A.; Parton, W. J.; Power, A. G.; Swift, M. J.: Agricultural intensification and ecosystem properties. p504 25 July 1997.
- Matson, P. A.; Parton, W. J.; Power, A. G.; Swift, M. J.: Agricultural strategies (letter). p1909 26 Sep 1997.
- Matthews, Brian W. See Kovall, Rhett.
- Mau, Bob. See Blattner, Frederick R.
- Maundrell, Kinsey. See Antonsson, Bruno.
- Mauri, Francesco. See Caldwell, Wendel A.
- Max, C. E.; Olivier, S. S.; Friedman, H. W.; An, J.; Avicola, K.; Beeman, B. V.; Bissinger, H. D.; Brase, J. M.; Erbert, G. V.; Gavel, D. T.; Kanz, K.; Liu, M. C.; Macintosh, B.; Neeb, K. P.; Patience, J.; Waltjen, K. E.: Image improvement from a sodium-layer laser guide star adaptive optics system. p1649 12 Sep 1997.
- May, Robert: Whitehall arcana (letter). p19 4 July 1997.
- Mayewski, P. A. See Kreutz, K. J.
- Mayhew, George F. See Blattner, Frederick R.
- Mazzei, Gonzalo. See Antonsson, Bruno.
- McClain, Joyce. See Maisonpierre, Peter C.
- McComas, D. J. See Moore, T. E.
- McCormick, Frank. See Stokoe, David.
- McCouch, Susan R. See Tanksley, Steven D.
- McGarry, Thomas J. See King, Randall W.
- McGrath, K. M.; Dabbs, D. M.; Yao, N.; Aksay, I. A.; Gruner, S. M.: Formation of a silicate L_3 phase with continuously adjustable pore sizes. p552 25 July 1997.
- McGregor, Iain S.: Marijuana addiction (letter). p749 8 Aug 1997.
- McHale, J. M.; Auroux, A.; Perrotta, A. J.; Navrotsky, A.: Surface energies and thermodynamic phase stability in nanocrystalline aluminas. p788 8 Aug 1997.
- McKnight, Steven B. See Roggensack, Kurt.
- McLachlan, John A.: Synergistic effect of environmental estrogens: report withdrawn (letter). p462 25 July 1997.
- McNichol, Ann P. See Eglinton, Timothy I.
- Meaney, Michael J. See Liu, Dong.
- Meco, G. See Gasser, T.
- Meech, Karen J. See Krasnopolsky, Vladimir A.
- Meeker, L. D. See Kreutz, K. J.
- Meely, Robert B. See Frey, Monika.
- Melillo, Jerry M. See Vitousek, Peter M.
- Meltzer, Paul S. See Anzick, Sarah L.
- Meng, Xiuhua. See Long, Roy M.
- Meng, Z.; Dabdub, D.; Seinfeld, J. H.: Chemical coupling between atmospheric ozone and particulate matter. p116 4 July 1997.
- Mermod, Jean-Jacques. See Antonsson, Bruno.
- Mervis, Jeffrey (news): Gemini woos Australia to replace Chile. p758 8 Aug 1997.
- Mervis, Jeffrey (news): Keep up the pressure, urges NRC panel. p634 1 Aug 1997. NSF candidate study irks Congress. p26 4 July 1997. Revolving door brings in scientists—at a price. p1599 12 Sep 1997.
- Mervis, Jeffrey. See Lawler, Andrew. See also Lawler, Andrew.
- Mesecar, Andrew D.; Stoddard, Barry L.; Koshland, Daniel E., Jr.: Orbital steering in the catalytic power of enzymes: small structural changes with large catalytic consequences. p202 11 July 1997.
- Mets, Laurens J. See Greenbaum, Elias.
- Meuth, Mark. See Richards, Burt.
- Meyer, J. L. See Wallace, J. B.
- Meyer, R. See Revenaugh, J.
- Meyerowitz, Elliot M. See Jacobsen, Steven E.
- Michalet, Xavier; Ekong, Rosemary; Fougerousse, Françoise; Rousseaux, Sophie; Schurra, Catherine; Hornigold, Nick; van Slegtenhorst, Marjon; Wolfe, Jonathan; Povey, Sue; Beckmann, Jacques S.; Bensimon, Aaron: Dynamic molecular combing: stretching the whole human genome for high-resolution studies. p1518 5 Sep 1997.
- Michel, Patrick. See Gladman, Brett J.
- Migliorini, Fabbio. See Gladman, Brett J.
- Mihalik, Kathleen. See Kolykhakov, Alexander A.
- Milenković, Ljiljana. See Goodrich, Lisa V.
- Miles, Mervyn: Probing the future (Tech.Sight). p1845 19 Sep 1997.
- Mills, Kevin. See Sinclair, David A.
- Minden, Jonathan S. See Cambridge, Sidney B.
- Mirkin, Chad A. See Elghanian, Robert.
- Mishkin, M. See Vargha-Khadem, F.
- Misselwitz, Benjamin. See Matlack, Kent E. S.
- Moerner, W. E.: Those blinking single molecules (perspective). p1059 22 Aug 1997.
- Moerner, W. E. See Grunnet-Jepsen, A.
- Moffat, Anne Simon (news): Opening the door to more membrane protein structures. p1607 12 Sep 1997. Resurgent forests can be greenhouse gas sponges. p315 18 July 1997.
- Moniz de Sa, Mario. See Russell, Anthony G.
- Montessuit, Sylvie. See Antonsson, Bruno.
- Montgomery, David R. See Aalto, Rolf.
- Mooney, Harold A. See Vitousek, Peter M.
- Moore, Jeffrey S. See Nelson, James C.
- Moore, T. E.; Chappell, C. R.; Chandler, M. O.; Craven, P. D.; Giles, B. L.; Pollock, C. J.; Burch, J. L.; Young, D. T.; Waite, J. H., Jr.; Nordholt, J. E.; Thomsen, M. F.; McComas, D. J.; Berthelier, J. J.; Williamson, W. S.; Robson, R.; Mozer, F. S.: High-altitude observations of the polar wind. p349 18 July 1997.
- Morbidelli, Alessandro. See Gladman, Brett J.
- Morgan, John P. See Grinspoon, Lester.
- Moricca, S. See Gadd, G. E.
- Morimoto, Richard I. See Kanei-Ishii, Chie.
- Morin, Gregg B. See Nakamura, Toru M.
- Morris, Jill A. See Carstea, Eugene D. See also Loftus, Stacie K.
- Moulin, A. M. See Krecmer, P.
- Mozer, F. S. See Moore, T. E.
- Mrosovsky, N. and Webb, Grahame: Hawksbill turtles in Cuba (letter). p752 8 Aug 1997.
- Mucic, Robert C. See Elghanian, Robert.
- Mueller, Beatrice. See Pilachowski, Catherine.
- Mueller, Béatrice E. A. See Harris, Walter M.
- Mueller, Erich and Peters, Esther C.: Assessing coral reef health (letter). p166 11 July 1997.
- Mukamel, Shaul; Tretiak, Sergei; Wagersreiter, Thomas; Chernyak, Vladimir: Electronic coherence and collective optical excitations of conjugated molecules. p781 8 Aug 1997.
- Müller, Ralph. See Weiser, Peter.
- Muller, Richard A. and MacDonald, Gordon J.: Glacial cycles and astronomical forcing. p215 11 July 1997.
- Müller-Myhsok, B. See Gasser, T.
- Multicenter AIDS Cohort Study. See Smith, Michael W.
- Multicenter Hemophilia Cohort Study. See Smith, Michael W.
- Mumma, Michael J. See Krasnopolsky, Vladimir A. Münck, Eckard. See Beinert, Helmut.
- Munro, Cheryl. See van Slegtenhorst, Marjon.
- Murata, Takahiko. See Sugimoto, Yukihiko.
- Muro, Mark (news): BLM accused of neglecting Clovis sites. p896 15 Aug 1997.
- Murphy, John T. See Yeh, Kuo-Chen.
- Murray, Andrew W. See Straight, Aaron F.
- Muthukumar, M.; Ober, C. K.; Thomas, E. L.: Competing interactions and levels of ordering in self-organizing polymeric materials. p1225 29 Aug 1997.

N, O, and P

- Nagase, Shigeru. See Tokitoh, Norihiro.
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- Nagle, James. See Carstea, Eugene D.
- Nagy, A. F. See Kliore, A. J.
- Nahmias, Joseph. See van Slegtenhorst, Marjon.
- Nakai, Akira. See Kanei-Ishii, Chie.
- Nakamura, Toru M.; Morin, Gregg B.; Chapman, Karen B.; Weinrich, Scott L.; Andrews, William H.; Lingner, Joachim; Harley, Calvin B.; Cech, Thomas R.: Telomerase catalytic subunit homologs from fission yeast and human. p955 15 Aug 1997.
- Narumiya, Shuh. See Sugimoto, Yukihiko.
- Nasch, Philippe M.; Manghnani, Murli H.; Secco, Richard A.: Anomalous behavior of sound velocity and attenuation in liquid Fe-Ni-S. p219 11 July 1997.
- Nasmyth, Kim. See Long, Roy M.
- Nathan, Marshall I.: review of *The Blue Laser Diode*, by Shuji Nakamura and Gerhard Fasol. p46 4 July 1997.
- Navarro, Miguel. See de Fonseca, F. Rodríguez.
- Navrotsky, A. See McHale, J. M.
- Neel, K. P. See Max, C. E.
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- Nellist, Mark. See van Slegtenhorst, Marjon.
- Nelson, James C.; Saven, Jeffery G.; Moore, Jeffrey S.; Wolynes, Peter G.: Solvophobically driven folding of nonbiological oligomers. p1793 19 Sep 1997.

- Nestler, Eric J. See Carlezon, William A., Jr.
- Neufeld, Edward B. See Carstea, Eugene D.
- Neve, Rachael L. See Carlezon, William A., Jr.
- Newlon, Carol: review of *Eukaryotic DNA Replication*, edited by J. Julian Blow. p1783 19 Sep 1997.
- Ng, Huck-Hui. See Chuang, Linda S.-H.
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- Ni, Jian. See Pan, Guohua.
- Nicoll, Roger A.: John C. Eccles (1903–1997) (retrospective). p194 11 July 1997.
- Nicolussi, Günther K.; Davis, Andrew M.; Pellin, Michael J.; Lewis, Roy S.; Clayton, Robert N.; Amari, Sachiko: s-Process zirconium in presolar silicon carbide grains. p1281 29 Aug 1997.
- Nielsen, Claus: Tail evolution (letter). p1422 5 Sep 1997.
- Nielsen-Marsh, Christina. See Cooper, Alan.
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- Nishimura, Noriyuki and Balch, William E.: A diacidic signal required for selective export from the endoplasmic reticulum. p556 25 July 1997.
- Nishimura, Tatsuya. See Sugimoto, Yukihiko.
- Noble, Ian R. and Dirzo, Rodolfo: Forests as human-dominated ecosystems. p522 25 July 1997.
- Noel, Joseph P. See Starks, Courtney M.
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- Norgaard, Richard B.: Economics and informed passions (letter). p1187 29 Aug 1997.
- Normile, Dennis (news): Academics see benefits in Hong Kong's new status. p310 18 July 1997. In land of industrial giants, universities nurture startups. p1196 29 Aug 1997. ISO peers into the cool corners of the universe. p1926 26 Sep 1997. Japan plunges into ocean science. p170 11 July 1997. Merger plan for rival science agencies. p1198 29 Aug 1997. 'RoboCup' soccer match is a challenge for silicon rookies. p1933 26 Sep 1997. Schools ponder new global landscape. p311 18 July 1997.
- Nyanguile, Origène. See Uesugi, Motonari.
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- Oehlmann, R. See Gasser, T.
- Offermann, D. See Summers, M. E.
- Ogas, Joe; Cheng, Jin-Chen; Sung, Z. Renee; Somerville, Chris: Cellular differentiation regulated by gibberellin in the *Arabidopsis thaliana* pickle mutant. p91 4 July 1997.
- O'Gorman, Stephen and Wahl, Geoffrey M.: Mouse engineering (letter). p1025 22 Aug 1997.
- Ohno, Kousaku. See Carstea, Eugene D. See also Loftus, Stacie K.
- Oida, Hiroji. See Sugimoto, Yukihiko.
- Okada, Takeshi: Water on the sun: molecules everywhere (perspective). p328 18 July 1997.
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- Oliveira, Eurico C.: The carbon crop: continued (letter). p1592 12 Sep 1997.
- Olivier, S. S. See Max, C. E.
- Olson, G. B.: Computational design of hierarchically structured materials. p1237 29 Aug 1997.
- Olson, Steve (news): White House enlists science for public education effort. p630 1 Aug 1997.
- O'Malley, David M. See Ralph, John.
- O'Neill, Raymond R. See Carstea, Eugene D.
- Ong, N. P. See Krishana, K.
- Orlov, A. O.; Amlani, I.; Bernstein, G. H.; Lent, C. S.; Snider, G. L.: Realization of a functional cell for quantum-dot cellular automata. p928 15 Aug 1997.
- Orsi, G. See Renne, P. R.
- Ortmann, Bodo; Copeman, James; Lehner, Paul J.; Sadasivan, Bhanu; Herberg, Jethro A.; Grandea, Andeas G.; Riddell, Stanley R.; Tampé, Robert; Spies, Thomas; Trowsdale, John; Cresswell, Peter: A critical role for tapasin in the assembly and function of multimeric MHC class I-TAP complexes. p1306 29 Aug 1997.
- Osborne, John. See van Slegtenhorst, Marjon.
- Osborne, K. A.; Robichon, A.; Burgess, E.; Butland, S.; Shaw, R. A.; Coulthard, A.; Pereira, H. S.; Greenspan, R. J.; Sokolowski, M. B.: Natural behavior polymorphism due to a cGMP-dependent protein kinase of *Drosophila*. p834 8 Aug 1997.
- Osterbrock, D. E. See Slanger, T. G.
- Otis, Thomas S.; Kavanaugh, Michael P.; Jahr, Craig E.: Postsynaptic glutamate transport at the climbing fiber-Purkinje cell synapse. p1515 5 Sep 1997.
- Owens, Larry: review of *The Economic Laws of Scientific Research*, by Terence Kealey. p188 11 July 1997.
- Owens, Thomas G. See Greenbaum, Elias.
- Pääbo, Svante. See Cooper, Alan.
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- Paech, Kolja; Webb, Paul; Kuiper, George G. J. M.; Nilsson, Stefan; Gustafsson, Jan-Åke; Kushner, Peter J.; Scanlan, Thomas S.: Differential ligand activation of estrogen receptors ER α and ER β at AP1 sites. p1508 5 Sep 1997.
- Painter, Gavin F. See Stokoe, David.
- Pallini, Roberto; Consales, Alessandro; Lauretti, Liverana; Fernandez, Eduardo: Experiments in a Parkinson's rat model (technical comment). p389 18 July 1997.
- Pan, Guohua; Ni, Jian; Wei, Ying-Fei; Yu, Guoliang; Gentz, Reiner; Dixit, Vishva M.: An antagonist decoy receptor and a death domain-containing receptor for TRAIL. p815 8 Aug 1997.
- Papadopoulos, Nick. See Maisonneuve, Peter C.
- Park, D. See Gammon, D.
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- Patience, J. See Max, C. E.
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- Paulikas, George A.: Greenhouse effect—clouds and sunshine (letter). p17 4 July 1997.
- Paushkin, Sergey V.; Kushnirov, Vitaly V.; Smirnov, Vladimir N.; Ter-Avanesyan, Michael D.: In vitro propagation of the prion-like state of yeast Sup35 protein. p381 18 July 1997.
- Pavan, William J. See Carstea, Eugene D. See also Loftus, Stacie K.
- Pearce, David: review of *Nature's Services*, edited by Gretchen C. Daily. p1783 19 Sep 1997.
- Pearlstein, Edgar: Science and religion (letter). p1590 12 Sep 1997.
- Pearson, Ann. See Eglington, Timothy I.
- Pearson, Deborah. See Liu, Dong.
- Pebay-Peyroula, Eva; Rummel, Gabriele; Rosenbusch, Jurg P.; Landau, Ehud M.: X-ray structure of bacteriorhodopsin at 2.5 angstroms from microcrystals grown in lipidic cubic phases. p1676 12 Sep 1997.
- Peiffer, Andy. See Allikmets, Rando.
- Pellin, Michael J. See Nicolussi, Günther K.
- Peng, Cheng-Yuan; Graves, Paul R.; Thoma, Richard S.; Wu, Zhiqi; Shaw, Andrey S.; Piwnica-Worms, Helen: Mitotic and G₂ checkpoint control: regulation of 14-3-3 protein binding by phosphorylation of Cdc25C on serine-216. p1501 5 Sep 1997.
- Pennisi, Elizabeth (news): Brighter prospects for the world's coral reefs? p491 25 July 1997. Crab legs and lobster claws. p36 4 July 1997. Differing roles found for estrogen's two receptors. p1439 5 Sep 1997. Gene found for the fading eyesight of old age. p1765 19 Sep 1997. Haeckel's embryos: fraud rediscovered. p1435 5 Sep 1997. How male animals gain an edge in the mating game. p317 18 July 1997. Laboratory workhorse decoded. p1432 5 Sep 1997. Microbial genomes come tumbling in. p1433 5 Sep 1997. Newfound gene holds key to cell's cholesterol traffic. p180 11 July 1997. Polymer folds just like a protein. p1764 19 Sep 1997. Schizophrenia clues from monkeys. p900 15 Aug 1997. Transgenic lambs from cloning lab. p631 1 Aug 1997. What makes fruit flies roam? p763 8 Aug 1997.
- Pennisi, Elizabeth. See Roush, Wade.
- _____; and Roush, Wade: Developing a new view of evolution. p34 4 July 1997.
- Pentchev, Peter G. See Carstea, Eugene D. See also Loftus, Stacie K.
- Pereira, H. S. See Osborne, K. A.
- Pericak-Vance, Margaret A. See Scott, William K.
- Perna, Nicole T. See Blattner, Frederick R.
- Perrotta, A. J. See McHale, J. M.
- Peters, Esther C. See Mueller, Erich.
- Peters, Richard. See Sikorski, Robert.
- Peters, Richard and Sikorski, Robert: Hitchhiking with peptides (tech.sight). p397 18 July 1997.
- _____: Just one word: plastics (tech.sight). p1849 19 Sep 1997.
- _____: Search engines (tech.sight). p977 15 Aug 1997.
- _____: Smarter searching (tech.sight). p976 15 Aug 1997.
- Peterson, Charles H. See Botsford, Louis W.
- Peterson, Daniel A.; Leppert, John T.; Lee, Kuo-Fen; Gage, Fred H.: Basal forebrain neuronal loss in mice lacking neurotrophin receptor p75 (technical comment). p837 8 Aug 1997.
- Peterson, P. A. See Zeng, Z.-H.
- Peterson, Thomas C. See Easterling, David R.
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- Pfisterer, Petra. See Zwilling, Stefan.
- Pfrieger, Frank W. and Barres, Barbara A.: Synaptic efficacy enhanced by glial cells in vitro. p1684 12 Sep 1997.
- Pfrommer, Bernd G. See Caldwell, Wendel A.
- Phear, Geraldine. See Richards, Burt.
- Phelps, Tommy J. See Liu, Shi V.
- Phillips, Fred M. See Plummer, Mitchell A.
- Picard, Bertrand. See Matic, Ivan.
- Picaut, J.; Masia, F.; du Penhoat, Y.: An advective-reflective conceptual model for the oscillatory nature of the ENSO. p663 1 Aug 1997.
- Pienitz, Reinhard. See Josenhans, Heiner.
- Pierchala, Brian A. See Riccio, Antonella.
- Pilachowski, Catherine; Samarasinha, Nalin; Mueller, Beatrice: "Snowballs" from space? (letter). p459 25 July 1997.
- Piomelli, D. See Beltramo, M.
- Pittalwala, I. I. See Kreutz, K. J.
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- Plath, Kathrin. See Matlack, Kent E. S.
- Plotsky, Paul M. See Liu, Dong.
- Plummer, Mitchell A.; Phillips, Fred M.; Fabryka-Martin, June; Turin, H. J.; Wigand, Peter E.; Sharma, Pankaj: Chlorine-36 in fossil rat urine: an archive of cosmogenic nuclide deposition during the past 40,000 years. p538 25 July 1997.
- Plummer, Neil. See Easterling, David R.
- Plummer, Ward: More than skin deep (perspective). p1447 5 Sep 1997.
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- Polanyi, John: Science and "one country, two systems" (editorial). p881 15 Aug 1997.
- Pollock, C. J. See Moore, T. E.
- Polyansky, Oleg L.; Zobov, Nikolai F.; Viti, Serena; Tennyson, Jonathan; Bernath, Peter F.; Wallace, Lloyd: Water on the sun: line assignments based on variational calculations. p346 18 July 1997.
- Polymeropoulos, Michael H.: Genetic complexity and Parkinson's disease (technical comment). p389 18 July 1997.

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Pringle, Heather (news): Ice Age communities may be earliest known net hunters. p1203 29 Aug 1997.
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_____; Oldest mound complex found at Louisiana site. p1761 19 Sep 1997.
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Rainville, Pierre; Duncan, Gary H.; Price, Donald D.; Carrier, Benoît; Bushnell, M. Catherine: Pain affect encoded in human anterior cingulate but not somatosensory cortex. p968 15 Aug 1997.
Raisman, Geoffrey. See Li, Ying.
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Ralph, John; MacKay, John J.; Hatfield, Ronald D.; O'Malley, David M.; Whetten, Ross W.; Sederoff, Ronald R.: Abnormal lignin in a loblolly pine mutant. p235 11 July 1997.
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Random Samples: Academic salaries "not so good". p187 11 July 1997. Academy joins debate over DNA patents. p41 4 July 1997. Alleged biotech thief acquitted. p1929 26 Sep 1997. Ante up for a world war on malaria. p1207 29 Aug 1997. Antibiotic basis for spice use. p321 18 July 1997. Antimicrobe spy network. p185 11 July 1997. Beats and bytes. p771 8 Aug 1997. Better pay for Indian scientists. p769 8 Aug 1997. Big splat on a small planet. p769 8 Aug 1997. Boxer genes. p321 18 July 1997. Brazil's new monkey. p1207 29 Aug 1997. Brown doctor protests firing. p483 25 July 1997. Buckyballs save nerves. p1207 29 Aug 1997. Calf cloned from bovine cell line. p903 15 Aug 1997. Canada in the fast lane. p185 11 July 1997. Coloring fossils. p905 15 Aug 1997.
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min D enzyme cloned. p1769 19 Sep 1997. Healing in milk. p1045 22 Aug 1997. The high cost of a right answer. p1441 5 Sep 1997. High living good for runners. p771 8 Aug 1997. Home for scientific whistleblowers. p1611 12 Sep 1997. How to prepare a bog body. p1929 26 Sep 1997. Ice worms from the Gulf. p769 8 Aug 1997. Iguana go home. p185 11 July 1997. Immune gene tied to Alzheimer's. p1441 5 Sep 1997. Indian medical research out of touch? p643 1 Aug 1997. Jellyfish light up mice. p41 4 July 1997. Lasker awards. p1929 26 Sep 1997. Looking to sounds for odor classification. p643 1 Aug 1997. Men have more gray cells. p903 15 Aug 1997. Meteorite dealers under arrest in Rio. p903 15 Aug 1997. NAE puts the focus on women. p483 25 July 1997. A new denizen of the deep? p771 8 Aug 1997. New director for India's troubled Tata. p187 11 July 1997. No virus for New Zealand bunnies. p321 18 July 1997. Oldest dino embryo unearthed. p41 4 July 1997. Pay before you go. p1045 22 Aug 1997. Perfect time on their hands. p643 1 Aug 1997. Physicist serves up tennis secret. p1441 5 Sep 1997. Physics journals cost study ruled fair. p1611 12 Sep 1997. Prions up close and personal. p1207 29 Aug 1997. Rampaging rabbit virus—again. p1441 5 Sep 1997. A record for *T. rex?* p1767 19 Sep 1997. Hot and hotter. p1767 19 Sep 1997. Rock around the clock. p187 11 July 1997. Rubble of a galactic smash-up. p1767 19 Sep 1997. Russia to get new TB center. p185 11 July 1997. S&E immigration on the rise. p905 15 Aug 1997. Seeing the atoms' green glare. p1045 22 Aug 1997. Smoke resistance in Asian arteries. p1769 19 Sep 1997. Stronger bulwarks against cancer. p769 8 Aug 1997. Supernova fireworks coming up. p903 15 Aug 1997. Teen mother program flops. p321 18 July 1997. Tenure for Gupta. p1767 19 Sep 1997. Texas telescope unveiled. p1929 26 Sep 1997. Tropical biologist wins Kyoto Prize. p41 4 July 1997. Undoing bacterial resistance. p905 15 Aug 1997. Why Mendel's peas came up short. p1611 12 Sep 1997. World's oldest plant? p483 25 July 1997.
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_____; and Pennisi, Elizabeth Growing pains: evo-devo researchers straddle cultures. p38 4 July 1997.
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Rybenkov, Valentin V.; Ullsperger, Christian; Volodetskii, Alexander V.; Cozzarelli, Nicholas R.: Simplification of DNA topology below equilibrium values by type II topoisomerases. p690 1 Aug 1997.
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S

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San Francisco City Cohort. See Smith, Michael W.
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Saunders, Joe W.; Mandel, Rolfe D.; Saucier, Roger T.; Allen, E. Thurman; Hallmark, C. T.; Johnson, Jay K.; Jackson, Edwin H.; Allen, Charles M.; Stringer, Gary L.; Frink, Douglas S.; Feathers, James K.; Williams, Stephen; Gremillion, Kristen J.; Vidrine, Malcolm F.; Jones, Reca: A mound complex in Louisiana at 5400–5000 years before the present. p1796 19 Sep 1997.
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Sawyers, Charles L. See Dickens, Martin.
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Scanlan, Thomas S. See Paech, Kolja.
Scheffzek, Klaus; Ahmadian, Mohammad Reza; Kabsch, Wolfgang; Wiesmüller, Lisa; Lautwein, Alfred; Schmitz, Frank; Wittinghofer, Alfred: The Ras-RasGAP complex: structural basis for GTPase activation and its loss in oncogenic Ras

mutants. p333 18 July 1997.
Scherb, Frank. See Harris, Walter M.
Schilling, Govert (news): No hidden starstuff in nearby universe. p1201 29 Aug 1997.
Schindler, Daniel E.; Carpenter, Stephen R.; Cole, Jonathan J.; Kitchell, James F.; Pace, Michael L.: Influence of food web structure on carbon exchange between lakes and the atmosphere. p248 11 July 1997.
Schiraldi, Oronzo. See Giannelli, Gianluigi.
Schmidt, Karen F. (news): 'No-take' zones spark fisheries debate. p489 25 July 1997.
Schmidt, Kevin M. See Aalto, Rolf.
Schmitz, Frank. See Scheffzek, Klaus.
Schorey, Jeffrey S.; Carroll, Michael C.; Brown, Eric J.: A macrophage invasion mechanism of pathogenic mycobacteria. p1091 22 Aug 1997.
Schulz, Georg E. See Wendt, K. Ulrich.
Schurra, Catherine. See Michalet, Xavier.
Schwartz, Thue W. See Kledal, Thomas N.
ScienceScope: Adios to ADEOS. p23 4 July 1997. An all-you-can-eat genome project. p889 15 Aug 1997. ATP regains its footing. p303 18 July 1997. Ax for Australian research centers? p627 1 Aug 1997. Britain to shutter venerable observatory. p169 11 July 1997. British editors form misconduct panel. p627 1 Aug 1997. California law curbs science outreach. p1425 5 Sep 1997. Canada seeks to revive genome project. p303 18 July 1997. Canada to launch nanotechnology center. p1751 19 Sep 1997. Cash-flow prospects worry academy. p465 25 July 1997. Chile ponies up for telescopes. p1191 29 Aug 1997. China elevates scientists to party posts. p1915 26 Sep 1997. Cloning ban waits in the wings. p1191 29 Aug 1997. Congress considers breast cancer stamp. p465 25 July 1997. Congress tinkers with Internet upgrade. p303 18 July 1997. Congress wants results on results legislation. p23 4 July 1997. Court lets justice mull academy case. p755 8 Aug 1997. Data release proposal raises alarm. p627 1 Aug 1997. Diabetes efforts to get \$300 million. p755 8 Aug 1997. DOD basic science takes a hit. p1191 29 Aug 1997. DOE plans nuclear physics lab. p889 15 Aug 1997. EPA scientist's views spark agency reaction. p1595 12 Sep 1997. FDA reform proposals spare research. p1751 19 Sep 1997. Fisher wins \$2.75 million settlement. p1425 5 Sep 1997. Germany to disband space agency. p169 11 July 1997. The good, the bad, and the delayed. p1751 19 Sep 1997. Green light for fusion project. p1027 22 Aug 1997. HHS plan angers breast cancer panel. p889 15 Aug 1997. House weighs in on fusion project. p23 4 July 1997. Increase seen in monkeypox cases. p1027 22 Aug 1997. Japan cuts back on space program. p889 15 Aug 1997. Japan may triple genetics research. p1027 22 Aug 1997. Japan's science budget growth slips. p1425 5 Sep 1997. Lobbying blitz attacks alternative medicine. p169 11 July 1997. Mixed review for NASA exploration plan. p1595 12 Sep 1997. More cereals join corn on genome platter. p169 11 July 1997. Moving order rattles USGS lab. p1425 5 Sep 1997. Mystery disease stalks Malaysian children. p169 11 July 1997. New head for Wellcome Trust. p1915 26 Sep 1997. No new taxes on grad stipends. p465 25 July 1997. NSF asked to consider environment institute. p303 18 July 1997. Ouster at French research agency. p627 1 Aug 1997. Poles apart on radar observatory. p465 25 July 1997. Senate moves on DOE posts. p1915 26 Sep 1997. Scientist in line for high-level DOE post. p755 8 Aug 1997. Scientists weigh in on cryptography bill. p1915 26 Sep 1997. Social policy debate could snag HHS bill. p1191 29 Aug 1997. Striking a balance at NIST. p1595 12 Sep 1997. Tobacco deal spells end of research money. p755 8 Aug 1997. Trade decision clouds modelers' future. p1191 29 Aug 1997. U.K. trust to boost Irish biomedical research. p1595 12 Sep 1997. UNAIDS to weigh vaccine ethics. p1751 19 Sep 1997. USAID to help Armenian science. p23 4 July 1997. Will NSF answer in the affirmative? p627 1 Aug 1997. Yellowstone opens the gates to biotech. p1027 22 Aug 1997.
Scott, Matthew P. See Goodrich, Lisa V.
Scott, William K.; Stajich, Jeffrey M.; Yamaoka, Larry H.; Speer, Marcy C.; Vance, Jeffery M.; Roses, Allen D.; Pericak-Vance, Margaret A.; Deane Laboratory Parkinson Disease Research Group: Genetic complexity and Parkinson's disease (technical comment). p387 18 July 1997.
Secco, Richard A. See Nasch, Philippe M.
Sedat, John W. See Straight, Aaron F.
Seddon, Johanna M. See Allikmets, Rando.
Sederoff, Ronald R. See Ralph, John.
Sedivý, John M. See Brown, Jeremy P.
Seehausen, Ole; van Alphen, Jacques J. M.; Witte, Frans: Cichlid fish diversity threatened by eutrophication that curbs sexual selection. p1808 19 Sep 1997.
Segelke, B. W. See Zeng, Z.-H.
Seger, Rony. See Gabay, Limor.
Segi, Eri. See Sugimoto, Yukihiko.
Seife, Charles (news): Blunting nature's Swiss army knife. p1602 12 Sep 1997. Curve throws x-rays for a loop. p902 15 Aug 1997. Microwaves steal the blush from ruby. p899 15 Aug 1997. Model explains Internet 'storms'. p477 25 July 1997.
Seinfeld, J. H. See Meng, Z.
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Senior, Robert M. See Hautamaki, R. Dean.
Sepp, Tiina. See van Slegtenhorst, Marjon.
Service, Robert F. (news): Amino acid alchemy transmutes sheets to coils. p179 11 July 1997. Brightness speeds search for structures great and small. p1217 29 Aug 1997. DNA ventures into the world of designer materials. p1036 22 Aug 1997. Drug delivery takes a deep breath. p1199 29 Aug 1997. High-speed materials design. p474 25 July 1997. Hijacking a cell's chemical paths to make new antibiotics. p319 18 July 1997. Industry chafes at APS rules. p757 8 Aug 1997.
Servos, John W.: review of *Creating the Cold War University*, by Rebecca S. Lowen. p1443 5 Sep 1997.
Shadmehr, Reza and Holcomb, Henry H.: Neural correlates of motor memory consolidation. p821 8 Aug 1997.
Sham, Lu J.: Closer to coherence control (perspective). p1258 29 Aug 1997.
Shang, Hsien. See Shu, Frank H.
Shao, Ying. See Blattner, Frederick R.
Shapiro, Harold T.: Ethical and policy issues of human cloning (policy forum). p195 11 July 1997.
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Sharma, Pankaj. See Plummer, Mitchell A.
Sharma, Shakti. See Liu, Dong.
Sharma, Surinder M. See Gupta, Yogendra M.
Sharp, Thomas G.; Lingemann, Cornelia M.; Dupas, Catherine; Stöffler, Dieter: Natural occurrence of MgSiO₃-ilmenite and evidence for Mg-SiO₃-perovskite in a shocked L chondrite. p352 18 July 1997.
Sharp, W. D. See Renne, P. R.
Shaw, Andrey S. See Peng, Cheng-Yuan.
Shaw, R. A. See Osborne, K. A.
Shaw, Sandy: Critical habitats on private land (letter). p1188 29 Aug 1997.
Shearer, Peter M. See Earle, Paul S.
Sheats, James R.: Stacked organic light-emitting diodes in full color (perspective). p191 11 July 1997.
Sheehan, Paul E. See Wong, Eric W.

- Shen, Peidong. See Arkin, Adam.
- Shen, Zheng-kang. See Jackson, David D.
- Sheppard, Simon M. F.: Vibrations under pressure (perspective). p775 8 Aug 1997.
- Sheridan, James P.; Marsters, Scot A.; Pitti, Robert M.; Gurney, Austin; Skubatch, Maya; Baldwin, Daryl; Ramakrishnan, Lakshmi; Gray, Christa L.; Baker, Kevin; Wood, William I.; Goddard, Audrey D.; Godowski, Paul; Ashkenazi, Avi: Control of TRAIL-induced apoptosis by a family of signaling and decoy receptors. p818 8 Aug 1997.
- Shiang, J. J. See Collier, C. P.
- Shieh, Bih-Hwa. See Koljak, Reet.
- Shilling, Fraser: Critical habitats on private land (letter). p1188 29 Aug 1997.
- Shilo, Ben-Zion. See Gabay, Limor.
- Shimura, Yoshiro. See Wada, Takuji.
- Shine, Richard: review of *Snakes*, by Harry W. Greene. p1945 26 Sep 1997.
- Shirane, G. See Wells, B. O.
- Short, M. Priscilla. See van Slegtenhorst, Marjon.
- Shroyer, Noah F. See Allikmets, Rando.
- Shu, Frank H.; Shang, Hsien; Glassgold, Alfred E.; Lee, Typhoon: X-rays and fluctuating x-winds from protostars. p1475 5 Sep 1997.
- Shumay, I. L. See Höfer, U.
- Siemann, Evan. See Tilman, David.
- Sikorski, Robert. See Peters, Richard.
- Sikorski, Robert and Peters, Richard: Browser half-life (tech.sight). p399 18 July 1997.
- _____: Digital mailbox (tech.sight). p1850 19 Sep 1997.
- _____: Jurassic mouse (tech.sight). p397 18 July 1997.
- _____: Laser-controlled cells (tech.sight). p975 15 Aug 1997.
- _____: Primary target (tech. sight). p1848 19 Sep 1997.
- _____: Robot spotting (tech.sight). p398 18 July 1997.
- _____: Selecting the needle (tech.sight). p975 15 Aug 1997.
- Silk, Joseph: review of *The Life of the Cosmos*, by Lee Smolin. p644 1 Aug 1997.
- Simberloff, D. See Louda, S. M.
- Simcox, Kevin. See Frey, Monika.
- Simmons, Graham. See Kledal, Thomas N.
- Simoneit, B. R. T. and Hites, Ronald A.: No such correspondence (letter). p1117 22 Aug 1997.
- Sinclair, David A.; Mills, Kevin; Guarente, Leonard: Accelerated aging and nucleolar fragmentation in yeast sgs1 mutants. p1313 29 Aug 1997.
- Singer, Robert H. See Long, Roy M.
- Singh, Nanda. See Allikmets, Rando.
- Siskind, D. E. See Summers, M. E.
- Sitia, Roberto. See Carelli, Stephana.
- Skubatch, Maya. See Sheridan, James P.
- Slanger, T. G.; Huestis, D. L.; Osterbrock, D. E.; Fulbright, J. P.: The isotopic oxygen nightglow as viewed from Mauna Kea. p1485 5 Sep 1997.
- Sleat, David E.; Donnelly, Robert J.; Lackland, Henry; Liu, Chang-Gong; Sohar, Istvan; Pullarkat, Raju K.; Lobel, Peter: Association of mutations in a lysosomal protein with classical late-infantile neuronal ceroid lipofuscinosis. p1802 19 Sep 1997.
- Slusher, R. E. See Dodabalapur, A.
- Smirnov, Vladimir N. See Paushkin, Sergey V.
- Smith, A. M. See Gadd, G. E.
- Smith, Michael W.; Dean, Michael; Carrington, Mary; Winkler, Cheryl; Huttley, Gavin A.; Lomb, Deborah A.; Goedert, James J.; O'Brien, Thomas R.; Jacobson, Lisa P.; Kaslow, Richard; Buchbinder, Susan; Vittinghoff, Eric; Vlahov, David; Hoots, Keith; Hilgartner, Margaret W.; Hemophilia Growth and Development Study; Multicenter AIDS Cohort Study; Multicenter Hemophilia Cohort Study; San Francisco City Cohort; ALIVE Study; O'Brien, Stephen J.: Contrasting genetic influence of CCR2 and CCR5 variants on HIV-1 infection and disease progression. p959 15 Aug 1997.
- Smith, Steven D. See Chen, Zhong-Ren.
- Smith, Walter H. F. and Sandwell, David T.: Global sea floor topography from satellite altimetry and ship depth soundings. p1956 26 Sep 1997.
- Smorchkova, I. P. See Kikkawa, J. M.
- Smrekar, Suzanne E. and Stofan, Ellen R.: Corona formation and heat loss on Venus by coupled upwelling and delamination. p1289 29 Aug 1997.
- Snell, Russell G. See van Slegtenhorst, Marjon.
- Snider, G. L. See Orlov, A. O.
- Snow, E. S. See Gammon, D.
- Sohar, Istvan. See Sleat, David E.
- Sokol, Jacob. See Carstea, Eugene D.
- Sokolowski, M. B. See Osborne, K. A.
- Solorzano, Raúl. See Gámez, Rodrigo.
- Soltis, Douglas E.: review of *The Evolutionary Biology of Plants*, by Karl J. Niklas. p326 18 July 1997.
- Somerville, Chris. See Ogas, Joe.
- Sorrells, Mark E., et al: Corn genome initiative (letter). p884 15 Aug 1997.
- Southon, John. See Josenhans, Heiner.
- Sparks, Steven: The purpose of glycolysis (letter). p459 25 July 1997.
- Speer, Marcy C. See Scott, William K.
- Spies, Thomas. See Ortmann, Bodo.
- Spitzer, Nicholas C. and Sejnowski, Terrence J.: Biological information processing: bits of progress (perspective). p1060 22 Aug 1997.
- Sprang, Stephen R.: GAP into the breach (perspective). p329 18 July 1997.
- Stajich, Jeffrey M. See Scott, William K.
- Starks, Courtney M.; Back, Kyoungwhan; Chappell, Joseph; Noel, Joseph P.: Structural basis for cyclic terpene biosynthesis by tobacco 5-epi-aristolochene synthase. p1815 19 Sep 1997.
- Stasiak, Andrzej; West, Stephen C.; Egelman, Edward H.: Sickle cell anemia research and a recombinant DNA technique (letter). p460 25 July 1997.
- Steiner, Donald F. and Rubenstein, Arthur H.: Proinsulin C peptide—biological activity? (perspective). p531 25 July 1997.
- Stella, N. See Beltramo, M.
- Stephens, Leonard R. See Stokoe, David.
- Stephenson, R. J. See Krecmer, P.
- Stetler-Stevenson, William G. See Giannelli, Gianluigi.
- Stettner, Cornelia. See Frey, Monika.
- Stevens, M. H. See Summers, M. E.
- Stoddard, Barry L. See Mesecar, Andrew D.
- Stofan, Ellen R. See Smrekar, Suzanne E.
- Stöffler, Dieter. See Sharp, Thomas G.
- Stokoe, David; Stephens, Leonard R.; Copeland, Terry; Gaffney, Piers R. J.; Reese, Colin B.; Painter, Gavin F.; Holmes, Andrew B.; McCormick, Frank; Hawkins, Phillip T.: Dual role of phosphatidylinositol-3,4,5-trisphosphate in the activation of protein kinase B. p567 25 July 1997.
- Stolyarova, Elvira I. See Kuhl, Patricia K.
- Stone, Richard (news): Transuranic element names finally final. p1601 12 Sep 1997.
- Storhoff, James J. See Elghanian, Robert.
- Storrs, Alex D. See Thomas, Peter C.
- Straight, Aaron F.; Marshall, Wallace F.; Sedat, John W.; Murray, Andrew W.: Mitosis in living budding yeast: anaphase A but no metaphase plate. p574 25 July 1997.
- Stramm, L. See Ido, Y.
- Strauss, Evelyn J. and Falkow, Stanley: Defining “microbiology” (letter). p1747 19 Sep 1997.
- Strauss, Jerome F., III. See Carstea, Eugene D.
- Stringer, Gary L. See Saunders, Joe W.
- Strobel, D. F. See Summers, M. E.
- Strong, Donald R.: Fear no weevil? (perspective). p1058 22 Aug 1997.
- Stukenberg, P. Todd. See King, Randall W.
- Stupp, Samuel I. and Braun, Paul V.: Molecular manipulation of microstructures: biomaterials, ceramics, and semiconductors. p1242 29 Aug 1997.
- Stura, E. A. See Zeng, Z.-H.
- Sturley, Stephen L. See Carstea, Eugene D.
- Subramanian, M. A. See Ramirez, A. P.
- Südhof, T. C. See Irie, M.
- Sugimoto, Yukihiko; Yamasaki, Atsushi; Segi, Eri; Tsuboi, Kazuhito; Aze, Yoshiya; Nishimura, Tatsuya; Oida, Hiroji; Yoshida, Nobuaki; Tanaka, Takashi; Katsuyama, Masato; Hasumoto, Ken- yuu; Murata, Takahiko; Hirata, Masakazu; Ushikubi, Fumitaka; Negishi, Manabu; Ichikawa, Atsushi; Narumiya, Shuh: Failure of parturition in mice lacking the prostaglandin F receptor. p681 1 Aug 1997.
- Summers, M. E.; Conway, R. R.; Siskind, D. E.; Stevens, M. H.; Offermann, D.; Riese, M.; Preusse, P.; Strobel, D. F.; Russell, J. M., III: Implications of satellite OH observations for middle atmospheric H₂O and ozone. p1967 26 Sep 1997.
- Sun, Y. Y. See Chu, C. W.
- Sundberg, Ulla. See Kuhl, Patricia K.
- Sung, Li-yu. See Jackson, David D.
- Sung, Z. Renee. See Ogas, Joe.
- Suri, Chitra. See Maisonpierre, Peter C.
- Swager, Timothy M. See Vanden Bout, David A.
- Swift, M. J. See Matson, P. A. See also Matson, P. A.
- Sykes, Bryan. See Cooper, Alan.
- Szuromi, Phil: Microstructural engineering of materials (editorial). p1183 29 Aug 1997.

T, U, and V

- Tachataki, Maria. See van Slegtenhorst, Marjon.
- Tachibana, Tatsuhiko. See Wada, Takuji.
- Taddei, François. See Matic, Ivan.
- Tagle, Danilo A. See Carstea, Eugene D. See also Loftus, Stacie K.
- Takai, Y. See Irie, M.
- Takano, Mikio. See Hiroi, Zenji.
- Takeuchi, M. See Irie, M.
- Takeyanagi, Ken-ichi; Kitanaka, Sachiko; Sato, Takashi; Kobori, Masato; Yanagisawa, Junn; Kato, Shigeaki: 25-hydroxyvitamin D₃ 1 α -hydroxylase and vitamin D synthesis. p1827 19 Sep 1997.
- Talianidis, Iannis. See Ktistaki, Eleni.
- Tampé, Robert. See Ortmann, Bodo.
- Tanaka, Kazunobu: Light-induced anisotropy in amorphous chalcogenides (perspective). p1786 19 Sep 1997.
- Tanaka, Takashi. See Sugimoto, Yukihiko.
- Tanikawa, Jun. See Kanei-Ishii, Chie.
- Tanksley, Steven D. and McCouch, Susan R.: Seed banks and molecular maps: unlocking genetic potential from the wild. p1063 22 Aug 1997.
- Tannanbaum, Beth. See Liu, Dong.
- Tanner, Minna M. See Anzick, Sarah L.
- Tanzi, Rudolph E. See Kim, Tae-Wan.
- Taubes, Gary (news): Magnetic field–cancer link: will it rest in peace? p29 4 July 1997.
- Taubes, Gary (news): After 50 years, self-replicating silicon. p1936 26 Sep 1997. Computer design meets Darwin. p1931 26 Sep 1997. New exotic particle points to double life for gluons. p1609 12 Sep 1997. A plan to register unpublished studies. p1754 19 Sep 1997. Resurgent mosquitoes, dengue in Cuba. p174 11 July 1997.
- Taylor, Craig D. and Wirsén, Carl O.: Microbiology and ecology of filamentous sulfur formation. p1483 5 Sep 1997.
- Taylor, Jane R. See Jentsch, J. David.
- ten Wolde, Pieter Rein and Frenkel, Daan: Enhancement of protein crystal nucleation by critical density fluctuations. p1975 26 Sep 1997.
- Tennyson, Jonathan. See Polyansky, Oleg L.

- Ter-Avanesyan, Michael D. See Paushkin, Sergey V.
- Tessman, Irwin. See Gunsalus, C. K.
- Testi, Roberto. See De Maria, Ruggero.
- Tevault, Carol V. See Greenbaum, Elias.
- Thiemens, Mark H. See Cooper, George W.
- Thoma, Richard S. See Peng, Cheng-Yuan. See also Sanchez, Yolanda.
- Thomann, U. See Höfer, U.
- Thomas, E. L. See Muthukumar, M.
- Thomas, N. See Rauer, H.
- Thomas, Peter C.; Binzel, Richard P.; Gaffey, Michael J.; Storrs, Alex D.; Wells, Eddie N.; Zellner, Benjamin H.: Impact excavation on asteroid 4 Vesta. *Hubble Space Telescope results*. p1492 5 Sep 1997.
- Thompson, C. L. See Grunnet-Jepsen, A.
- Thompson, Kevin: Science and religion (letter). p1589 12 Sep 1997.
- Thomsen, M. F. See Moore, T. E.
- Tiedemann, Hendrik: "Killer" impacts and life's origins (technical comment). p1687 12 Sep 1997.
- Tilman, David. See Chapin, F. Stuart, III.
- ; Knops, Johannes; Wedin, David; Reich, Peter; Ritchie, Mark; Siemann, Evan: The influence of functional diversity and composition on ecosystem processes. p1300 29 Aug 1997.
- Tissenbaum, Heidi A. See Kimura, Koutarou D.
- Tokitoh, Norihiro; Arai, Yoshimitsu; Okazaki, Renji; Nagase, Shigeru: Synthesis and characterization of a stable dibismuthene: evidence for a Bi-Bi double bond. p78 4 July 1997.
- Tokunaga, Makoto; Larow, Jay F.; Kakiuchi, Fumitoshi; Jacobsen, Eric N.: Asymmetric catalysis with water: efficient kinetic resolution of terminal epoxides by means of catalytic hydrolysis. p936 15 Aug 1997.
- Tomassini, Barbara. See De Maria, Ruggero.
- Tomioka, Naotaka and Fujino, Kiyoshi: Natural $(Mg,Fe)SiO_3$ -ilmenite and -perovskite in the Tenham meteorite. p1084 22 Aug 1997.
- Tompkins, Robert: review of *Genomic Potential of Differentiated Cells*, by Marie A. Di Berardino. p1056 22 Aug 1997.
- Toyoda, A. See Irie, M.
- Trent, Jeffrey M. See Anzick, Sarah L.
- Tretiak, Sergei. See Mukamel, Shaul.
- Trowsdale, John. See Ortmann, Bodo.
- Trumbore, S. See Zimov, S. A.
- Trümper, Joachim. See Dennerl, Konrad.
- Tsuboi, Kazuhito. See Sugimoto, Yukihiko.
- Tubiana, R. See Autran, B.
- Turin, H. J. See Plummer, Mitchell A.
- Turner, David P.; Ferrell, William K.; Harmon, Mark E.: The carbon crop: continued (letter). p1591 12 Sep 1997.
- Twickler, M. S. See Kreutz, K. J.
- Tyler, S. See Zimov, S. A.
- Uesugi, Motonari; Nyanguile, Origène; Lu, Hua; Levine, Arnold J.; Verdine, Gregory L.: Induced α helix in the VP16 activation domain upon binding to a human TAF. p1310 29 Aug 1997.
- Ullsperger, Christian. See Rybenkov, Valentin V.
- Uppenbrink, Julia: Seasonal climate prediction (perspectives). p1950 26 Sep 1997.
- Ushikubi, Fumitaka. See Sugimoto, Yukihiko.
- Valdez, Michael E.: Expanding wetlands globally (letter). p301 18 July 1997.
- Valdivia, Raphael H. and Falkow, Stanley: Fluorescence-based isolation of bacterial genes expressed within host cells. p2007 26 Sep 1997.
- van Alphen, Jacques J. M. See Seehausen, Ole.
- van den Bergh, Sidney: review of *The Magellanic Clouds*, by Bengt E. Wester-Lund. p906 15 Aug 1997.
- van den Ouwehand, Ans. See van Slegtenhorst, Marjon.
- van der Laan, G. See Dürr, H. A.
- van der Pluijm, Ben A.; Craddock, John P.; Graham, Brita R.; Harris, John H.: Paleostress in cratonic North America: implications for deformation of continental interiors. p794 8 Aug 1997.
- Van der Zee, Catharina E. M. See Hagg, Theo.
- van Diggelen, O. P. See Carstea, Eugene D.
- Van Paesschen, W. See Varga-Khadem, F.
- van Slegtenhorst, Marjon. See Michalet, Xavier.
- ; de Hoogt, Ronald; Hermans, Caroline; Nellist, Mark; Janssen, Bart; Verhoeft, Senno; Lindhout, Dick; van den Ouwehand, Ans; Halley, Dicky; Young, Janet; Burley, Mariwyn; Jeremiah, Steve; Woodward, Karen; Nahmias, Joseph; Fox, Margaret; Ekong, Rosemary; Osborne, John; Wolfe, Jonathan; Povey, Sue; Snell, Russell G.; Cheadle, Jeremy P.; Jones, Alistair C.; Tachataki, Maria; Ravine, David; Sampson, Julian R.; Reeve, Mary Pat; Richardson, Paul; Wilmer, Friederike; Munro, Cheryl; Hawkins, Trevor L.; Sepp, Tiina; Ali, Johari B. M.; Ward, Susannah; Green, Andrew J.; Yates, John R. W.; Kwiatkowska, Jolanta; Henske, Elizabeth P.; Short, M. Priscilla; Haines, Jonathan H.; Jozwiak, Sergiusz; Kwiatkowski, David J.: Identification of the tuberous sclerosis gene *TSC1* on chromosome 9q34. p805 8 Aug 1997.
- Vance, Jeffery M. See Scott, William K.
- Vanden Bout, David A.; Yip, Wai-Tak; Hu, Dehong; Fu, Dian-Kui; Swager, Timothy M.; Barbara, Paul F.: Discrete intensity jumps and intramolecular electronic energy transfer in the spectroscopy of single conjugated polymer molecules. p1074 22 Aug 1997.
- Vanier, Marie T. See Carstea, Eugene D.
- Varga-Khadem, F.; Gadian, D. G.; Watkins, K. E.; Connelly, A.; Van Paesschen, W.; Mishkin, M.: Differential effects of early hippocampal pathology on episodic and semantic memory. p376 18 July 1997.
- Vaughan, J. R. See Gasser, T.
- Verdine, Gregory L. See Uesugi, Motonari.
- Verhoeft, Senno. See van Slegtenhorst, Marjon.
- Verosub, Kenneth L. See Ward, Peter D.
- Veselits, Margaret L. See Kuo, Chay T.
- Vidrine, Malcolm F. See Saunders, Joe W.
- Vindigni, A. See Ido, Y.
- Vinós, Javier; Jalink, Kees; Hardy, Robert W.; Britt, Steven G.; Zuker, Charles S.: A G protein-coupled receptor phosphatase required for rhodopsin function. p687 1 Aug 1997.
- Viti, Serena. See Polyansky, Oleg L.
- Vitousek, Peter M. See Hooper, David U.
- ; Mooney, Harold A.; Lubchenco, Jane; Melillo, Jerry M.: Human domination of Earth's ecosystems. p494 25 July 1997.
- Vittinghoff, Eric. See Smith, Michael W.
- Vlahov, David. See Smith, Michael W.
- Vogel, Gretchen (news): The calculus of school reform. p1192 29 Aug 1997.
- Vogel, Gretchen (news): California spars over math reform. p1194 29 Aug 1997. From science fiction to ethics quandary. p1753 19 Sep 1997. Interference sharpens the view. p178 11 July 1997. Searching for living relics of the cell's early days. p1604 12 Sep 1997. The special needs of science. p1193 29 Aug 1997. Yeast protein acting alone triggers prion-like process. p314 18 July 1997.
- Vologodskii, Alexander V. See Rybenkov, Valentin V.
- Vonsattel, J. P. See DiFiglia, Marian.
- Voropaev, Y. V. See Zimov, S. A.
- Voss, David: Webwatch. p649 1 Aug 1997.
- : Webwatch. p1451 5 Sep 1997.
- Voss, David: Webwatch (perspective). p53 4 July 1997.
- W, X, Y, and Z**
- Wada, Takuji; Tachibana, Tatsuhiko; Shimura, Yoshiro; Okada, Kiyotaka: Epidermal cell differentiation in *Arabidopsis* determined by a Myb homolog, CPC. p1113 22 Aug 1997.
- Wade, David: On the antibiotic frontier (letter). p300 18 July 1997.
- Wagersreiter, Thomas. See Mukamel, Shaul.
- Wahl, Geoffrey M. See O'Gorman, Stephen.
- Waite, J. H., Jr. See Moore, T. E.
- Waite, J. Herbert. See Coyne, Kathryn J.
- Walker, Brian H. See Chapin, F. Stuart, III.
- Walker, Robert L. See Anzick, Sarah L.
- Wallace, J. B.; Eggert, S. L.; Meyer, J. L.; Webster, J. R.: Multiple trophic levels of a forest stream linked to terrestrial litter inputs. p102 4 July 1997.
- Wallace, Lloyd. See Polyansky, Oleg L.
- Wallauer, W. See Höfer, U.
- Waltjen, K. E. See Max, C. E.
- Waltz, Karen M. and Hartwig, John F.: Selective functionalization of alkanes by transition-metal boryl complexes. p211 11 July 1997.
- Wang, Bin and Kuspa, Adam: *Dictyostelium* development in the absence of cAMP. p251 11 July 1997.
- Ward, Peter D.; Hurtado, José M.; Kirschvink, Joseph L.; Verosub, Kenneth L.: Measurements of the Cretaceous paleolatitude of Vancouver Island: consistent with the Baja-British Columbia hypothesis. p1642 12 Sep 1997.
- Ward, Susannah. See van Slegtenhorst, Marjon.
- Wardle, David A.; Zackrisson, Olle; Hörnberg, Greger; Gallet, Christiane: The influence of island area on ecosystem properties. p1296 29 Aug 1997.
- Warren, Warren S.: review of *Spin Choreography*, by Ray Freeman. p1946 26 Sep 1997.
- Warren, Warren S.: The usefulness of NMR quantum computing (technical comment). p1688 12 Sep 1997.
- Washington, John. See Ito, Tasuku.
- Wasieleski, Michael R. See Lewis, Frederick D.
- Watkins, James D.: Science and technology in foreign affairs (policy forum). p650 1 Aug 1997.
- Watkins, K. E. See Varga-Khadem, F.
- Watson, Andrew (news): Accelerator probes the private lives of nucleons. p181 11 July 1997.
- Watson, Andrew (news): Case for neutrino mass gathers weight. p30 4 July 1997. Quantum spookiness wins, Einstein loses in photon test. p481 25 July 1997. Why can't a computer be more like a brain? p1934 26 Sep 1997. X-rays go where neutrons fear to tread. p1216 29 Aug 1997.
- Webb, Grahame. See Mrosovsky, N.
- Webb, N. See Gadd, G. E.
- Webb, Paul. See Paech, Kolja.
- Webster, J. R. See Wallace, J. B.
- Wedin, David. See Tilman, David.
- Wei, Wenyi. See Brown, Jeremy P.
- Wei, Ying-Fei. See Pan, Guohua.
- Weihe, Andreas. See Hedtke, Boris.
- Weinert, Ted: A DNA damage checkpoint meets the cell cycle engine (perspective). p1450 5 Sep 1997.
- Weinrich, Scott L. See Nakamura, Toru M.
- Weintraub, D. A. See Kastner, J. H.
- Weiser, Peter; Müller, Ralph; Braun, Uschi; Reth, Michael: Endosomal targeting and the cytoplasmic tail of membrane immunoglobulin: retraction (letter). p20 4 July 1997.
- Weiss, Friedbert. See de Fonseca, F. Rodríguez.
- Welland, M. E. See Krecmer, P.
- Wells, B. O.; Lee, Y. S.; Kastner, M. A.; Christianson, R. J.; Birganeau, R. J.; Yamada, K.; Endoh, Y.; Shirane, G.: Incommensurate spin fluctuations in high-transition temperature superconductors. p1067 22 Aug 1997.
- Wells, Eddie N. See Thomas, Peter C.
- Wells, Timothy N. C. See Kledal, Thomas N.
- Wendt, K. Ulrich; Poralla, Karl; Schulz, Georg E.: Structure and function of a squalene cyclase. p1811 19 Sep 1997.

- Wessel, Paul: Sizes and ages of seamounts using remote sensing: implications for intraplate volcanism. p802 8 Aug 1997.
- West, Stephen C. See Stasiak, Andrzej.
- Wise, Young: Fear of hope (editorial). p1907 26 Sep 1997.
- Whetton, Ross W. See Ralph, John.
- Whitlow, S. I. See Kreutz, K. J.
- Wiegand, Stanley J. See Maisonpierre, Peter C.
- Wiesmüller, Lisa. See Scheffzek, Klaus.
- Wigand, Peter E. See Plummer, Mitchell A.
- Wilcove, D. S. See Dobson, A.
- Williams, Ian: Drug development (letter). p20 4 July 1997.
- Williams, Jennifer. See Pusey, Anne.
- Williams, Josie M. See Brunn, Gregory J.
- Williams, Nigel (news): Biologists cut reductionist approach down to size. p476 25 July 1997. Dearing puts a price on education. p629 1 Aug 1997. Drug firms back move to link databases. p902 15 Aug 1997. European parliament backs new biopatent guidelines. p472 25 July 1997. Gram-positive bacterium sequenced. p478 25 July 1997. U.K. universities: the end of equality. p628 1 Aug 1997.
- Williams, Stanley N. See Roggensack, Kurt.
- Williams, Stephen. See Saunders, Joe W.
- Williamson, J. R. See Ido, Y.
- Williamson, W. S. See Moore, T. E.
- Willson, Richard C.: Total solar irradiance trend during solar cycles 21 and 22. p1963 26 Sep 1997.
- Wilmer, Friederike. See van Slegtenhorst, Marjon.
- Wilson, I. A. See Zeng, Z.-H.
- Winkler, Cheryl. See Smith, Michael W.
- Winklmair, Albert. See Frey, Monika.
- Wirsén, Carl O. See Taylor, Craig D.
- Wirth, Thomas. See Zwilling, Stefan.
- Wirth, Timothy E.: Science, technology, and foreign policy (letter). p1185 29 Aug 1997.
- Witte, Frans. See Seehausen, Ole.
- Wittinghofer, Alfred. See Scheffzek, Klaus.
- Wodtke, A. M. See Hou, H.
- Wolfe, Jonathan. See Michalet, Xavier. See also van Slegtenhorst, Marjon.
- Wolynes, Peter G. See Nelson, James C.
- Wong, Calvin. See Sanchez, Yolanda.
- Wong, Eric W.; Sheehan, Paul E.; Lieber, Charles M.: Nanobeam mechanics: elasticity, strength, and toughness of nanorods and nanotubes. p1971 26 Sep 1997.
- Woo, Katherine and Fraser, Scott E.: Specification of the zebrafish nervous system by nonaxial signals. p254 11 July 1997.
- Wood, N. See Gasser, T.
- Wood, William I. See Sheridan, James P.
- Woodward, Karen. See van Slegtenhorst, Marjon.
- Woodwell, George M.: Harassed expedition (letter). p623 1 Aug 1997.
- Wrangham, Richard W.: Subtle, secret female chimpanzees (perspective). p774 8 Aug 1997.
- Wszolek, Z. K. See Gasser, T.
- Wu, N. L. See Chu, C. W.
- Wu, Shu-Hsing. See Yeh, Kuo-Chen.
- Wu, Taifeng. See Lewis, Frederick D.
- Wu, Zhiqi. See Peng, Cheng-Yuan. See also Sanchez, Yolanda.
- Xi, You-Gen. See Manuelidis, Laura.
- Xia, Di; Yu, Chang-An; Kim, Hoeon; Xia, Jia-Zhi; Kachurin, Anatoly M.; Zhang, Li; Yu, Linda; Deisenhofer, Johann: Crystal structure of the cytochrome bc₁ complex from bovine heart mitochondria. p60 4 July 1997.
- Xia, Jia-Zhi. See Xia, Di.
- Xia, Zhengui. See Dickens, Martin.
- Xu, Guoliang. See Chuang, Linda S.-H.
- Xue, Y. Y. See Chu, C. W.
- Yamada, K. See Wells, B. O.
- Yamaguchi, Tadashi. See Ito, Tasuku.
- Yamaoka, Larry H. See Scott, William K.
- Yamasaki, Atsushi. See Sugimoto, Yukihiko.
- Yanagisawa, Junn. See Takeyama, Ken-ichi.
- Yancopoulos, George D. See Maisonpierre, Peter C.
- Yang, Fusheng. See Hsiao, Karen.
- Yang, Hexiong. See Hazen, Robert M.
- Yang, Peidong. See Lieber, Charles M.
- Yao, N. See McGrath, K. M.
- Yates, John R. W. See van Slegtenhorst, Marjon.
- Yeh, Kuo-Chen; Wu, Shu-Hsing; Murphy, John T.; Lagarias, J. Clark: A cyanobacterial phytochrome two-component light sensory system. p1505 5 Sep 1997.
- Yeomans, Donald K. See Krasnopol'sky, Vladimir A.
- Yew, P. Renee and Kirschner, Marc W.: Proteolysis and DNA replication: the CDC34 requirement in the *Xenopus* egg cell cycle. p1672 12 Sep 1997.
- Yip, Wai-Tak. See Vanden Bout, David A.
- Yoshida, Nobuaki. See Sugimoto, Yukihiko.
- Young, D. T. See Moore, T. E.
- Young, Janet. See van Slegtenhorst, Marjon.
- Young, Wise: Fear of hope (editorial). p1907 26 Sep 1997.
- Youngren, Kenneth D. See Jentsch, J. David.
- Younkin, Steven. See Hsiao, Karen.
- Yu, Chang-An. See Xia, Di.
- Yu, Guo-liang. See Pan, Guohua.
- Yu, Linda. See Xia, Di.
- Zabriskie, Norman A. See Allikmets, Rando.
- Zackrisson, Olle. See Wardle, David A.
- Zador, Anthony: review of *Spikes*, by Fred Rieke, David Warland, Rob de Ruyter van Steveninck, and Willim Bialek. p772 8 Aug 1997.
- Zandbergen, H. W.; Andersen, S. J.; Jansen, J.: Structure determination of Mg₂Si₆ particles in Al by dynamic electron diffraction studies. p1221 29 Aug 1997.
- Zappalà, Vincenzo. See Gladman, Brett J.
- Zeigler, Marsha. See Carstea, Eugene D.
- Zellner, Benjamin H. See Thomas, Peter C.
- Zeng, Z.-H.; Castaño, A. R.; Segelke, B. W.; Stura, E. A.; Peterson, P. A.; Wilson, I. A.: Crystal structure of mouse CD1: an MHC-like fold with a large hydrophobic binding groove. p339 18 July 1997.
- Zeuner, Ann. See De Maria, Ruggero.
- Zhai, Guangzhi. See Lesburg, Charles A.
- Zhang, Chuanlun. See Liu, Shi V.
- Zhang, Dana. See Carstea, Eugene D.
- Zhang, Hong. See Richards, Burt.
- Zhang, Li. See Xia, Di.
- Zhang, Yifan. See Lewis, Frederick D.
- Zhao, Yue. See Bengtson, Stefan.
- Zhou, Jizhong. See Liu, Shi V.
- Zhou, Yan. See Genbacev, Olga.
- Zimmer, Lynn. See Grinspoon, Lester.
- Zimov, S. A.; Voropaev, Y. V.; Semiletov, I. P.; Davidov, S. P.; Prosiannikov, S. F.; Chapin, F. S., III; Chapin, M. C.; Trumbore, S.; Tyler, S.: North Siberian lakes: a methane source fueled by Pleistocene carbon. p800 8 Aug 1997.
- Zink, Robert M. See Klicka, John.
- Zobov, Nikolai F. See Polyansky, Oleg L.
- Zuckerman, B. See Kastner, J. H.
- Zuckerman, Ben: Young stars and giant planets (letter). p1421 5 Sep 1997.
- Zuker, Charles S. See Vinós, Javier.
- Zwilling, Stefan; Dieckmann, Andreas; Pfisterer, Petra; Angel, Peter; Wirth, Thomas: Inducible expression and phosphorylation of coactivator BÖB.1/OBF.1 in T cells. p221 11 July 1997.