

Author Index Volume 265

July–September 1994

A and B

- Abel, Ted. See Nguyen, Peter V.
- Abelson, Philip H. (editorials): Atomic, molecular, and optical science. p719 5 Aug 1994. Chlorine and organochlorine compounds. p1155 26 Aug 1994. Evolution of industrial research. p299 15 July 1994. Minimizing wastes. p11 1 July 1994. Risk assessments of low-level exposures. p1507 9 Sep 1994. Review of *Renewable Energy from the Ocean*, by William H. Avery and Chih Wu. p419 15 July 1994.
- Abo, Arie. See Diekmann, Dagmar.
- Achacoso, Philip L. See Andino, Raul.
- Aftergood, Steven: Classification activity (letter). p171 8 July 1994.
- Aggleton, Peter; O'Reilly, Kevin; Slutkin, Gary; Davies, Peter: Risking everything? risk behavior, behavior change, and AIDS. p341 15 July 1994.
- Agre, Peter. See Preston, Gregory M.
- Ahn, Natalie G. See Mansour, Sam J.
- Aiello, Leslie C.: Thumbs up for our early ancestors (perspective). p1540 9 Sep 1994.
- Aizenberg, Michael and Milstein, David: Catalytic activation of carbon-fluorine bonds by a soluble transition metal complex. p359 15 July 1994.
- Ajayan, P. M.; Stephan, O.; Colliex, C.; Trauth, D.: Aligned carbon nanotube arrays formed by cutting a polymer resin-nanotube composite. p1212 26 Aug 1994.
- Aki, Keiti. See Li, Yong-Gang.
- Akioka, Hiroshi. See Akiyama, Kin-ya.
- Akiyama, Kin-ya; Yokota, Kim-ya; Kagawa, Susumu; Shimbara, Naoki; Tamura, Tomohiro; Akioka, Hiroshi; Nohwang, Hans G.; Noda, Chiseko; Tanaka, Keiji; Ichihara, Akira: cDNA cloning and interferon γ down-regulation of proteasomal subunits X and Y. p1231 26 Aug 1994.
- Alani, Eric. See Prolla, Tomas A.
- Albertsen, Hans. See Murray, Jeffrey C.
- Aldhous, Peter (news): CERN puts LHC approval on hold. p22 1 July 1994. Ecologists draft plan to dig in the dirt. p1521 9 Sep 1994. Fast tracks to search for diseased genes. p2008 30 Sep 1994. Généthon to sequence promoters. p182 8 July 1994. An industry-friendly science policy. p596 29 July 1994. Long-awaited probe gets new view of the sun. p1659 16 Sep 1994. Shake-up will leave most labs intact. p313 15 July 1994.
- Alexander, Brian (news): People of the Amazon fight to save the flooded forest. p606 29 July 1994.
- Alivisatos, A. P. See Tolbert, S. H.
- Al-Khodairy, Fahad. See Ford, Jon C.
- Allan, Jonathan S.: Primates and new viruses (letter). p1345 2 Sep 1994.
- Allen, J. M. C. See Mani, S. K.
- Alper, Joseph: Job-hopping to greater career heights (science careers). p1924 23 Sep 1994.
- Al-Ramadi, Basel K. See Corr, Maripat.
- Alt, Frederick W. See Taccioli, Guillermo E.
- Amara, Djamel Ait. See Saudou, Frédéric.
- Amaral, William W. See Daeschler, Edward B.
- Ambrose, W. Patrick; Goodwin, Peter M.; Martin, John C.; Keller, Richard A.: Alterations of single molecule fluorescence lifetimes in near-field optical microscopy. p364 15 July 1994.
- Ambrosio, Linda A. See Fry, David W.
- Amelinckx, S.; Zhang, X. B.; Bernaerts, D.; Zhang, X. F.; Ivanov, V.; Nagy, J. B.: A formation mechanism for catalytically grown helix-shaped graphite nanotubes. p635 29 July 1994.
- Amirhaeri, Sorour. See Wang, Yuh-Hwa.
- Anastasi, John. See Scott, Edward W.
- Anderson, Christopher (news): Agencies set rules on financial disclosure. p179 8 July 1994. Departing ITER head predicts trouble. p311 15 July 1994. DOE and Texas settle SSC claims. p600 29 July 1994. NIH panel rejects pricing clause. p598 29 July 1994. Russian network generates sparks. p178 8 July 1994. Scripps versus Congress, round II. p179 8 July 1994. Societies drop opposition to station. p311 15 July 1994. (science careers): Tenure, under fire once again, still holds strong. p1923 23 Sep 1994.
- ; Marshall, Eliot; Mervis, Jeffrey (news): Station's survival could cramp science. p180 8 July 1994.
- Anderson, Philip W.: Superconductivity: the real dichotomy (letter). p1789 23 Sep 1994.
- Andino, Raul; Silvera, Deborah; Suggett, Shelley D.; Achacoso, Philip L.; Miller, Christopher J.; Baltimore, David; Feinberg, Mark B.: Engineering poliovirus as a vaccine vector for the expression of diverse antigens. p1448 2 Sep 1994.
- Andrews, P. Ian. See Rogers, Scott W.
- Andrews, S. See Johnston, M.
- Anger, C. See Belton, M. J. S.
- Annunziato, Francesco. See Maggi, Enrico.
- Aosaki, Toshihiko. See Graybiel, Ann M.
- ; Graybiel, Ann M.; Kimura, Minoru: Effect of the nigrostriatal dopamine system on acquired neural responses in the striatum of behaving monkeys. p412 15 July 1994.
- Appella, Ettore. See Clore, G. Marius.
- Appenzeller, Tim (news): Making and trapping the ultimate ion. p187 8 July 1994. See also Brauman, John I.
- Apse, Paula S.: Institute of Human Origins breakup (letter). p722 5 Aug 1994.
- Askenasy, Jean J. M. See Karni, Avi.
- Atkins, Edward D. T. See Krejchi, Mark T.
- Austrheim, H. and Boundy, T. M.: Pseudotachylites generated during seismic faulting and eclogitization of the deep crust. p82 1 July 1994.
- Averill, Diane. See Wooster, Richard.
- Avouac, Jean-Philippe. See De Chabailier, Jean-Bernard.
- Ayalon, Ari; Sygula, Andrej; Cheng, Pei-Chao; Rabinovitz, Mordecai; Rabideau, Peter W.; Scott, Lawrence T.: Stable high-order molecular sandwiches: hydrocarbon polyanion pairs with multiple lithium ions inside and out. p1065 19 Aug 1994.
- Azem, Abdussalam; Kessel, Martin; Goloubinoff, Pierre: Characterization of a functional GroEL₁₄(GroES)₇2 chaperonin hetero-oligomer. p653 29 July 1994.
- Bada, Jeffrey L. See Becker, Luann.
- Baier, Herwig and Bonhoeffer, Friedrich: Attractive axon guidance molecules (perspective). p1541 9 Sep 1994.
- Bainbridge, William Sims: review of *The Virtual Community* by Howard Rheingold. p1114 19 Aug 1994.
- Baines, Kevin H. See Orton, Glenn S.
- Baker, C. S. and Palumbi, S. R.: Which whales are hunted? a molecular genetic approach to monitoring whaling (policy forum). p1538 9 Sep 1994.
- Baker, Victor R. and Finn, Valentina Sumin: Soviet and post-Soviet science (letter). p301 15 July 1994.
- Balazs, Anna C. See Gersappe, Dilip.
- Baldock, Richard. See Ringwald, Martin.
- Baldwin, Carole C. See Johnson, G. David.
- Balk, Steven P.; Burke, Steven; Polischuk, John E.; Frantz, Martha E.; Yang, Lin; Porcelli, Steven; Colgan, Sean P.; Blumberg, Richard S.: β_2 -microglobulin-independent MHC class Ib molecule expressed by human intestinal epithelium. p259 8 July 1994.
- Balter, Michael (news): CNRs head orders a brief freeze p1653 16 Sep 1994.
- Baltimore, David. See Andino, Raul.
- Bandurski, Robert S. See Szeszen, Jędrzej B.
- Barbee, T. W., Jr. See Ress, D.
- Bard, Jonathan. See Ringwald, Martin.
- Bardwell, A. Jane; Bardwell, Lee; Tomkinson, Alan E.; Friedberg, Errol C.: Specific cleavage of model recombination and repair intermediates by the yeast Rad1-Rad10 DNA endonuclease. p2082 30 Sep 1994.
- Bardwell, Lee. See Bardwell, A. Jane.
- Barinaga, Marcia (news): Gene therapy for clogged arteries passes test in pigs. p738 5 Aug 1994. Knockout mice: round two. p26 1 July 1994. Old protein provides new clue to nerve regeneration puzzle. p1800 23 Sep 1994. Researchers devise a master gene control switch. p27 1 July 1994. To sleep, perchance to ... learn? new studies say yes. p603 29 July 1994. Yeast enzyme finds fame in link to DNA replication. p1175 26 Aug 1994.
- Barkan, Diana: review of *From Chemical Philosophy to Theoretical Chemistry*, by Mary Jo Nye. p551 22 July 1994.
- Barrett, Richard E.: review of *Looking for the Last Percent*, by Harvey M. Choldin. p2106 30 Sep 1994.
- Barrick, Reese E. and Showers, William J.: Thermophysiology of *Tyrannosaurus rex*: evidence from oxygen isotopes. p222 8 July 1994.
- Bashaw, Matthew C. See Heanue, John F.
- Baskin, Yvonne (news): There's a new wildlife policy in Kenya: use it or lose it. p733 5 Aug 1994.
- Bassett, Douglas E., Jr. See Boguski, Mark S.
- Batson, Susan C. See Ding, Han-Fei.
- Bauer, Henry H.: "Culture wars" (letter). p854 12 Aug 1994.
- Bausinger, Huguette. See de la Salle, Henri.
- Becker, Luann; Bada, Jeffrey L.; Winans, Randall E.; Hunt, Jerry E.; Bunch, Ted E.; French, Bevan M.: Fullerenes in the 1.85-billion-year-old Sudbury impact structure. p642 29 July 1994.
- Bedzyk, Michael J. See Qian, Yonglin.
- Beebe, Thomas P., Jr. See Patrick, David L.
- Bein, Thomas. See Feng, Sue.
- Belton, M. J. S.; Chapman, C. R.; Veverka, J.; Klaasen, K. P.; Harch, A.; Greeley, R.; Greenberg, R.; Head, J. W., III; McEwen, A.; Morrison, D.; Thomas, P. C.; Davies, M. E.; Carr, M. H.; Neukum, G.; Fanale, F. P.; Davis, D. R.; Anger, C.; Gierasch, P. J.; Ingersoll, A. P.; Pilcher, C. B.: First images of asteroid 243 Ida. p1543 9 Sep 1994.
- Bender, P. L. See Dickey, J. O.
- Benditt, John M. See Kiberstis, Paula A.
- Benkovic, Patricia A. See Hirschmann, Ralph.
- Benkovic, Stephen J. See Hirschmann, Ralph.
- Benner, Steven A.; Gerloff, Dietlind L.; Jenny, Thomas F.: Predicting protein crystal structures (letter). p1642 16 Sep 1994.
- Benoit, M. See Holstein, T. W.
- Bensimon, A.; Simon, A.; Chiffaudel, A.; Croquette, V.; Heslot, F.; Bensimon, D.: Alignment and sensitive detection of DNA by a moving interface. p2096 30 Sep 1994.
- Bensimon, D. See Bensimon, A.
- Bent, Andrew F.; Kunkel, Barbara N.; Dahlbeck, Douglas; Brown, Kit L.; Schmidt, Renate; Giraudat, Jerome; Leung, Jeffrey; Staskawicz, Brian J.: *RPS2* of *Arabidopsis thaliana*: a leucine-rich repeat class of plant disease resistance genes. p1856 23 Sep 1994.
- Benz, Arnold O. See Güdel, Manuel.
- Bergens, Steven H.; Gorman, Christopher B.; Palmore, G. Tayhas R.; Whitesides, George M.: A redox fuel cell that operates with methane as fuel at 120°C. p1418 2 Sep 1994.
- Berger, Bennett M.: "Culture wars" (letter). p855 12 Aug 1994.
- Berghöfer, Thomas W. and Schmitt, Jürgen H. M. M.: X-ray variability in the hot supergiant ζ Orionis. p1689 16 Sep 1994.
- Berghuis, Albert M. See Coleman, David E.
- Bergstrahl, Jay T. See Orton, Glenn S.
- Bernaerts, D. See Amelinckx, S.
- Bernard, V. See Etter, A.
- Berndt, Rita Sloan: review of *Understanding Aphasia*, by Harold Goodglass. p420 15 July 1994.
- Bertsch, George F.: Searching for the quark-gluon plasma (perspective). p480 22 July 1994.
- Beyreuther, Konrad. See Bush, Ashley I.
- Bibbs, L. See Han, J.
- Bieber, Thomas. See de la Salle, Henri.
- Billas, Isabelle M. L.; Châtelain, A.; de Heer, Walt A.: Magnetism from the atom to the bulk in iron, cobalt, and nickel clusters. p1682 16 Sep 1994.
- Blair, Ian A. See Chaudhary, Ajai K.
- Blake, David F. See Jenniskens, Peter.
- Blalock, J. Edwin: Protein configurations (letter). p1511 9 Sep 1994.
- Bland, Christopher and Dollery, Colin: British gene therapy center (letter). p303 15 July 1994.
- Blaugrand, James E. See Cairns, Paul.
- Blaustein, J. D. See Mani, S. K.

Blencowe, Benjamin J. *See* Crispino, John D.
 Block, Barbara A. *See* Finnerty, John R.
 Bloom, Barry R.: The United States needs a national vaccine authority (policy forum). p1378 2 Sep 1994.
 Blower, S. M. and McLean, A. R.: Prophylactic vaccines, risk behavior change, and the probability of eradicating HIV in San Francisco. p1451 2 Sep 1994.
 Blum, Kenneth and Noble, Ernest P.: The sobering D₂ story (letter). p1346 2 Sep 1994.
 Blumberg, Richard S. *See* Balk, Steven P.
 Blunt, Tracy. *See* Taccioli, Guillermo E.
 Boehler, R. and Zerr, A.: Perovskite temperature profile (letter). p723 5 Aug 1994.
 Boguski, Mark S.; Tolstoshev, Carolyn M.; Bassett, Douglas E., Jr.: Gene discovery in dbEST (letter). p1993 30 Sep 1994.
 Bonhoeffer, Friedrich. *See* Baier, Herwig.
 Bothwell, Alfred L. M. *See* Corr, Maripat.
 Bothwell, Max L.; Sherbot, Darren M. J.; Pollock, Colleen M.: Ecosystem response to solar ultraviolet-B radiation: influence of trophic-level interactions. p97 1 July 1994.
 Bouck, Noël. *See* Dameron, Kristina M.
 Boundy, T. M. *See* Austrheim, H.
 Bourhill, Grant. *See* Marder, Seth R.
 Bourrot-Denise, Michèle. *See* Zanda, Brigitte.
 Boutron, Claude F. *See* Hong, Sungmin.
 Bouvier, Marlène and Wiley, Don C.: Importance of peptide amino and carboxyl termini to the stability of MHC class I molecules. p398 15 July 1994.
 Boyd, Lisa F. *See* Corr, Maripat.
 Bradley, David. *See* Clery, Daniel.
 Bradley, John P.: Chemically anomalous, preaccretionally irradiated grains in interplanetary dust from comets. p925 12 Aug 1994.
 Brasseur, Mike. *See* Hou, Jinzhao.
 Brauman, John I.; Voss, David F.; Appenzeller, Tim: Computing: networks and modeling. (editorial). p851 12 Aug 1994.
 Braun, Michael J. *See* Parsons, Thomas J.
 Brédas, Jean-Luc. *See* Marder, Seth R.
 Brennan, Patricia. *See* Raine, Adrian.
 Brenner, Michael P. *See* Shi, X. D.
 Brewer, R. G. *See* Hoffnagle, J.
 Bridges, Alexander J. *See* Fry, David W.
 Brinkman, R. *See* Johnston, M.
 Brocher, Thomas M.; McCarth, Jill; Hart, Patrick E.; Holbrook, W. Steven; Furlong, Kevin P.; McEvilly, Thomas V.; Hole, John A.; Klempner, Simon L.: Seismic evidence for a lower-crustal detachment beneath San Francisco Bay, California. p1436 2 Sep 1994.
 Bronk, Deborah A.; Glibert, Patricia M.; Ward, Bess B.: Nitrogen uptake, dissolved organic nitrogen release, and new production. p1843 23 Sep 1994.
 Brooks, Robert R. *See* Heymann, Dieter.
 Brow, Mary Ann D.: review of *The Polymerase Chain Reaction*, edited by Kary B. Mullis, François Ferré, and Richard A. Gibbs. p817 5 Aug 1994.
 Brown, Kit L. *See* Bent, Andrew F.
 Brown, Stephen C.; Thomson, Stephen A.; Veal, James M.; Davis, Donald G.: NMR solution structure of a peptide nucleic acid complexed with RNA. p777 5 Aug 1994.
 Buchner, Johannes. *See* Schmidt, Marion.
 Budai, J. D. *See* Norton, D. P.
 Budhani, Ramesh C. *See* Dai, Hongjie.
 Buehler, Lukas: Gap junctions and intercellular communications (letter). p1018 19 Aug 1994.
 Buetow, Kenneth H. *See* Murray, Jeffrey C.
 Buhot, Marie-Christine. *See* Saudou, Frédéric.
 Bull, J. J. and Levin, Bruce R.: review of *Evolution of Infectious Diseases* by Paul W. Ewald. p1469 2 Sep 1994.
 Bunch, Ted E. *See* Becker, Luann.
 Bunge, Mario: "Culture wars" (letter). p854 12 Aug 1994.
 Burd, Christopher G. and Dreyfuss, Gideon: Conserved structures and diversity of functions of RNA-binding proteins. p615 29 July 1994.
 Burke, Steven. *See* Balk, Steven P.
 Bürki, Kurt. *See* Kägi, David.
 Burns, Jane C. *See* Lin, Shuo.
 Buseck, Peter R. *See* Eisenhour, Don D.
 Bush, Ashley I.; Pettingell, Warren H.; Multhaup, Gerd; Paradis, Marc D.; Vonsattel, Jean-Paul; Gusella, James F.; Beyreuther, Konrad; Masters, Colin L.; Tanzi, Rudolph E.: Rapid induction of Alzheimer A β amyloid formation by zinc. p1464 2 Sep 1994.
 Bushnell, M. C. *See* Craig, A. D.
 Bustamante, C.; Marko, J. F.; Siggia, E. D.; Smith, S.: Entropic elasticity of λ -phage DNA (technical comment). p1599 9 Sep 1994.
 Bustin, Michael. *See* Ding, Han-Fei.
 Butlin, Roger K. and Neems, Rachel M.: Hybrid zones and sexual selection (technical comment). p122 1 July 1994.
 Buzsáki, György. *See* Sik, Attila.
 Byerlee, James D. *See* Moore, Diane E.

C and D

Cacace, Fulvio and Speranza, Maurizio: Protonated ozone: experimental detection of O₃H⁺ and evaluation of the proton affinity of ozone. p208 8 July 1994.
 Cacalano, Grace; Lee, James; Kikly, Kristine; Ryan, Ann M.; Pitts-Meek, Sharon; Hultgren, Bruce; Wood, William I.; Moore, Mark W.: Neutrophil and B cell expansion in mice that lack the murine IL-8 receptor homolog. p682 29 July 1994.
 Cáceres, Javier F.; Stamm, Stefan; Helfman, David M.; Krainer, Adrian R.: Regulation of alternative splicing in vivo by overexpression of antagonistic splicing factors. p1706 16 Sep 1994.
 Cairns, Paul; Mao, Li; Merlo, Adrian; Lee, Daniel J.; Schwab, Donna; Eby, Yolanda; Tokino, Kaori; van der Riet, Peter; Blaugrund, James E.; Sidransky, David: Rates of p16 (MTS1) mutations in primary tumors with 9p loss. (technical comment). p415 15 July 1994.
 Caldwell, John. *See* Orton, Glenn S.
 Calton, Gary: Meeting the competition (letter). p1641 16 Sep 1994.
 Candelone, Jean-Pierre. *See* Hong, Sungmin.
 Candia, Julian M. *See* Mansour, Sam J.
 Caneschi, Andrea. *See* Gatteschi, Dante.
 Cann, Howard. *See* Dausset, Jean. *See also* Murray, Jeffrey C.
 Cannon-Albright, Lisa A. *See* Wooster, Richard.
 Caraco, Nina F. *See* Cole, Jonathan J.
 Carbonari, Maurizio. *See* Maggi, Enrico.
 Cardelli, Jason A.: The abundance of heavy elements in interstellar gas. p209 8 July 1994.
 Carpentier, Jean-Louis. *See* Stendahl, Olle.
 Carr, Antony M. *See* Ford, Jon C.
 Carr, M. H. *See* Belton, M. J. S.
 Carrard, M. *See* Pekker, S.
 Carrier, David R.; Heglund, Norman C.; Earls, Kathleen D.: Variable gearing during locomotion in the human musculoskeletal system. p651 29 July 1994.
 Carroll, Sean B.; Gates, Julie; Keys, David N.; Paddock, Stephen W.; Panganiban, Grace E. F.; Selegue, Jane E.; Williams, Jim A.: Pattern formation and eyespot determination in butterfly wings. p109 1 July 1994.
 Carver-Moore, Karen. *See* Gurney, Austin L.
 Castellino, Alexander M. *See* Dobrowsky, Rick T.
 Castillo, Pablo E. *See* Weisskopf, Marc G.
 Catterall, William A. *See* Ragsdale, David S.
 Cauley, Keith. *See* Rogers, Scott W.
 Cazenave, Jean-Pierre. *See* de la Salle, Henri.
 Cech, Thomas R. *See* Murphy, Felicia L.
 Cedarbaum, Jesse M. *See* Mitsumoto, Hiroshi.
 Cee, Victor J. *See* Patrick, David L.
 Chadwick, Ruth. *See* Knoppers, Bartha Maria.
 Chakoumakos, B. C. *See* Norton, D. P.
 Chakraborty, Ranajit. *See* Morin, Phillip A.
 Champeil, Philippe. *See* Combettes, Laurent.
 Chang, Poa-Chun and Cohen, Stanley N.: Bidirectional replication from an internal origin in a linear streptomyces plasmid. p952 12 Aug 1994.
 Chao, Moses V. *See* Dobrowsky, Rick T.
 Chapman, C. R. *See* Belton, M. J. S.
 Chapman, W. *See* Schlemmer, S.
 Chaskelis, H. H. *See* Schechter, R. S.
 Châtelain, A. *See* Billas, Isabelle M. L.
 Chaudhary, Ajai K.; Nokubo, Munetaka; Reddy, G. Ramachandra; Yeola, Suresh N.; Morrow, Jason D.; Blair, Ian A.; Marnett, Lawrence J.: Detection of endogenous malondialdehyde-deoxyguanosine adducts in human liver. p1580 9 Sep 1994.
 Chauvet, O. *See* Pekker, S.
 Chachersky, Vladimir. *See* Nath, Amar.
 Chen, Yan; Ebright, Yon W.; Ebright, Richard H.: Identification of the target of a transcription activator protein by protein-protein photocrosslinking. p90 1 July 1994.
 Chen, Youhai; Kuchroo, Vijay K.; Inobe, Jun-ichi; Hafler, David A.; Weiner, Howard L.: Regulatory T cell clones induced by oral tolerance: suppression of autoimmune encephalomyelitis. p1237 26 Aug 1994.
 Cheng, Pei-Chao. *See* Ayalon, Ari.
 Chiarello, Ronald P. *See* Qian, Yonglin.
 Chibante, L. P. Felipe. *See* Heymann, Dieter.
 Chiffaudel, A. *See* Bensimon, A.
 Chikwenhera, Godfrey P. *See* Epstein, Paul R.
 Cho, A. Y. *See* Schubert, E. F.
 Cho, Yunje; Gorina, Svetlana; Jeffrey, Philip D.; Pavletich, Nikola P.: Crystal structure of a p53 tumor suppressor-DNA complex: understanding tumorigenic mutations. p346 15 July 1994.
 Chollar, Susan: Taking roads less traveled by researchers (science careers). p1914 23 Sep 1994.
 Chowdhary, Bhanu P. *See* Nilsson, Mats.
 Christen, D. K. *See* Norton, D. P.
 Christersson, Lars: Soviet and post-Soviet science (letter). p301 15 July 1994.

Cieplak, Marek; Smith, Elizabeth D.; Robbins, Mark O.: Molecular origins of friction: the force on adsorbed layers. p1209 26 Aug 1994.
 Cipra, Barry (news): Mathematicians get an on-line fingerprint file. p473 22 July 1994. New proof makes light work of partial Latin squares. p29 1 July 1994.
 Clark, J. H. *See* Mani, S. K.
 Clark, Robert A. *See* Stendahl, Olle.
 Cleaver, James E.: Genetic testing (letter). p1510 9 Sep 1994.
 Clery, Daniel (news): Europeans push ahead with disputed observatory. p1026 19 Aug 1994. New clues to superconductivity. p860 12 Aug 1994.
 ——— and Bradley, David (news): Underhanded 'breakthrough' revealed. p21 1 July 1994.
 Clore, G. Marius; Omichinski, James G.; Sakaguchi, Kazuyasu; Zambrano, Nicola; Sakamoto, Hiroshi; Appella, Ettore; Gronenborn, Angela M.: High-resolution structure of the oligomerization domain of p53 by multidimensional NMR. p386 15 July 1994.
 Coffman, Robert. *See* Morawetz, Renate A.
 Cohen, Daniel. *See* Cox, David R. *See also* Murray, Jeffrey C.
 Cohen, Jon: (news): Basic research comes to the fore as clinical results lag. p1028 19 Aug 1994. Japanese AIDS activists adopt a milder form of protest. p1029 19 Aug 1994. A parting shot from a closed case. p24 1 July 1994. U.S.-French patent dispute heads for a showdown. p23 1 July 1994. (frontiers in medicine): Are researchers racing toward success, or crawling? p1373 2 Sep 1994. Bumps on the vaccine road. p1371 2 Sep 1994.
 ——— and Marshall, Eliot (news): NIH-Pasteur: a final rapprochement? p313 15 July 1994.
 Cohen, Oren J. *See* Graziosi, Cecilia.
 Cohen, Stanley N. *See* Chang, Poa-Chun.
 Cole, Jonathan J.; Caraco, Nina F.; Kling, George W.; Kratz, Timothy K.: Carbon dioxide supersaturation in the surface waters of lakes. p1568 9 Sep 1994.
 Coleman, David E.; Berghuis, Albert M.; Lee, Ethan; Linder, Maurine E.; Gilman, Alfred G.; Sprang, Stephen R.: Structures of active conformations of G α_i , and the mechanism of GTP hydrolysis. p1405 2 Sep 1994.
 Colgan, Sean P. *See* Balk, Steven P.
 Collier, Ann C. *See* Stanley, Kenneth E.
 Collier, R. John. *See* Pallas, David C.
 Colliex, C. *See* Ajayan, P. M.
 Collins, Nadine. *See* Wooster, Richard.
 Colson, Steven D. and Dunning, Thom H., Jr.: The structure of nature's solvent: water. (perspective). p43 1 July 1994.
 Colwell, Rita R. and Pramer, David: Back to the future with UNESCO (policy forum). p1047 19 Aug 1994.
 Combes, J. R. *See* DeSimone, J. M.
 Combettes, Laurent and Champeil, Philippe: Calcium and inositol 1,4,5-trisphosphate-induced Ca²⁺ release (technical comment). p813 5 Aug 1994.
 Connors, Richard W. *See* Fry, David W.
 Cook, D. J. *See* Schlemmer, S.
 Cooper, Herbert L.: Antibiotic resistance (letter). p590 29 July 1994.
 Cooper, J. *See* Johnston, M.
 Cordon-Cardo, Carlos. *See* Kamb, Alexander.
 Cornelisse, Cees J. *See* Wooster, Richard.
 Cornfield, Daniel B.: review of *What Machines Can't Do*, by Robert J. Thomas. p1114 19 Aug 1994.
 Corr, Maripat; Slanetz, Alfred E.; Boyd, Lisa F.; Jelonek, Marie T.; Khilko, Sergei; Al-Ramadi, Basel K.; Kim, Young Sang; Maher, Stephen E.; Bothwell, Alfred L. M.; Margulies, David H.: T cell receptor-MHC class I peptide interactions: affinity, kinetics, and specificity. p946 12 Aug 1994.
 Côté, Jacques; Quinn, Janet; Workman, Jerry L.; Peterson, Craig L.: Stimulation of GAL4 derivative binding to nucleosomal DNA by the yeast SWI/SNF complex. p53 1 July 1994.
 Coulson, A. F. W.: "Culture wars". (letter). p854 12 Aug 1994.
 Cox, David R.; Green, Eric D.; Lander, Eric S.; Cohen, Daniel; Myers, Richard M.: Assessing mapping progress in the Human Genome Project (policy forum). p2031 30 Sep 1994.
 Coyne, Jerry A.; Crittenden, Anne P.; Mah, Katherine: Genetics of a pheromonal difference contributing to reproductive isolation in *Drosophila*. p1461 2 Sep 1994.
 Craig, A. D. and Bushnell, M. C.: The thermal grill illusion: unmasking the burn of cold pain. p252 8 July 1994.
 Craig, Harmon: Retention of helium in subducted interplanetary dust particles (technical comment). p1892 23 Sep 1994.
 Crain, Barbara. *See* Rogers, Scott W.
 Cretekos, Chris J. *See* Helde, Kathryn Ann.
 Crispino, John D.; Blencowe, Benjamin J.; Sharp, Phillip A.: Complementation by SR proteins of pre-mRNA splicing reactions depleted of U1 snRNP. p1866 23 Sep 1994.

- Crittenden, Anne P. See Coyne, Jerry A.
- Cronin, James W.: UNESCO's role (letter). p1791 23 Sep 1994.
- Croquette, V. See Bensimon, A.
- Crowley, Thomas J. and Kim, Kwang-Yul: Milankovitch forcing of the last interglacial sea level. p1566 9 Sep 1994.
- Crozier, Ross H.: review of *Queen Number and Sociality in Insects*, edited by Laurent Keller. p1255 26 Aug 1994.
- Culotta, Elizabeth (news): A boost for "adaptive" mutation. p318 15 July 1994. Growing into the gap. p1179 26 Aug 1994. Models predict "extinction debt". p1178 26 Aug 1994. Science standards near finish line. p1648 16 Sep 1994. UV-B effects: bad for insect larvae means good for algae. p30 1 July 1994. The weeds that swallowed the West. p1178 26 Aug 1994.
- Culp, Patricia. See Lin, Shuo.
- Daeschler, Edward B.; Shubin, Neil H.; Thomson, Keith S.; Amaral, William W.: A Devonian tetrapod from North America. p639 29 July 1994.
- Dahl, Jeremy. See Moldovan, J. Michael.
- Dahlbeck, Douglas. See Bent, Andrew F.
- Dai, Hongjie; Yoon, Seokwon; Liu, Jie; Budhani, Ramesh C.; Lieber, Charles M.: Simultaneous observation of columnar defects and magnetic flux lines in high-temperature $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ superconductors. p1552 9 Sep 1994. See Yoon, Seokwon.
- Dalkara, Turgay. See Huang, Zhihong.
- Dalva, Matthew B. and Katz, Lawrence C.: Rearrangements of synaptic connections in visual cortex revealed by laser photostimulation. p255 8 July 1994. Correction: incorrect references. (letter). p1644 16 Sep 1994.
- Daly, Peter A. See Wooster, Richard.
- Dameron, Kristina M.; Volpert, Olga V.; Tainsky, Michael A.; Bouck, Noël: Control of angiogenesis in fibroblasts by p53 regulation of thrombospondin-1. p1582 9 Sep 1994.
- DaSilva, L. B. See Ress, D.
- Daulton, Tyrone L. See Eisenhour, Don D.
- Dausset, Jean. See Murray, Jeffrey C.
- and Cann, Howard: Our genomic patrimony (editorial). p1991 30 Sep 1994.
- David, C. N. See Holstein, T. W.
- Davidowitz, Hananel. See Laurent, Gilles.
- Davidson, Duncan. See Ringwald, Martin.
- Davies, M. E. See Belton, M. J. S.
- Davies, Peter. See Aggleton, Peter.
- Davis, D. R. See Belton, M. J. S.
- Davis, Donald G. See Brown, Stephen C.
- Davis, Roger J. See Galcheva-Gargova, Zoya.
- Dawson, Ted M. See O'Dell, Thomas J.
- Day, Loren A. See Liu, David J.
- de Brion, S. See Radaelli, P. G.
- De Carli, Marco. See Maggi, Enrico.
- De Chaballier, Jean-Bernard and Avouac, Jean-Philippe: Kinematics of the Asal Rift (Djibouti) determined from the deformation of Fieale volcano. p1677 16 Sep 1994.
- de Heer, Walt A. See Billas, Isabelle M. L.
- de la Salle, Henri; Hanau, Daniel; Fricker, Dominique; Urlacher, Arlette; Kelly, Adrian; Salamero, Jean; Powis, Stephen H.; Donato, Lionel; Bausinger, Huguet; Laforet, Michel; Jeras, Matjaz; Spehner, Danièle; Bieber, Thomas; Falkenrodt, Annie; Cazenave, Jean-Pierre; Trowsdale, John; Tongio, Marie-Marthe: Homozygous human TAP peptide transporter mutation in HLA class I deficiency. p237 8 July 1994.
- de Sauvage, Frederic J. See Gurney, Austin L.
- Del Prete, Gianfranco. See Maggi, Enrico.
- Delsanto, P. P. See Schechter, R. S.
- Demarest, James F. See Graziosi, Cecilia.
- Demastes, James W. See Hafner, Mark S.
- Demengeot, Jocelyne. See Taccioli, Guillermo E.
- Depraetere, Valérie. See Kagi, David.
- Dérjard, Benoit. See Galcheva-Gargova, Zoya.
- DeSimone, J. M.; Maury, E. E.; Menciloglu, Y. Z.; McClain, J. B.; Romack, T. J.; Combes, J. R.: Dispersion polymerizations in supercritical carbon dioxide. p356 15 July 1994.
- Déville, Peter. See Wooster, Richard.
- Dhenaut, Christophe. See Samuel, Ifor D. W.
- Dia, Mamadou Ciré. See Marlink, Richard.
- Diamond, Mathew E.; Huang, Wei; Ebner, Ford F.: Laminar comparison of somatosensory cortical plasticity. p1885 23 Sep 1994.
- Dib, Colette. See Murray, Jeffrey C.
- Dickey, J. O.; Bender, P. L.; Faller, J. E.; Newhall, X. X.; Rickles, R. L.; Ries, J. G.; Shelus, P. J.; Veillet, C.; Whipple, A. L.; Wiant, J. R.; Williams, J. G.; Yoder, C. F.: Lunar laser ranging: a continuing legacy of the Apollo program. p482 22 July 1994.
- Dickinson, Chris J. See Seva, Catherine.
- Dickman, Steven (news): Was U.S. researcher a double agent? p2002 30 Sep 1994.
- Diekmann, Dagmar; Abo, Arie; Johnston, Caroline; Segal, Anthony W.; Hall, Alan: Interaction of Rac with p67^{phox} and regulation of phagocytic NADPH oxidase activity. p531 22 July 1994.
- Dierich, Andrée. See Saudou, Frédéric.
- Diffley, John F. X. See Dowell, Simon J.
- Dinerman, Jay L. See O'Dell, Thomas J.
- Dinerstein, Eric. See Redford, Kent H.
- Ding H. See Johnston, M.
- Ding, Han-Fei; Rimsky, Sylvie; Batson, Susan C.; Bustin, Michael; Hansen, Ulla: Stimulation of RNA polymerase II elongation by chromosomal protein HMG-14. p796 5 Aug 1994.
- Divne, Christina; Ståhlberg, Jerry; Reinikainen, Tapani; Ruohonen, Laura; Pettersson, Göran; Knowles, Jonathan K. C.; Teeri, Tuula T.; Jones, T. Alwyn: The three-dimensional crystal structure of the catalytic core of cellobiohydrolase I from *Trichoderma reesei*. p524 22 July 1994.
- Djerassi, Carl. See Jitsukawa, Mariko.
- Dobrowsky, Rick T.; Werner, Mark H.; Castellino, Alexander M.; Chao, Moses V.; Hannun, Yusuf A.: Activation of the sphingomyelin cycle through the low-affinity neurotrophin receptor. p1596 9 Sep 1994.
- Doherty, T. Mark. See Morawetz, Renate A.
- Dollery, Colin. See Bland, Christopher.
- Donahoe, Patricia K. See Wang, Tongwen.
- Donato, Lionel. See de la Salle, Henri.
- Dong, Beihua. See Maran, Avudaiappan.
- Doolittle, W. Ford. See Stoltzfus, Arlin.
- Dover, J. See Johnston, M.
- Dowell, Simon J.; Romanowski, Piotr; Diffley, John F. X.: Interaction of Dbf4, the Cdc7 protein kinase regulatory subunit, with yeast replication origins in vivo. p1243 26 Aug 1994.
- Drake, J. J. See Schmitt, J. H. M. M.
- Drell, Sidney D.: Proposal to HEPAP (letter). p169 8 July 1994.
- Dreyfuss, Gideon. See Burd, Christopher G.
- Du, Z. See Johnston, M.
- Dujardin, E.; Ebbesen, T. W.; Hiura, H.; Tanigaki, K.: Capillarity and wetting of carbon nanotubes. p1850 23 Sep 1994.
- Dunn, Robert C. See Xie, X. Sunney.
- Dunning, Thom H., Jr. See Colson, Steven D.
- Duyk, Geoffrey M. See Murray, Jeffrey C.

E and F

- Earls, Kathleen D. See Carrier, David R.
- Easton Douglas F. See Wooster, Richard.
- Ebbesen, T. W. See Dujardin, E.
- Eberhart, Mark: Computational metallurgy (perspective). p332 15 July 1994.
- Ebert, Dieter: Virulence and local adaptation of a horizontally transmitted parasite. p1084 19 Aug 1994.
- Ebner, Ford F. See Diamond, Mathew E.
- Ebright, Richard H. See Chen, Yan. See also Pendergrast, P. Shannon.
- Ebright, Yon W. See Chen, Yan. See also Pendergrast, P. Shannon.
- Eby, Yolanda. See Cairns, Paul.
- Eick, Dirk. See Hermeking, Heiko.
- Eisen, Geoffrey. See Marlink, Richard.
- Eisenhour, Don D.; Daulton, Tyrone L.; Buseck, Peter R.: Electromagnetic heating in the early solar nebula and the formation of chondrules. p1067 19 Aug 1994.
- Elkinton, Joseph S. See Myers, Judith H.
- Engbersen, J. F. J. See Schierbaum, K. D.
- Engbreton, Daniel S.; Zaleski, Jeffrey M.; Leroi, George E.; Nocera, Daniel G.: Direct spectroscopic detection of a zwitterionic excited state. p759 5 Aug 1994.
- Enquist, Lynn W. See Standish, Amelia.
- Eppig, Janan T. See Ringwald, Martin.
- Epstein, Paul R. and Chikwenhere, Godfrey P.: Biodiversity questions (letter). p1510 9 Sep 1994.
- Epstein, Samuel. See Feng, Xiahong. See also Watson, Laurie Leshin.
- Epstein, Stephen E. See Speir, Edith.
- Errede, Beverly. See Irie, Kenji.
- Essex, Max. See Marlink, Richard.
- Etkin, Laurence D. See Kloc, Malgorzata.
- Etter, A.; Bernard, V.; Kenzelmann, M.; Tobler, H.; Müller, F.: Ribosomal heterogeneity from chromatin diminution in *Ascaris lumbricoides*. p954 12 Aug 1994.
- Fago, Frederick J. See Moldovan, J. Michael.
- Falkenrodt, Annie. See de la Salle, Henri.
- Faller, J. E. See Dickey, J. O.
- Fanale, F. P. See Belton, M. J. S.
- Farnan, Ian and Stebbins, Jonathan F.: The nature of the glass transition in a silica-rich oxide melt. p1206 26 Aug 1994.
- Fauci, Anthony S. See Graziosi, Cecilia.
- Favello, A. See Johnston, M.
- Fehling, H. J.; Swat, W.; Laplace, C.; Kühn R.; Rajewsky, K.; Müller, U.; von Boehmer, H.: MHC class I expression in mice lacking the proteasome subunit LMP-7. p1234 26 Aug 1994.
- Feinberg, Mark B. See Andino, Raul.
- Fellers, R. S. See Giesen, T. F.
- Feng, Sue and Bein, Thomas: Vertical aluminophosphate molecular sieve crystals grown at inorganic-organic interfaces. p1839 23 Sep 1994.
- Feng, Xiahong and Epstein, Samuel: Climatic implications of an 8000-year hydrogen isotope time series from bristlecone pine trees. p1079 19 Aug 1994.
- Ferencz, A. See Gupta, V. K.
- Ferguson, Gregory S. See Kleinfeld, Elaine R.
- Feunteun, Jean. See Wooster, Richard.
- Field, George B.: review of *The Hubble-Wars*, by Eric J. Chaisson. p1743 16 Sep 1994.
- Fields, Patty. See Wooster, Richard.
- Finch, Elizabeth A. and Goldin, Stanley M.: Calcium and inositol 1,4,5-trisphosphate-induced Ca^{2+} release (technical comment). p813 5 Aug 1994.
- Finck, Barbara K.; Linsley, Peter S.; Wofsy, David: Treatment of murine lupus with CTLA4lg. p1225 26 Aug 1994.
- Finkel, Toren. See Speir, Edith.
- Finkelstein, Alan: Gap junctions and intercellular communications (letter). p1017 19 Aug 1994.
- Finn, Valentina Sumin. See Baker, Victor R.
- Finnerty, John R. and Block, Barbara A.: Accounting for endothermy in fishes (technical comment). p1250 26 Aug 1994.
- Fischl, Margaret A. See Stanley, Kenneth E.
- Fischman, Joshua (news): Putting our oldest ancestors in their proper place p2011 30 Sep 1994.
- Fishman, Mark C. See Huang, Zhihong. See also O'Dell, Thomas J.
- Flaherty, Alice W. See Graybiel, Ann M.
- Flajnik, Martin: review of *Primordial Immunity*, edited by Gregory Beck, Edwin L. Cooper, Gail S. Habicht, and John J. Marchalonis. p1254 26 Aug 1994.
- Flam, Faye (news): Art imitates life. p868 12 Aug 1994. The artifice of cooperation. p868 12 Aug 1994. Boron therapy gets early test. p1799 23 Sep 1994. The chemistry of life at the margins. p471 22 July 1994. Co-opting a blind watchmaker. p1032 19 Aug 1994. EPA campaigns for safer chemicals. p1519 9 Sep 1994. Finding molecular needles-in-a-haystack. p32 1 July 1994. In budget crunch, FUSE gets trimmed. p1801 23 Sep 1994. Lighting a route to the new physics—with photons. p2013 30 Sep 1994. Privately funded exhibit raises scientists' ire. p729 5 Aug 1994. Will history repeat for boron capture therapy? p468 22 July 1994.
- Fleming, R. M. See Ramirez, A. P.
- Fleming, Theodore H.: review of *La Selva*, edited by Lucinda A. McDade, Kamaljit S. Bawa, Henry A. Hespenheide, and Gary S. Hartshorn. p269 8 July 1994.
- Fletcherick, Robert J. See Zhou, G. Wayne.
- Ford, Deborah. See Wooster, Richard.
- Ford, Jon C.; Al-Khodairy, Fahad; Fotou, Eleftheria; Sheldrick, Katherine S.; Griffiths, Dominic J. F.; Carr, Antony M.: 14-3-3 protein homologs required for the DNA damage checkpoint in fission yeast. p533 22 July 1994.
- Forrester, William C.; van Genderen, Courtney; Jenuwein, Thomas; Grosschedl, Rudolf: Dependence of enhancer-mediated transcription of the immunoglobulin μ gene on nuclear matrix attachment regions. p1221 26 Aug 1994.
- Forró, L. See Pekker, S.
- Fortin, Jean-Pierre. See Graziosi, Cecilia.
- Foster, Patricia L.: Adaptive mutation. (letter). p1995 30 Sep 1994.
- and Trimarchi, Jeffrey M.: Adaptive reversion of a frameshift mutation in *Escherichia coli* by simple base deletions in homopolymeric runs. p407 15 July 1994.
- Fotou, Eleftheria. See Ford, Jon C.
- Fournier, Maurille J. See Krejch, Mark T.
- Fox, Harold H. See Samuel, Ifor D. W.
- Fox, Karen Celia (news): Cleaner manufacturing of plastics—with a bit of bubbly p321 15 July 1994.
- Frantz, Martha E. See Balk, Steven P.
- Freed, Ellen; Symons, Marc; Macdonald, Susan G.; McCormick, Frank; Ruggieri, Rosamaria: Binding of 14-3-3 proteins to the protein kinase Raf and effects on its activation. p1713 16 Sep 1994.
- Freedman, David H.: A romance blossoms between gray matter and silicon (computing in science). p889 12 Aug 1994.
- Freeman, A. J. See Wu, Ruqian.
- French, Bevan M. See Becker, Luann.
- Fricker, Dominique. See de la Salle, Henri.
- Friedberg, Errol C. See Bardwell, A. Jarie.
- Friedmann, Theodore. See Lin, Shuo.
- Friedson, A. James. See Orton, Glenn S.
- Friend, Stephen: p53: a glimpse at the puppet behind the

shadow play (perspective). p334 15 July 1994.

Frisbie, C. Daniel; Rozsnyal, Lawrence F.; Noy, Aleksandr; Wrighton, Mark S.; Lieber, Charles M.: Functional group imaging by chemical force microscopy. p2071 30 Sep 1994.

Frisch, Priscilla C.: Morphology and ionization of the interstellar cloud surrounding the solar system. p1423 2 Sep 1994.

Fritz, Monika. See Radmacher, Manfred.

Fry, David W.; Kraker, Alan J.; McMichael, Amy; Ambrosio, Linda A.; Nelson, James M.; Leopold, Wilbur R.; Connors, Richard W.; Bridges, Alexander J.: A specific inhibitor of the epidermal growth factor receptor tyrosine kinase. p1093 19 Aug 1994.

Fu, Haian. See Pallas, David C.

Fukasawa, Kenji. See Mansour, Sam J.

Fulton, L. See Johnston, M.

Fünfschilling, J. See Rütschi, M.

Furlong, Kevin P. See Brocher, Thomas M.

G and H

Gabriel, Clifford J.: Life-sciences peer review at NASA (letter). p170 8 July 1994.

Gahring, Lorise C. See Rogers, Scott W.

Gaiano, Nicholas. See Lin, Shuo.

Galambos, Louis: review of *Profits of Science*, by Robert Teitelman. p687 29 July 1994.

Galcheva-Gargova, Zoya; Dérjard, Benoit; Wu, I-Huan; Davis, Roger J.: An osmosensing signal transduction pathway in mammalian cells. p806 5 Aug 1994.

Gantt, Kira R. See Graziosi, Cecilia.

Garnier, Francis; Hajlaoui, Ryad; Yassar, Abderrahim; Srivastava, Pratima: All-polymer field-effect transistor realized by printing techniques. p1684 16 Sep 1994.

Gaston, K. J. See Margules, C. R.

Gates, Julie. See Carroll, Sean B.

Gatteschi, Dante; Caneschi, Andrea; Pardi, Luca; Sessoli, Roberto: Large clusters of metal ions: the transition from molecular to bulk magnets. p1054 19 Aug 1994.

Gattung, S. See Johnston, M.

Gaub, H. E. See Holstein, T. W.

Gaudillière, Jean-Paul: review of *The Gene Wars*, by Robert Cook-Deegan. p685 29 July 1994.

Gayama, Shinyo. See Kanagawa, Osami.

Gee, Jeff. See Kent, Dennis V.

Gee, Pauline. See Rosenberg, Susan M.

Gehring, Walter J. See Quiring, Rebecca.

Geisel, C. See Johnston, M.

Gellin, Bruce G. See Katz, Samuel L.

Gelperin, A. See Tank, D. W.

Gentsch, Jon. See Glass, Roger I.

Gerken, Steven. See Murray, Jeffrey C.

Gerlach, Terrence M. See Wallace, Paul J.

Gerloff, Dietlind L. See Benner, Steven A.

Germán-Heins, Judit. See Retallack, Gregory J.

Gersappe, Dilip; Irvine, Darrell; Balazs, Anna C.; Liu, Yun; Sokolov, Jon; Rafailovich, Miriam; Schwarz, Steven; Peiffer, Dennis G.: The use of graft copolymers to bind immiscible blends. p1072 19 Aug 1994.

Gerson, Kathleen: review of *Gender and the Academic Experience*, edited by Kathryn P. Meadow Orlans and Ruth A. Wallace. p1899 23 Sep 1994.

Ghosh, Sankar. See Kopp, Elizabeth.

Gibbons, Ann (news): Dante goes into the volcano. p731 5 Aug 1994. Lab custody fight in institute 'divorce.' p864 12 Aug 1994. Mistreating a long-time host. p1037 19 Aug 1994. (frontiers in medicine): Children's vaccine initiative stumbles. p1376 2 Sep. 1994. (science careers): Making the grade as a scientific manager p1937 23 Sep 1994. (letter): Institute of Human Origins: separation issues. p15 1 July 1994.

Gierasch, P. J. See Belton, M. J. S.

Giese, Nathalia A. See Morawetz, Renate A.

Giesen, T. F.; Van Orden, A.; Hwang, H. J.; Fellers, R. S.; Provençal, R. A.; Saykally, R. J.: Infrared laser spectroscopy of the linear C₁₃ carbon cluster. p756 5 Aug 1994.

Gilman, Alfred G. See Coleman, David E.

Gilmore, Gary L.: Resistance to murine acquired immunodeficiency syndrome (MAIDS) (technical comment). p264 8 July 1994.

Giraudat, Jerome. See Bent, Andrew F.

Glanz, James (news): Do chaos-control techniques offer hope for epilepsy?. p1174 26 Aug 1994. Time-reversed sound waves resonate among physicists. p474 22 July 1994. Will holograms tame the data glut? p736 5 Aug 1994.

Glass, Roger I.; Gentsch, Jon; Smith, Jean C.: Rotavirus vaccines: success by reassortment? (perspective). p1389 2 Sep 1994.

Glibert, Patricia M. See Bronk, Deborah A.

Gold, Geoffrey H. See Kurahashi, Takashi.

Goldfarb, Alex. See Nudler, Evgeny.

Goldgar, David E. See Wooster, Richard.

Goldin, Stanley M. See Finch, Elizabeth A.

Goldstone, Robert: review of *Classification and Cognition*, by W. K. Estes. p552 22 July 1994.

Golisch, William F. See Orton, Glenn S.

Goloubinoff, Pierre. See Azem, Abdussalam.

Golovchenko, J. A. See Hwang, Ing-Shouh.

Golstein, Pierre. See Kägi, David.

Good, Gregory A.: review of *Science and the Canadian Arctic*, by Trevor H. Levere, and *Science in the Subarctic*, by Debra Lindsay. p686 29 July 1994.

Goodall, Jane. See Morin, Phillip A.

Goodwin, Peter M. See Ambrose, W. Patrick.

Göpel, W. See Schierbaum, K. D.

Gordon, David. See Ohno, Takeshi.

Gorina, Svetlana. See Cho, Yunje.

Gorman, Christopher B. See Bergens, Steven H. See also Marder, Seth R.

Gotoh, Yukiko. See Irie, Kenji.

Gottlieb, Tanya M. See Taccioli, Guillermo E.

Grafman, Jordan. See Pascual-Leone, Alvaro.

Graybiel, Ann M.; Aosaki, Toshihiko; Flaherty, Alice W.; Kimura, Minoru: The basal ganglia and adaptive motor control. p1826 23 Sep 1994.

Graziosi, Cecilia; Pantaleo, Giuseppe; Gantt, Kira R.; Fortin, Jean-Pierre; Demarest, James F.; Cohen, Oren J.; Sékaly, Rafick P.; Fauci, Anthony S.: Lack of evidence for the dichotomy of T_H1 and T_H2 predominance in HIV-infected individuals. p248 8 July 1994.

Greaves, G. Neville. See Thomas, John Meurig.

Greeley, R. See Belton, M. J. S.

Green, Eric D. See Cox, David R.

Greenberg, R. See Belton, M. J. S.

Greene, Richard L. See Nath, Amar.

Greengard, Leslie: Fast algorithms for classical physics. p909 12 Aug 1994.

Griep, David M. See Orton, Glenn S.

Griffith, Jack D. See Murphy, Felicia L. See also Wang, Yuh-Hwa.

Griffiths, Dominic J. F. See Ford, Jon C.

Grimshaw, Andrew S.: Enterprise-wide computing (perspective). p892 12 Aug 1994.

Gronenborn, Angela M. See Clore, G. Marius.

Gross, Louis J.: Antibiotic resistance. (letter) p589 29 July 1994.

Grosschedl, Rudolf. See Forrester, William C.

Grunwald, David Jonah. See Helde, Kathryn Ann.

Grütter, P. See Rütschi, M.

Gu, Hua; Marth, Jamey D.; Orban, Paul C.; Mossman, Horst; Rajewsky, Klaus: Deletion of a DNA polymerase β gene segment in T cells using cell type-specific gene targeting. p103 1 July 1994.

Güdel, Manuel; Schmitt, Jürgen H. M. M.; Benz, Arnold O.: Discovery of microwave emission from four nearby solar-type G stars. p933 12 Aug 1994.

Gueye, El-Hadji. See Marlink, Richard.

Guèye-Ndiaye, Aissatou. See Marlink, Richard.

Güntherodt, H.-J. See Rütschi, M.

Guo, Jincan. See Zhou, G. Wayne.

Gupta, A.; Sun, J. Z.; Tsuei, C. C.: Mercury-based cuprate high-transition temperature grain-boundary junctions and SQUIDS operating above 110 Kelvin. p1075 19 Aug 1994.

Gupta, V. K.; Kornfield, J. A.; Ferencz, A.; Wegner, G.: Controlling molecular order in "hairy-rod" Langmuir-Blodgett films: a polarization-modulation microscopy study. p940 12 Aug 1994.

Gurney, Austin L.; Carver-Moore, Karen; de Sauvage, Frederic J.; Moore, Mark W.: Thrombocytopenia in c-mpl-deficient mice. p1445 2 Sep 1994.

Gusella, James F. See Bush, Ashley I.

Gyapay, Gabor. See Murray, Jeffrey C.

Hacker, Bradley R.: Rapid emplacement of young oceanic lithosphere: argon geochronology of the Oman ophiolite. p1563 9 Sep 1994.

Haddon, R. C. See Ramirez, A. P.

Haehnel, Leda C. See Pallas, David C.

Hafler, David A. See Chen, Youhai.

Hafner, Mark S.; Sudman, Philip D.; Villablanca, Francis X.; Spradling, Theresa A.; Demastes, James W.; Nadler, Steven A.: Disparate rates of molecular evolution in cospeciating hosts and parasites. p1087 19 Aug 1994.

Hagan, William J., Jr.: "Culture wars" (letter). p853 12 Aug 1994.

Hagen, Stephen J.: Handedness: basic physics (letter). p1792 23 Sep 1994.

Hails, Rosemary S. See Williams, Trevor.

Haisch, B. M. See Schmitt, J. H. M. V.

Hajlaoui, Ryad. See Garnier, Francis.

Hakonen, Pertti and Lounasmaa, Olli V.: Negative absolute temperatures: "hot" spins in spontaneous magnetic order. p1821 23 Sep 1994.

Hall, Alan. See Diekmann, Dagmar.

Hall, B. Fenton. See Rabinovich, N. Regina.

Hall, Caroline Breese: Prospects for a respiratory syncytial virus vaccine (perspective). p1393 2 Sep 1994.

Hallet, Bernard and Putkonen, Jaakko: Surface dating of dynamic landforms: young boulders on aging moraines. p937 12 Aug 1994.

Hallett, Mark. See Pascual-Leone, Alvaro.

Halvorson, Craig; Hays, Andrew; Kraabel, Brett; Wu, Rulian; Wudl, Fred; Heeger, Alan J.: A 160-femtosecond optical image processor based on a conjugated polymer. p1215 26 Aug 1994.

Hammel, Heidi B. See Orton, Glenn S.

Hampson, Edith C. G. M. See Robinson, Stephen R.

Han, J.; Lee, J.-D.; Bibbs, L.; Ulevitch, R. J.: A MAP kinase targeted by endotoxin and hyperosmolarity in mammalian cells. p808 5 Aug 1994.

Hanau, Daniel. See de la Salle, Henri.

Hannun, Yusuf A. See Dobrowsky, Rick T.

Hansen, Ulla. See Ding, Han-Fei.

Hansma, Helen G. See Radmacher, Manfred.

Hansma, Paul K. See Radmacher, Manfred.

Hanson, Brooks. See Lindley, David.

Harch, A. See Belton, M. J. S.

Hardin, Joseph B. See Schatz, Bruce R.

Harris, Reuben S. See Rosenberg, Susan M.

Harris, Tim and Kinsella, Kevin J.: Gene ownership. (letter). p589 29 July 1994.

Harrison, J. A. See Schlemmer, S.

Hart, Patrick E. See Brocher, Thomas M.

Hartley, Janet W. See Morawetz, Renate A.

Hastenrath, Stefan: Recession of tropical glaciers (letter). p1790 23 Sep 1994.

Hata, Yoshio and Stryker, Michael P.: Control of thalamocortical afferent rearrangement by postsynaptic activity in developing visual cortex. p1732 16 Sep 1994.

Hawkins, Bradford A.; Hochberg, Michael E.; Thomas, Matthew B.: Biological control and refuge theory (technical comment). p812 5 Aug 1994.

Hayashi, Yasunori. See Kaba, Hideto.

Hays, Andrew. See Halvorson, Craig.

Hayward, S. Diane. See Henkel, Thomas.

Head, J. W., III. See Belton, M. J. S.

Heanue, John F.; Bashaw, Matthew C.; Hesselink, Lambertus: Volume holographic storage and retrieval of digital data. p749 5 Aug 1994.

Heeger, Alan J. See Halvorson, Craig.

Heglund, Norman C. See Carrier, David R.

Heinemann, Stephen F. See Rogers, Scott W.

Helde, Kathryn Ann; Wilson, Ellen T.; Cretekos, Chris J.; Grunwald, David Jonah: Contribution of early cells to the fate map of the zebrafish gastrula. p517 22 July 1994.

Helfman, David M. See Cáceres, Javier F.

Hellemans, Alexander (news): Academics give new government a jolt p168 26 Aug 1994.

Hellinger, James. See Marlink, Richard.

Hen, René. See Saudou, Frédéric.

Hendler, James: High-performance artificial intelligence (perspective). p891 12 Aug 1994.

Hengartner, Hans. See Kägi, David.

Henkel, Thomas; Ling, Paul D.; Hayward, S. Diane; Peterson, Michael Gregory: Mediation of Epstein-Barr virus EBNA2 transactivation by recombination signal-binding protein J κ . p92 1 July 1994.

Henry, Donald O.: Prehistoric cultural ecology in southern Jordan. p336 15 July 1994.

Henzel, William J. See Hou, Jinzhao.

Herbst, Thomas. See Orton, Glenn S.

Hermann, April S. See Mansour, Sam J.

Hermeking, Heiko and Eick, Dirk: Mediation of c-Myc-induced apoptosis by p53. p2091 30 Sep 1994.

Herskowitz, Ira. See Peter, Matthias.

Heslot, F. See Bensimon, A.

Hesselink, Lambertus. See Heanue, John F.

Hesterberg, Tim. See Merritts, Dorothy.

Hewins, Roger H. See Zanda, Brigitte.

Heymann, Dieter; Chibante, L. P. Felipe; Brooks, Robert R.; Wolbach, Wendy S.; Smalley, Richard E.: Fullerenes in the Cretaceous-Tertiary boundary layer. p645 29 July 1994.

Hickey, Leo J. See Moldovan, J. Michael.

Higuchi, Takashi. See Kaba, Hideto.

Hillier, L. See Johnston, M.

Hirschmann, Ralph; Smith, Amos B., III; Taylor, Carol M.; Benkovic, Patricia A.; Taylor, Scott D.; Yager, Craig M.; Sprengler, Paul A.; Benkovic, Stephen J.: Peptide synthesis catalyzed by an antibody containing a binding site for variable amino acids. p234 8 July 1994.

Hiura, H. See Dujardin, E.

Hiyagon, Hajime: Retention of helium in subducted interplanetary dust particles (technical comment). p1893 23 Sep 1994.

Ho, Tze Chun. See Hou, Jinzhao.

Hobbs, B. E. See Wang, J. N.

Hochberg, Michael E. See Hawkins, Bradford A.

Hochschild, Ann. See Joung, J. Keith.

- Hoeveler, J. David, Jr.: review of *The Soul of the American University*, by George M. Marsden. p549 22 July 1994.
- Hoffman, Brian M. See Zhou, Jian S.
- Hoffnagle, J. and Brewer, R. G.: On the frequency-locked orbits of two particles in a Paul trap. p213 8 July 1994.
- Hogan, Craig J.: review of *Modern Cosmology and the Dark Matter Problem*, by D. W. Sciama, and *The Renaissance of General Relativity and Cosmology*, edited by George Ellis, Antonio Lanza, and John Miller. p817 5 Aug 1994.
- Holbrook, W. Steven. See Brocher, Thomas M.
- Holden, Constance (news): Science and math scores rebound. p1167 26 Aug 1994. Tuna stocks: East meets West. p1525 9 Sep 1994. (science careers): A quick guide to job-hunting. p1932 23 Sep 1994. Retirement: when to go and what to do. p1938 23 Sep 1994. Science careers: playing to win. p1905 23 Sep 1994. (letter): The sobering D₂ story. (letter). p1347 2 Sep 1994.
- Hole, John A. See Brocher, Thomas M.
- Holstein, T. W.; Benoit, M.; v. Herder, G.; Wanner, G.; David, C. N.; Gaub, H. E.: Fibrous mini-collagens in *Hydra* nematocysts. p402 15 July 1994.
- Holt, Patrick G. See McMenamin, Christine.
- Holzer, Thomas L.: Predicting earthquake effects—learning from Northridge and Loma Prieta. (policy forum). p1182 26 Aug 1994.
- Hong, Sungmin; Candelone, Jean-Pierre; Patterson, Clair C.; Boutton, Claude F.: Greenland ice evidence of hemispheric lead pollution two millennia ago by Greek and Roman civilizations. p1841 23 Sep 1994.
- Honjo, Tasuku. See Nakano, Toru.
- Hopkins, Nancy. See Lin, Shuo.
- Hopkins, Paul C. R. and Whisstock, James: Function of maspin. (technical comment). p1893 23 Sep 1994.
- Horack, John M.: Gamma ray bursts: near or far? (perspective). p1186 26 Aug 1994.
- Hou, Jinzhao; Schindler, Ulrike; Henzel, William J.; Ho, Tze Chun; Brasseur, Mike; McKnight, Steven L.: An interleukin-4-induced transcription factor: IL-4 Stat. p1701 16 Sep 1994.
- Houston, Heidi and Vidale, John E.: The temporal distribution of seismic radiation during deep earthquake rupture. p771 5 Aug 1994.
- Houston, P. L. See Miller, R. L.
- Hsieh, Chung-Cheng. See Marlink, Richard.
- Hsu, Chin-Yuan and Li, Chia-Wei: Magnetoreception in honeybees. p95 1 July 1994.
- Huang, Eng-Shang. See Speir, Edith.
- Huang, Paul L. See Huang, Zhihong. See also O'Dell, Thomas J.
- Huang, Q. See Radaelli, P. G.
- Huang, Wei. See Diamond, Mathew E. See also Zhou, G. Wayne.
- Huang, Zhihong; Huang, Paul L.; Panahian, Nariman; Dalkara, Turgay; Fishman, Mark C.; Moskowitz, Michael A.: Effects of cerebral ischemia in mice deficient in neuronal nitric oxide synthase. p1883 23 Sep 1994.
- Huber, Robert. See Steinbacher, Stefan.
- Hughes, Terence P.: Catastrophes, phase shifts, and large-scale degradation of a Caribbean coral reef. p1547 9 Sep 1994.
- Hughes, Thomas E. See Rogers, Scott W.
- Huisman, Gjalte W. and Kolter, Roberto: Sensing starvation: a homoserine lactone-dependent signaling pathway in *Escherichia coli*. p537 22 July 1994.
- Huizinga, Bradley J. See Moldovan, J. Michael.
- Hultgren, Bruce. See Cacalano, Grace.
- Humphrey, Stephen R.: review of *Everglades*, edited by Steven M. Davis, John C. Ogden, and Winifred A. Park. p976 12 Aug 1994.
- Hunt, Jerry E. See Becker, Luann.
- Hunt, N. E. J. See Schubert, E. F.
- Huston, Michael: Biological diversity and agriculture. (letter). p458 22 July 1994.
- Hutcheon, Ian D. See Watson, Laurie Leshin.
- Hwang, H. J. See Giesen, T. F.
- Hwang, Ing-Shouh; Theiss, Silva K.; Golovchenko, J. A.: Mobile point defects and atomic basis for structural transformations of a crystal surface. p490 22 July 1994.
1994. Election ballots, nominations due. p2115 30 Sep 1994. Election slate addendum. p691 29 July 1994. Engineer 'diplomat' nound for Kiev. p2115 30 Sep 1994. Helping students learn science the way scientists work. p2114 30 Sep 1994. Lessons in U.S. arms control. p1261 26 Aug 1994. Making "good data" a weapon for human rights. p1260 26 Aug 1994. Media reviewers needed. p691 29 July 1994. New dues rates set for 1995. p1261 26 Aug 1994. 1993 annual report available. p691 29 July 1994. Resources available. p1261 26 Aug 1994. Special research consultants. p691 29 July 1994. Top awards to "Science Update." p691 29 July 1994. "We urge you to take prompt action." p1260 26 Aug 1994.
- Irie, Kenji; Gotoh, Yukiko; Yashar, Beverly M.; Errede, Beverly; Nishida, Eisuke; Matsumoto, Kunihiro: Stimulatory effects of yeast and mammalian 14-3-3 proteins on the Raf protein kinase. p1716 16 Sep 1994.
- Irvine, Darrell. See Gersappe, Dilip.
- Isobe, Toshiyuki. See Sasamori, Riichi.
- Ivanov, V. See Amelincx, S.
- Jackson, James R. See Sharma, Surendra.
- Jackson, Stephen P. See Taccioli, Guillermo E.
- Jaenicke, Rainer. See Schmidt, Marion.
- Jakosky, Bruce M.: review of *Remote Geochemical Analysis*, edited by Carle M. Peters and Peter A. J. Englert. p1470 2 Sep 1994.
- Jánossy, A. See Pekker, S.
- Jansen, Arthur S. P. and Loewy, Arthur D.: Viral tracing of innervation (technical comment). p121 1 July 1994.
- Jayawardhana, Ray (news): Astronomers gossip about the (cosmic) neighborhood. p1526 9 Sep 1994. How comets stay frisky in the cold. p1658 16 Sep 1994. A lost tribe of quasars. p2012 30 Sep 1994. Micro-quasars found in our galaxy. p1362 2 Sep 1994.
- Jeffrey, Philip D. See Cho, Yunje.
- Jeggo, Penny A. See Taccioli, Guillermo E.
- Jelonek, Marie T. See Corr, Maripat.
- Jenekhe, Samson A. and Osaheni, John A.: Excimers and exciplexes of conjugated polymers. p765 5 Aug 1994.
- Jenniskens, Peter and Blake, David F.: Structural transitions in amorphous water ice and astrophysical implications. p753 5 Aug 1994.
- Jenny, Thomas F. See Benner, Steven A.
- Jensen, Peter. See Maguire, Jean.
- Jenuwein, Thomas. See Forrester, William C.
- Jeras, Matjaz. See de la Salle, Henri.
- Jerström, Petra. See Stendahl, Olle.
- Jier, M. See Johnston, M.
- Jin, Li. See Morin, Phillip A.
- Jitsukawa, Mariko and Djerassi, Carl: Birth control in Japan: realities and prognosis (policy forum). p1048 19 Aug 1994.
- Johanson, Donald C.; Kimbel, William H.; Shea, Susan C.: Institute of Human Origins: separation issues (letter). p14 1 July 1994.
- Johnson, Calvin A. See Martino, Robert L.
- Johnson, G. David and Baldwin, Carole C.: Accounting for endothermy in fishes. (technical comment). p1249 26 Aug 1994.
- Johnson, Gary L. See Lange-Carter, Carol A.
- Johnston, Caroline. See Diekmann, Dagmar.
- Johnston, L. See Johnston, M.
- Johnston, M.; Andrews, S.; Brinkman, R.; Cooper, J.; Ding, H.; Dover, J.; Du, Z.; Favello, A.; Fulton, L.; Gattung, S.; Geisel, C.; Kirsten, J.; Kucaba, T.; Hillier, J.; Jier, M.; Johnston, L.; Langston, Y.; Latreille, P.; Louis, E. J.; Macri, C.; Mardis, E.; Menezes, S.; Mouser, L.; Nhan, M.; Rifkin, L.; Riles, L.; St. Peter, H.; Trevaskis, E.; Vaughan, K.; Vignati, D.; Wilcox, L.; Wohldman, P.; Waterston, R.; Wilson, R.; Vaudin, M.: Complete nucleotide sequence of *Saccharomyces cerevisiae* chromosome VIII. p2077 30 Sep 1994.
- Jones, L. M. See Reasenber, P. A.
- Jones, T. Alwyn. See Divne, Christina.
- Joung, J. Keith; Koepf, Deanna M.; Hochschild, Ann: Synergistic activation of transcription by bacteriophage λ cI protein and *E. coli* cAMP receptor protein. p1863 23 Sep 1994.
- Jukes, Thomas H.: BST and milk production (letter). p170 8 July 1994.
- Kaba, Hideto; Hayashi, Yasunori; Higuchi, Takashi; Nakanishi, Shigetada: Induction of an olfactory memory by the activation of a metabotropic glutamate receptor. p262 8 July 1994.
- Kagawa, Susumu. See Akiyama, Kin-ya.
- Kägi, David; Vignaux, Françoise; Ledermann, Birgit; Bürki, Kurt; Depraetere, Valérie; Nagata, Shigekazu; Hengartner, Hans; Golstein, Pierre: Fas and perforin pathways as major mechanisms of T cell-mediated cytotoxicity. p528 22 July 1994.
- Kaiser, Jocelyn (news): AAAs sells on-line clinical journal. p867 12 Aug 1994. Alzheimer's: could there be a zinc link?. p1365 2 Sep 1994. Buckyballs and kin are still on a roll. p1357 2 Sep 1994. A new way of seeing proteins in motion. p1525 9 Sep 1994. Nuclear sub is researchers' dream boat. p2003 30 Sep 1994. A sideways look at chemical activity. p2010 30 Sep 1994. Wiping the slate clean at Biosphere 2. p1027 19 Aug 1994.
- Kamb, Alexander; Liu, Qingyun; Tavtigian, Sean; Cordón-Carbo, Carlos; Skolnick, Mark H.: Rates of p16 (MTS1) mutations in primary tumors with 9p loss (technical comment). p416 15 July 1994.
- Kaminski, Charles D. See Orton, Glenn S.
- Kanagawa, Osami; Vaupel, Barbara A.; Gayama, Shinyo; Koehler, Georges; Kipf, Manfred: Resistance to murine acquired immunodeficiency syndrome (MAIDS). (technical comment). p267 8 July 1994.
- Kandel, Eric R. See Nguyen, Peter V. See also O'Dell, Thomas J.
- Kang, Seongman. See Wang, Yuh-Hwa.
- Kanki, Phyllis. See Marlink, Richard.
- Kao, Camilla M.; Katz, Leonard; Khosla, Chaitan: Engineered biosynthesis of a complete macrolactone in a heterologous host. p509 22 July 1994.
- Karni, Avi; Tanne, David; Rubenstein, Barton S.; Askenasy, Jean J. M.; Sagi, Dov: Dependence on REM sleep of overnight improvement of a perceptual skill. p679 29 July 1994.
- Kashlev, Mikhail. See Nudler, Evgeny.
- Kasting, James F. See Squires, Steven W.
- Kato, T. See Morishima, H.
- Katz, Lawrence C. See Dalva, Matthew B.
- Katz, Leonard. See Kao, Camilla M.
- Katz, Samuel L. and Gellin, Bruce G.: Measles vaccine: do we need new vaccines or new programs? (perspective). p1391 2 Sep 1994.
- Kauffman, Louis H.: review of *The Knot Book*, by Colin C. Adams. p2108 30 Sep 1994.
- Kaufman, Matthew. See Ringwald, Martin.
- Keller, Richard A. See Ambrose, W. Patrick.
- Kelly, Adrian. See de la Salle, Henri.
- Kelly, Kathleen. See Maguire, Jean.
- Kent, Dennis V. and Gee, Jeff: Grain size-dependent alteration and the magnetization of oceanic basalts. p1561 9 Sep 1994.
- Kenzelmann, M. See Etter, A.
- Kerr, Richard A. (news): Bets range from boom to bust for Jovian impacts. p31 1 July 1994. Climate modeling's fudge factor comes under fire. p1528 9 Sep 1994. The comet explodes by e-mail. p602 29 July 1994. How high was Ice Age ice? A rebounding Earth may tell. p189 8 July 1994. In New Guinea, eruption forecasting scores a success. p2005 30 Sep 1994. Making an impact under the Chesapeake. p1036 19 Aug 1994. A rejuvenated companion for Ida? p470 22 July 1994. Shoemaker-Levy dazzles, bewilders. p601 29 July 1994. The solar system's new diversity. p1360 2 Sep 1994. Stalking flashy beasts above the clouds. p740 5 Aug 1994. When comparative planetology hits its target. p1361 2 Sep 1994.
- Kessel, Martin. See Azem, Abdussalam.
- Keys, David N. See Carroll, Sean B.
- Khilko, Sergei. See Corr, Maripat.
- Khosla, Chaitan. See Kao, Camilla M.
- Kiberstis, Paula A.; Benditt, John M.; Koshland, Daniel E., Jr. (editorial): Vaccines: a study in contrasts. p1343 2 Sep 1994.
- Kikagawa, T. See Morishima, H.
- Kikly, Kristine. See Cacalano, Grace.
- Kim, Kwang-Yul. See Crowley, Thomas J.
- Kim, S.-G.; Ugurbil, K.; Strick, P. L.: Activation of a cerebellar output nucleus during cognitive processing. p949 12 Aug 1994.
- Kim, Young Sang. See Corr, Maripat.
- Kimbel, William H. See Johanson, Donald C.
- Kimura, Minoru. See Aasaki, Toshihiko. See also Graybiel, Ann M.
- King, Geoffrey C. P. See Stein, Ross S.
- Kinsella, Kevin J. See Harris, Tim.
- Kipf, Manfred. See Kanagawa, Osami.
- Kirsten, J. See Johnston, M.
- Kish, Leslie: Statistical medicine (letter). p591 29 July 1994.
- Klaasen, K. P. See Belton, M. J. S.
- Klein, David L. See Rabinovich, N. Regina.
- Klein, John R. See Wang, Jin.
- Klein, Peter S. and Melton, Douglas A.: Induction of mesoderm in *Xenopus laevis* embryos by translation initiation factor 4E. p803 5 Aug 1994.
- Kleinfeld D. See Tank, D. W.
- Kleinfeld, Elaine R. and Ferguson, Gregory S.: Stepwise formation of multilayered nanostructural films from macromolecular precursors. p370 15 July 1994.
- Klemperer, Simon L. See Brocher, Thomas M.
- Kling, George W. See Cole, Jonathan J.
- Klinkosz, Bogdan. See Mitsumoto, Hiroshi.
- Kloc, Malgorzata and Etkin, Laurence D.: Delocalization of Vg1 mRNA from the vegetal cortex in *Xenopus* oocytes after destruction of Xlsirt RNA. p1101 19 Aug 1994.

I-K

- Ianniello, Louis: DOE peer review. (letter). p302 15 July 1994.
- Ichihara, Akira. See Akiyama, Kin-ya.
- Ikeda, Ken. See Mitsumoto, Hiroshi.
- Ilves, Toomas Hendrik: Science in the former Soviet Union. (letter). p13 1 July 1994.
- Imperiale, Michael J. See Ohno, Takeshi.
- Ingersoll, A. P. See Belton, M. J. S.
- Inobe, Jun-ichi. See Chen, Youhai.
- Inside AAAS: Broad argument for conservation. p690 29 July 1994. Building bridges in the Arctic. p2115 30 Sep 1994. Computer issues: call for applications. p691 29 July

Kloter, Urs. See Quiring, Rebecca.
Knoppers, Bartha Maria and Chadwick, Ruth: The Human Genome Project: under an international ethical microscope (perspective). p2035 30 Sep 1994.
Knowles, Jonathan K. C. See Divine, Christina.
Kodama, Hiroaki. See Nakano, Toru.
Koehler, Georges. See Kanagawa, Osami.
Koepp, Deanna M. See Joung, J. Keith.
Kolb, Hubert: Nitric oxide toxicity and poly(ADP-ribose) polymerase (letter). p722 5 Aug 1994.
Kolodner, Richard D. See Prolla, Tomas A.
Kolter, Roberto. See Huisman, Gjal W.
Kopelev, Nikolai S. See Nath, Amar.
Kopp, Elizabeth and Ghosh, Sankar: Inhibition of NF- κ B by sodium salicylate and aspirin. p956 12 Aug 1994.
Kornfield, J. A. See Gupta, V. K.
Koshland, Daniel E., Jr. (editorials): Careers in science. p1787 23 Sep 1994. The DNA fingerprint story (continued). p1015 19 Aug 1994. Paradise gained. p167 8 July 1994. The spousal abuse problem. p455 22 July 1994. The time traveler. p1639 16 Sep 1994. See also Kiberstis, Paula A.
Koyama, Koichi; Yamaguchi, Naoto; Miyasaka, Tsutomu: Antibody-mediated bacteriorhodopsin orientation for molecular device architectures. p762 5 Aug 1994.
Kraabel, Brett. See Halvorson, Craig.
Krainer, Adrian R. See Cáceres, Javier F.
Kraker, Alan J. See Fry, David W.
Kratz, Timothy K. See Cole, Jonathan J.
Krause, Karl-Heinz. See Stendahl, Olle.
Krejchi, Mark T.; Atkins, Edward D. T.; Waddon, Alan J.; Fournier, Maurice J.; Mason, Thomas L.; Tirrell, David A.: Chemical sequence control of β -sheet assembly in macromolecular crystals of periodic polypeptides. p1427 2 Sep 1994.
Krischer, Joachim. See Stendahl, Olle.
Krumlauf, Robb. See Studer, Michèle.
Kucaba, T. See Johnston, M.
Kuchroo, Vijay K. See Chen, Youhai.
Kühn, Ralf. See Fehling, H. J. See also Morawetz, Renate A.
Kumar, Aseem. See Maran, Avudaiappan.
Kunkel, Barbara N. See Bent, Andrew F.
Kurahashi, Takashi; Lowe, Graeme; Gold, Geoffrey H.: Suppression of odorant responses by odorants in olfactory receptor cells. p118 1 July 1994.
Kuroiwa, Atsushi. See Studer, Michèle.
Kusalik, Peter G. and Svishchev, Igor M.: The spatial structure in liquid water. p1219 26 Aug 1994.
Kwiatkowski, Marek. See Nilsson, Mats.

L

Labuda, Damian. See Zietkiewicz, Ewa.
Laforet, Michel. See de la Salle, Henri.
Lagally, M. G. See Salling, C. T.
Lamarre, Yves. See Lund, James P.
Lancaster, Justin: Revelle on global warming. (letter). p302 15 July 1994.
Landegegn, Ulf. See Nilsson, Mats.
Lander, Eric S. See Cox, David R.
——— and Schork, Nicholas J.: Genetic dissection of complex traits. p2037 30 Sep 1994.
Lane, Saunders Mac: Strategies for research. (letter). p1791 23 Sep 1994.
Lange-Carter, Carol A. and Johnson, Gary L.: Ras-dependent growth factor regulation of MEK kinase in PC12 cells. p1458 2 Sep 1994.
Langston, Y. See Johnston, M.
Lankford, John: review of *The Explorers of Mars Hill*, by William Lowell Putnam and others. p1604 9 Sep 1994.
Lansbury, Peter T.: Mechanism of scrapie replication (letter). p1510 9 Sep 1994.
Laplace, C. See Fehling, H. J.
Larkin, Michael I. See Nath, Amar.
Lathrop, G. Mark. See Murray, Jeffrey C.
Latreille, P. See Johnston, M.
Laughlan, Gerard; Murchie, Alastair I. H.; Norman, David G.; Moore, Malcolm H.; Moody, Peter C. E.; Lilley, David M. J., Luis, Ben: The high-resolution crystal structure of a parallel-stranded guanine tetraplex. p520 22 July 1994.
Laurent, Gilles and Davidowitz, Hananel: Encoding of olfactory information with oscillating neural assemblies. p1872 23 Sep 1994.
Laxon, Seymour and McAdoo, David: Arctic Ocean gravity field derived from ERS-1 satellite altimetry. p621 29 July 1994.
Lay, Thorne: review of *Fundamentals of Earthquake Prediction*, by Cinna Lomnitz. p1900 23 Sep 1994.
Ledermann, Birgit. See Kägi, David.
Ledoux, Isabelle. See Samuel, Ifor D. W.
Lee, Daniel J. See Cairns, Paul.
Lee, Ethan. See Coleman, David E.

Lee, James. See Cacalano, Grace.
Lee, J.-D. See Han, J.
Lee, Kyoung-Jin; McCormick, William D.; Ouyang, Qi; Swinney, Harry L.: Correction: Ferricyanide and pattern formation (letter). p1348 2 Sep 1994.
Lee, Michael S. Y.: Science in the former Soviet Union (letter). p13 1 July 1994.
Lee, Tien-Lin. See Qian, Yonglin.
Lee, William H. K. See Li, Yong-Gang.
Lehmann, Alan R. See Taccioli, Guillermo E.
Lehr, D. E. See Ress, D.
LeMeur, Marianne. See Saudou, Frédéric.
Lenoir, Gilbert M. See Wooster, Richard.
Leon, Martin B. See Speir, Edith.
Leopold, Wilbur R. See Fry, David W.
Leroi, George E. See Engebretson, Daniel S.
Leung, Jeffrey. See Bent, Andrew F.
Levin, Bruce R. See Bull, J. J.
Lew, Daniel P. See Stendahl, Olle.
Lewis, Cathryn M. See Wooster, Richard.
Li, Chia-Wei. See Hsu, Chin-Yuan.
Li, Gang. See Liao, Hong.
Li, Guang. See McGown, Linda B.
Li, Guiying. See Maran, Avudaiappan.
Li, Yong-Gang; Vidale, John E.; Aki, Keiti; Marone, Chris J.; Lee, William H. K.: Fine structure of the Landers fault zone: segmentation and the rupture process. p367 15 July 1994.
Liao, Hong; Li, Gang; Yen, Tim J.: Mitotic regulation of microtubule cross-linking activity of CENP-E kinetochore protein. p394 15 July 1994.
Lieber, Charles M. See Dai, Hongjie. See also Frisbie, C. Daniel. See also Yoon, Seokwon.
Lilley, David M. J. See Laughlan, Gerard.
Limoges, Camille: review of *Richard Owen*, by Nicolaas A. Rupke. p1468 2 Sep 1994.
Lin, Jian. See Stein, Ross S.
Lin, Shuo; Gaiano, Nicholas; Culp, Patricia; Burns, Jane C.; Friedmann, Theodore; Yee, Jing-Kuan; Hopkins, Nancy: Integration and germ-line transmission of a pseudotyped retroviral vector in zebrafish. p666 29 July 1994.
Linder, Maurine E. See Coleman, David E.
Lindley, David and Hanson, Brooks: A gift from the heavens (editorial). p587 29 July 1994.
Lindsay, Ronald M. See Mitsumoto, Hiroshi.
Ling, Paul D. See Henkel, Thomas.
Linsley, Peter S. See Finck, Barbara K.
Liskay, R. Michael. See Prolla, Tomas A.
Lisowska-Groszpiere, Barbara. See Steimle, Viktor.
Liu, David J. and Day, Loren A.: Pfl virus structure: helical coat protein and DNA with paraxial phosphates. p671 29 July 1994.
Liu, Jie. See Dai, Hongjie. See also Yoon, Seokwon.
Liu, Jun-Ping; Sim, Alistair T. R.; Robinson, Phillip J.: Calcineurin inhibition of dynamin I GTPase activity coupled to nerve terminal depolarization. p970 12 Aug 1994.
Liu, Qingyun. See Kamb, Alexander.
Liu, Yun. See Gersappe, Dilip.
Livingston, Katherine: review of *A Positron Named Priscilla*, by Marcia Bartusiak *et al.* p127 1 July 1994. review of *Early Quantum Electrodynamics*, by Arthur I. Miller. p1605 9 Sep 1994. review of *Science Advice to the President*, edited by William T. Golden, and *Science and Technology Advice to the President, Congress and Judiciary*, edited by William T. Golden. p127 1 July 1994. review of *The History of Modern Mathematics*, by Eberhard Knobloch and David E. Rowe. p1604 9 Sep 1994.
Lockner, David A. See Moore, Diane E.
Loewy, Arthur D. See Jansen, Arthur S. P.
Logsdon, John M., Jr. See Stoltzfus, Arlin.
London, R. A. See Ress, D.
Long, Carole A. See Nussenzweig, Ruth S.
Longrich, Simonne. See Rosenberg, Susan M.
Longini, Ira M., Jr.: review of *AIDS Epidemiology* by Ron Brookmeyer and Mitchell H. Gail. p1602 9 Sep 1994.
Lorimer, George H. See Schmidt, Marion. See also Todd, Matthew J.
Louis, E. J. See Johnston, M.
Lounasmaa, Olli V. See Hakonen, Pertti.
Loutit, Blythe and Montgomery, Sharon: Rhino conservation (letter). p1157 26 Aug 1994.
Lowden, J. Alexander: Genetic testing (letter). p1509 9 Sep 1994.
Lowe, Graeme. See Kurahashi, Takashi.
Lowndes, D. H. See Norton, D. P.
Lubin, Dan: The role of the tropical super greenhouse effect in heating the ocean surface. p224 8 July 1994.
Ludwigsen, Susan. See Murray, Jeffrey C.
Luisi, Ben. See Laughlan, Gerard.
Lund, James P.; Sun, Gong-Duo; Lamarre, Yves: Cortical reorganization and deafferentation in adult macaques (technical comment). p546 22 July 1994.
Lyman, Paul F. See Qian, Yonglin.

Lynch, David K. See Orton, Glenn S.
Lynch, Henry. See Wooster, Richard.
Lyon, Michael: Violence research (letter). p171 8 July 1994.

M

Macdonald, Susan G. See Freed, Ellen.
Mach, Bernard. See Steimle, Viktor.
Mack, J. A. See Miller, R. L.
MacKinnon, Roderick. See Root, Michael J.
Macri, C. See Johnston, M.
Madura, Kiran and Varshavsky, Alexander: Degradation of α by the N-end rule pathway. p1454 2 Sep 1994.
Maggi, Enrico; Mazzetti, Marcello; Ravina, Adriana; Annunziato, Francesco; De Carli, Marco; Piccinni, Marie Pierre; Manetti, Roberto; Carbonari, Maurizio; Pesce, Anna Maria; Del Prete, Gianfranco; Romagnani, Sergio: Ability of HIV to promote a T_H1 to T_H0 shift and to replicate preferentially in T_H2 and T_H0 cells. p244 8 July 1994.
Maguire, Jean; Santoro, Thomas; Jensen, Peter; Siebenlist, Ulrich; Yewdell, John; Kelly, Kathleen: Gem: an induced, immediate early protein belonging to the Ras family. p241 8 July 1994.
Mah, Katherine. See Coyne, Jerry A.
Maher, Stephen E. See Corr, Maripat.
Maitra, Ratan K. See Maran, Avudaiappan.
Maizel, Abby. See Sharma, Surendra.
Makalowski, Wojciech. See Zietkiewicz, Ewa.
Malcom, Michael E. See Orton, Glenn S.
Malik, R. J. See Schubert, E. F.
Malmgren, Helena. See Nilsson, Mats.
Manabe, Toshiya. See Manzoni, Olivier J.
——— and Nicoll, Roger A.: Long-term potentiation: evidence against an increase in transmitter release probability in the CA1 region of the hippocampus. p1888 23 Sep 1994.
Manetti, Roberto. See Maggi, Enrico.
Mangion, Jonathan. See Wooster, Richard.
Mani, S. K.; Allen, J. M. C.; Clark, J. H.; Blaustein, J. D.; O'Malley, B. W.: Convergent pathways for steroid hormone- and neurotransmitter-induced rat sexual behavior. p1246 26 Aug 1994.
Manion, Frank. See Murray, Jeffrey C.
Mann, Charles C.: Violence research (letter). p171 8 July 1994.
Mansour, Sam J.; Matten, Wayne T.; Hermann, April S.; Candia, Julian M.; Rong, Sing; Fukasawa, Kenji; Vande Woude, George F.; Ahn, Natalie G.: Transformation of mammalian cells by constitutively active MAP kinase kinase. p966 12 Aug 1994.
Manzoni, Olivier J.; Manabe, Toshiya; Nicoll, Roger A.: Release of adenosine by activation of NMDA receptors in the hippocampus. p2098 30 Sep 1994.
Mao, Li. See Cairns, Paul.
Maran, Avudaiappan; Maitra, Ratan K.; Kumar, Aseem; Dong, Beihua; Xiao, Wei; Li, Guiying; Williams, Bryan R. G.; Torrence, Paul F.; Silverman, Robert H.: Blockage of NF- κ B signaling by selective ablation of an mRNA target by 2-5A antisense chimeras. p789 5 Aug 1994.
Marban, Eduardo. See O'Rourke, Brian.
Marder, Seth R.; Gorman, Christopher B.; Meyers, Fabienne; Perry, Joseph W.; Bourhill, Grant; Brédas, Jean-Luc; Pierce, Brian M.: A unified description of linear and nonlinear polarization in organic polymethine dyes. p632 29 July 1994.
Mardis, E. See Johnston, M.
Marezio, M. See Radaelli, P. G.
Margules, C. R. and Gaston, K. J.: Biological diversity and agriculture. (letter). p457 22 July 1994.
Margulies, David H. See Corr, Maripat.
Markert, John T. See Nath, Amar.
Marko, J. F. See Bustamante, C.
Marko, John F. and Siggia, Eric D.: Fluctuations and supercoiling of DNA. p506 22 July 1994.
Marlink, Richard; Kanki, Phyllis; Thior, Ibou; Travers, Karin; Eisen, Geoffrey; Siby, Tidiane; Traore, Ibrahima; Hsieh, Chung-Cheng; Dia, Mamadou Ciré; Gueye, El-Hadj; Hellingier, James; Gueye-Ndiaye, Aissatou; Sankalé, Jean-Louis; Ndiye, Ibrahima; Mboup, Souleymane; Essex, Max: Reduced rate of disease development after HIV-2 infection as compared to HIV-1. p1587 9 Sep 1994.
Marnett, Lawrence J. See Chaudhary, Ajai K.
Marone, Chris J. See Li, Yong-Gang.
Marshall, Eliot (news): Changing of the castle guard. p728 5 Aug 1994. Congress finds little bias in system. p863 12 Aug 1994. DOE urged to go slow in building free electron lasers. p1651 16 Sep 1994. Does NIH shortchange clinicians? p20 1 July 1994. Fewer young researchers are seeking NIH grants. p314 15 July 1994. Johnston takes project hostage. p865 12 Aug 1994. No scientist, but a

- friend of science. p728 5 Aug 1994. One less hoop for gene therapy. p599 29 July 1994. Peer review reforms get good review. p467 22 July 1994. The politics of alternative medicine. p2000 30 Sep 1994. Rules on embryo research due out. p1024 19 Aug 1994. Shark cartilage, bee pollen, and 'neoplastons'. p2001 30 Sep 1994. USDA holds up grants to make a political point. p1518 9 Sep 1994. See Anderson, Christopher. See also Cohen, Jon.
- Marshall, Gill. See Wooster, Richard.
- Marshall, Heather. See Studer, Michèle.
- Marth, Jamey D. See Gu, Hua.
- Martin, John C. See Ambrose, W. Patrick.
- Martin, Terry Z. See Orton, Glenn S.
- Martino, Robert L.; Johnson, Calvin A.; Suh, Edward B.; Trus, Benes L.; Yap, Tieng K.: Parallel computing in biomedical research. p902 12 Aug 1994.
- Marx, Jean (news): Chromosome ends catch fire p1656 16 Sep 1994. CMV-p53 interaction may help explain clogged arteries. p320 15 July 1994. Link to hereditary melanoma brightens mood for p16 gene. p1364 2 Sep 1994.
- Mason, Thomas L. See Krejci, Mark T.
- Masters, Colin L. See Bush, Ashley I.
- Matlack, Albert S.: Meeting the competition (letter). p1641 16 Sep 1994.
- Matsuda, Yoshihisa. See Sasamori, Riichi.
- Matsumoto, Kunihiro. See Irie, Kenji.
- Matsunami Norisada. See Murray, Jeffrey C.
- Matten, Wayne T. See Mansour, Sam J.
- Matthews, Robert (news): Spoiling a universal 'fudge factor.' p740 5 Aug 1994.
- Maury, E. E. See DeSimone, J. M.
- Mazzetti, Marcello. See Maggi, Enrico.
- Mboup, Souleymane. See Marlink, Richard.
- McAdoo, David. See Laxon, Seymour.
- McCarthy, Jill. See Brocher, Thomas M.
- McClain, J. B. See DeSimone, J. M.
- McClure, S. M. See Ramirez, A. P.
- McCormick, Frank. See Freed, Ellen.
- McCormick, William D. See Lee, Kyoung-Jin.
- McEvilly, Thomas V. See Brocher, Thomas M.
- McEwen, A. See Belton, M. J. S.
- McGown, Linda B. and Li, Guang: Omission of references. (letter). p459 22 July 1994.
- McHenry, Henry M.: review of *Swartkrans*, edited by C. K. Brain, Ed.. p1116 19 Aug 1994.
- McInnes, Pamela. See Rabinovich, N. Regina.
- McIntyre, B. J.; Salmeron, M.; Somorjai, G. A.: Nanocatalysis by the tip of a scanning tunneling microscope operating inside a reactor cell. p1415 2 Sep 1994.
- McKersey, Michelle. See McMenamin, Christine.
- McKnight, Steven L. See Hou, Jinzhao.
- McLean, A. R. See Blower, S. M.
- McLoon, Steven C. See Wu, Hope H.
- McManus, Ross. See Wooster, Richard.
- McMenamin, Christine; Pimm, Carolyn; McKersey, Michelle; Holt, Patrick G.: Regulation of IgE responses to inhaled antigen in mice by antigen-specific $\gamma\delta$ T cells. p1869 23 Sep 1994.
- McMichael, Amy. See Fry, David W.
- McNamara, James O. See Rogers, Scott W.
- McNaughton, Bruce L. See Wilson, Matthew A.
- McPhee, Jancy C. See Ragsdale, David S.
- McWilliams, Michael: review of *Paleomagnetism of the Atlantic, Tethys and Iapetus Oceans*, by Rob Van Der Voo. p126 1 July 1994.
- Mednick, Sarnoff. See Raine, Adrian.
- Meister, Markus: Gap junctions and intercellular communications (letter). p1018 19 Aug 1994.
- Mekalanos, John J. and Sadoff, Jerald C.: Cholera vaccines: fighting an ancient scourge (perspective). p1387 2 Sep 1994.
- Melis, Roberta. See Murray, Jeffrey C.
- Melton, Douglas A. See Klein, Peter S.
- Menceloglu, Y. Z. See DeSimone, J. M.
- Menezes, S. See Johnston, M.
- Menko, Fred H. See Wooster, Richard.
- Merlo, Adrian. See Cairns, Paul.
- Merritts, Dorothy and Hesterberg, Tim: Stream networks and long-term surface uplift in the New Madrid seismic zone. p1081 19 Aug 1994.
- Mervis, Jeffrey (news): Accounting tricks boost NSF budget. p1169 26 Aug 1994. Bromley memoirs take off the gloves. p1357 2 Sep 1994. Clinton inaugurates science council. p182 8 July 1994. Defense bill targets universities. p22 1 July 1994. Mikulski boosts NSF budget. p469 22 July 1994. NIH adds to the facilities boom. p1517 9 Sep 1994. NSF gears up for a building boom. p1516 9 Sep 1994. Pork takes toll on research projects. p2004 30 Sep 1994. White House lauds basic research. p731 5 Aug 1994. See Anderson, Christopher.
- Meyers, Fabienne. See Marder, Seth R.
- Micovic, M. See Schubert, E. F.
- Mignogna, R. B. See Schechter, R. S.
- Mihaly, L. See Pekker, S.
- Miller, Christopher J. See Andino, Raul.
- Miller, R. L.; Suits, A. G.; Houston, P. L.; Toumi, R.; Mack, J. A.; Wodtke, A. M.: The "ozone deficit" problem: $O_2(X, v \geq 26) + O(^3P)$ from 226-nm ozone photodissociation. p1831 23 Sep 1994.
- Miller, Stefan. See Steinbacher, Stefan.
- Mills, Eric L.: review of *The Earth, the Heavens, and the Carnegie Institution of Washington*, edited by Gregory A. Good. p1253 26 Aug 1994.
- Milstein, David. See Aizenberg, Michael.
- Mims, Forrest M., III: Noblesse oblige (letter). p302 15 July 1994. UV-B and ozone observations (letter). p722 5 Aug 1994.
- Mitchell, Grant A. See Zietkiewicz, Ewa.
- Mitumoto, Hiroshi; Ikeda, Ken; Klinkosz, Bogdan; Cedarbaum, Jesse M.; Wong, Vivien; Lindsay, Ronald M.: Arrest of motor neuron disease in wobbler mice co-treated with CNTF and BDNF. p1107 19 Aug 1994.
- Miyasaka, Tsutomu. See Koyama, Koichi.
- Mizuta, Ryushin. See Taccioli, Guillermino E.
- Modali, Rama. See Speir, Edith.
- Moerner, W. E.: Examining nanoenvironments in solids on the scale of a single, isolated impurity molecule. p46 1 July 1994.
- Moffat, Anne Simon (news): Developing nations adapt biotech for own needs. p186 8 July 1994. Mapping the sequence of disease resistance. p1804 23 Sep 1994. (science careers): Grant limits irk young scientists. p1916 23 Sep 1994. Grantsmanship: what makes proposals work? p1921 23 Sep 1994. Writing it wrong. p1922 23 Sep 1994.
- Moldowan, J. Michael; Dahl, Jeremy; Huizinga, Bradley J.; Fago, Frederick J.; Hickey, Leo J.; Peakman, Torren M.; Taylor, David Winship: The molecular fossil record of oleanane and its relation to angiosperms. p768 5 Aug 1994.
- Montgomery, Sharon. See Loutit, Blythe.
- Moody, Peter C. E. See Laughlan, Gerard.
- Moore, Diane E.; Lockner, David A.; Byerlee, James D.: Reduction of permeability in granite at elevated temperatures. p1558 9 Sep 1994.
- Moore, James J. See Morin, Phillip A.
- Moore, Madeleine H. See Laughlan, Gerard.
- Moore, Mark W. See Cacalano, Grace. See also Gurney, Austin L.
- Morawetz, Renate A.; Doherty, T. Mark; Giese, Nathalia A.; Hartley, Janet W.; Müller, Werner; Kühn, Ralf; Rajewsky, Klaus; Coffman, Robert; Morse, Herbert C., III: Resistance to murine acquired immunodeficiency syndrome (MAIDS). (technical comment). p264 8 July 1994.
- Morell, Virginia (news): Decoding chimp genes and lives. p1172 26 Aug 1994. Orphan chimps won't go back to nature. p312 15 July 1994. Pulling hair from the ground. p741 5 Aug 1994. Warm-blooded dino debate blows hot and cold. p188 8 July 1994. Will primate genetics split one gorilla into two? p1661 16 Sep 1994. (science careers): Venturing off: the world of the entrepreneur. p1930 23 Sep 1994.
- Morin, Phillip A.; Moore, James J.; Chakraborty, Ranajit; Jin, Li; Goodall, Jane; Woodruff, David S.: Kin selection, social structure, gene flow, and the evolution of chimpanzees. p1193 26 Aug 1994.
- Morishima, H.; Kato, T.; Suto, M.; Ohtani, E.; Urakawa, S.; Utsumi, W.; Shimomura, O.; Kikigawa, T.: The phase boundary between α - and β - Mg_2SiO_4 determined by in situ x-ray observation. p1202 26 Aug 1994.
- Morrison, D. See Belton, M. J. S.
- Morrisette, Jean. See Murray, Jeffrey C.
- Morrow, Jason D. See Chaudhary, Ajai K.
- Morse, Herbert C., III. See Morawetz, Renate A.
- Moskowitz, Michael A. See Huang, Zhihong.
- Mosmann, Timothy R.: Cytokine patterns during the progression to AIDS. (perspective). p193 8 July 1994.
- Mossmann, Horst. See Gu, Hua.
- Mottet, Annick. See Steimle, Viktor.
- Moulds, John J. See Preston, Gregory M.
- Mouser, L. See Johnston, M.
- Mrowka, S. See Ress, D.
- Müller, F. See Etter, A.
- Müller, Miklos: Parasitology issues (letter). p853 12 Aug 1994.
- Müller, U. See Fehling, H. J.
- Müller, Werner. See Morawetz, Renate A.
- Multhaup, Gerd. See Bush, Ashley I.
- Murchie, Alastair I. H. See Laughlan, Gerard.
- Murphy, Felicia L.; Wang, Yuh-Hwa; Griffith, Jack D.; Cech, Thomas R.: Coaxially stacked RNA helices in the catalytic center of the *Tetrahymena* ribozyme. p1709 16 Sep 1994.
- Murray, Jeffrey C.; Buetow, Kenneth H.; Weber, James L.; Ludwigsen, Susan; Scherpier-Heddema, Titia; Manion, Frank; Quillen, John; Sheffield, Val C.; Sunden, Sara; Duyk, Geoffrey M.; Weissenbach, Jean; Gyapay, Gabor; Dib, Colette; Morrisette, Jean; Lathrop, G. Mark; Vignal, Alain; White, Ray; Matsunami Norisada; Gerken, Steven; Melis, Roberta; Albertsen, Hans; Plaetke, Rosemarie; Odelberg, Shannon; Ward, David; Dausset, Jean; Cohen, Daniel; Cann, Howard: A comprehensive human linkage map with centimorgan density. p2049 30 Sep 1994.
- Myers, Judith H.; Smith, James N. M.; Elkinton, Joseph S.: Biological control and refuge theory (technical comment). p811 5 Aug 1994.
- Myers, Richard M. See Cox, David R.

N-P

- Nabel, Elizabeth G. See Ohno, Takeshi.
- Nabel, Gary J. See Ohno, Takeshi.
- Nadeau, Joseph H. See Ringwald, Martin.
- Nadler, Steven A. See Hafner, Mark S.
- Nagata, Shigekazu. See Kagi, David.
- Nagel, Sidney R. See Shi, X. D.
- Nagy, J. B. See Amelincx, S.
- Nakanishi, Shigetada. See Kaba, Hideto.
- Nakano, Toru; Kodama, Hiroaki; Honjo, Tasuku: Generation of lymphohematopoietic cells from embryonic stem cells in culture. p1098 19 Aug 1994.
- Namiki, Noriyuki and Solomon, Sean C.: Impact crater densities on volcanoes and coronae on Venus: implications for volcanic resurfacing. p292 12 Aug 1994.
- Narod, Steven. See Wooster, Richard.
- Nath, Amar; Kopelev, Nikolai S.; Chechersky, Vladimir; Peng, Jian-Liang; Greene, Richard L.; O, Beom-hoan; Larkin, Michael I.; Markert, John T.: Chemical signature of the superconducting phase in the Nd-Ce-Cu-O system. p73 1 July 1994.
- Ndoye, Ibrahima. See Marlink, Richard.
- Neems, Rachel M. See Butlin, Roger K.
- Nelson, James M. See Fry, David W.
- Nelson, Sacha; Toth, Louis; Sheth, Bhavin; Sur, Mriganka: Orientation selectivity of cortical neurons during intracellular blockade of inhibition. p774 5 Aug 1994.
- Neuhausen, Susan L. See Wooster, Richard.
- Neukum, G. See Belton, M. J. S.
- Newhall, X. X. See Dickey, J. O.
- Nguyen, Kim. See Wooster, Richard.
- Nguyen, Peter V.; Abel, Ted; Kandel, Eric R.: Requirement of a critical period of transcription for induction of a late phase of LTP. p1104 19 Aug 1994.
- Nhan, M. See Johnston, M.
- Nicoll, Roger A. See Manabe, Toshiya. See also Manzoni, Olivier J. See also Weisskopf, Marc G.
- Nijhout, H. Frederik: Genes on the wing (perspective). p44 1 July 1994.
- Nilsson, Mats; Malmgren, Helena; Samiotaki, Martina; Kwiatkowski, Marek; Chowdhary, Bhanu P.; Landegren, Ulf: Padlock probes: circularizing oligonucleotides for localized DNA detection. p2085 30 Sep 1994.
- Nishi, Rae: Neurotrophic factors: two are better than one (perspective). p1052 19 Aug 1994.
- Nishida, Eisuke. See Irie, Kenji.
- Noble, Ernest P. See Blum, Kenneth.
- Nocera, Daniel G. See Engebretson, Daniel S.
- Noda, Chiseko. See Akiyama, Kin-ya.
- Nokubo, Munetaka. See Chaudhary, Ajai K.
- Nolet, Guust. See Zielhuis, Alet.
- Norman, David G. See Laughlan, Gerard.
- Norton, D. P.; Chakoumakos, B. C.; Budai, J. D.; Lowndes, D. H.; Sales, B. C.; Thompson, J. R.; Christen, D. K.: Superconductivity in $SrCuO_2$ - $BaCuO_2$ superlattices: formation of artificially layered superconducting materials. p2074 30 Sep 1994.
- Nothwang, Hans G. See Akiyama, Kin-ya.
- Nowak, Rachel (news): Breast cancer gene offers surprises. p1796 23 Sep 1994. Crime bill may improve laboratory regulation. p1354 2 Sep 1994. Forensic DNA goes to court with O.J. p1352 2 Sep 1994. Gene tests: who's minding the store? p465 22 July 1994. Genetic testing set for takeoff. p464 22 July 1994. The hottest race in cancer genetics. p1797 23 Sep 1994. How DNA fingerprinting is done. p1353 2 Sep 1994. Looking ahead to cigarette regulation. p863 12 Aug 1994. (frontiers in medicine): U.S. national program is going nowhere fast. p1375 2 Sep 1994. (letter): Clinical trials: subgroup analyses. p1158 26 Aug 1994.
- Noy, Aleksandr. See Frisbie, C. Daniel.
- Nudler, Evgeny; Goldfarb, Alex; Kashlev, Mikhail: Discontinuous mechanism of transcription elongation. p793 5 Aug 1994.
- Nussenzweig, Ruth S. and Long, Carole A.: Malaria vaccines: multiple targets. (perspective). p1381 2 Sep 1994.
- O, Beom-hoan. See Nath, Amar.

O'Brien, Claire (news): Checkmate for chess historians. p1168 26 Aug 1994. New enzyme structure reveals cell's rotary engine. p1176 26 Aug 1994. On the trail of a second susceptibility gene. p1798 23 Sep 1994.

Odelberg, Shannon. See Murray, Jeffrey C.

O'Dell, Thomas J.; Huang, Paul L.; Dawson, Ted M.; Dinerman, Jay L.; Snyder, Solomon H.; Kandel, Eric R.; Fishman, Mark C.: Endothelial NOS and the blockade of LTP by NOS inhibitors in mice lacking neuronal NOS. p542 22 July 1994.

Oerlemans, Johannes: Recession of tropical glaciers (letter). p1791 23 Sep 1994.

Ohno, Takeshi; Gordon, David; San, Hong; Pompili, Vincent J.; Imperiale, Michael J.; Nabel, Gary J.; Nabel, Elizabeth G.: Gene therapy for vascular smooth muscle cell proliferation after arterial injury. p781 5 Aug 1994.

Ohtani, E. See Morishima, H.

Okaue, Yoshihiro. See Sasamori, Riichi.

O'Leary, Dennis D. M. See Roskies, Adina L.

Olsen, Norman R.: Machine-written summary: missed opportunity? (letter). p1348 2 Sep 1994.

Olson, G. B. See Wu, Ruqian.

Olson, Storrs L. See Parsons, Thomas J.

O'Malley, B. W. See Mani, S. K.

Omichinski, James G. See Clore, G. Marius.

Orban, Paul C. See Gu, Hua.

Ord, A. See Wang, J. N.

Orear, Jay: Proposal to HEPAP. (letter). p169 8 July 1994.

O'Reilly, Kevin. See Aggleton, Peter.

Ormiston, Wilma. See Wooster, Richard.

O'Rourke, Brian; Ramza, Brian M.; Marban, Eduardo: Oscillations of membrane current and excitability driven by metabolic oscillations in heart cells. p962 12 Aug 1994.

Orton, Glenn S.; Friedson, A. James; Yanamandra-Fisher, Padmavati A.; Caldwell, John; Hammel, Heidi B.; Baines, Kevin H.; Bergstralh, Jay T.; Martin, Terry Z.; West, Robert A.; Veeder, Glenn J., Jr.; Lynch, David K.; Russell, Ray; Malcom, Michael E.; Golisch, William F.; Griep, David M.; Kaminski, Charles D.; Tokunaga, Alan T.; Herbst, Thomas; Shure, Mark: Spatial organization and time dependence of Jupiter's tropospheric temperatures, 1980-1993. p625 29 July 1994.

Osaheni, John A. See Jenekhe, Samson A.

Ouyang, Qi. See Lee, Kyoung-Jin.

Paddock, Stephen W. See Carroll, Sean B.

Padian, Kevin: review of *Dinosaur Eggs and Babies*, edited by Kenneth Carpenter, Karl F. Hirsch, and John R. Horner. p550 22 July 1994.

Padian, Kevin: Ordering organisms (letter). p1017 19 Aug 1994.

Page, Malcolm, G. P.: Antibiotic resistance (letter). p589 29 July 1994.

Pallas, David C.; Fu, Haian; Haehnel, Leda C.; Weller, Wendy; Collier, R. John; Roberts, Thomas M.: Association of polyomavirus middle tumor antigen with 14-3-3 proteins. p535 22 July 1994.

Palmore, G. Tayhas R. See Bergens, Steven H.

Palumbi, S. R. See Baker, C. S.

Panahian, Nariman. See Huang, Zhihong.

Pang, Qishen. See Prolla, Tomas A.

Panganiban, Grace E. F. See Carroll, Sean B.

Pantaleo, Giuseppe. See Graziosi, Cecilia.

Paradis, Marc D. See Bush, Ashley I.

Pardi, Luca. See Gatteschi, Dante.

Parsons, Thomas J.; Olson, Storrs L.; Braun, Michael J.: Hybrid zones and sexual selection. (technical comment). p122 1 July 1994.

Pascual-Leone, Alvaro; Grafman, Jordan; Hallett, Mark: Explicit and implicit learning and maps of cortical motor output (technical comment). p1601 9 Sep 1994.

Patrick, David L.; Cee, Victor J.; Beebe, Thomas P., Jr.: "Molecule corrals" for studies of monolayer organic films. p231 8 July 1994.

Patterson, Clair C. See Hong, Sungmin.

Pavletich, Nikola P. See Cho, Yunje.

Peakman, Torren M. See Moldovan, J. Michael.

Peiffer, Dennis G. See Gersappe, Dilip.

Pekker, S.; Jánossy, A.; Mihaly, L.; Chauvet, O.; Carrard, M.; Forró, L.: Single-crystalline (KC₆₀)_n: a conducting linear alkali fulleride polymer. p1077 19 Aug 1994.

Peltier, W. Richard: Ice Age paleotopography. p195 8 July 1994.

Pendergrast, P. Shannon; Ebright, Yon W.; Ebright, Richard H.: High-specificity DNA cleavage agent: design and application to kilobase and megabase DNA substrates. p959 12 Aug 1994.

Peng, Jian-Liang. See Nath, Amar.

Penttonen, Markku. See Sik, Attula.

Perron, Claude. See Zanda, Brigitte.

Perroux, M. See Radaelli, P. G.

Perry, Joseph W. See Marder, Seth R.

Pesce, Anna Maria. See Maggi, Enrico.

Peter, Matthias and Herskowitz, Ira: Direct inhibition of the yeast cyclin-dependent kinase Cdc28-Cln by Far1.

p1128 26 Aug 1994.

Peterson, Craig L. See Côté, Jacques.

Peterson, Michael Gregory. See Henkel, Thomas.

Peto, Julian. See Wooster, Richard.

Pettersson, Göran. See Divne, Christina.

Pettingell, Warren H. See Bush, Ashley I.

Pfeifer, Günter. See Schmidt, Marion.

Phinney, E. S.: review of *Cosmical Magnetism*, edited by D. Lynden-Bell. p2107 30 Sep 1994.

Piccini, Marie Pierre. See Maggi, Enrico.

Pierce, Brian M. See Marder, Seth R.

Pilcher, C. B. See Belton, M. J. S.

Pimm, Carolyn. See McMenamin, Christine.

Pitts-Meek, Sharon. See Cacalano, Grace.

Plaetke, Rosemarie. See Murray, Jeffrey C.

Plafker, Ted (news): Shanghai enlists scientists to foster economic growth. p866 12 Aug 1994.

Plotkin, Stanley A.: Vaccines for varicella-zoster virus and cytomegalovirus: recent progress (perspective). p1383 2 Sep 1994.

Podolsky, Robert D.: Temperature and water viscosity: physiological versus mechanical effects on suspension feeding. p100 1 July 1994.

Polischuk, John E. See Balk, Steven P.

Pollock, Colleen M. See Bothwell, Max L.

Pompili, Vincent J. See Ohno, Takeshi.

Ponder, Bruce A. J. See Wooster, Richard.

Pons, Tim P.: Cortical reorganization and deafferentation in adult macaques (technical comment). p548 22 July 1994.

Pöpperl, Heike. See Studer, Michèle.

Porcelli, Steven. See Balk, Steven P.

Potera, Carol (news): From bacteria: a new weapon against fungal infection. p605 29 July 1994.

Powis, Stephen H. See de la Salle, Henri.

Pramer, David. See Colwell, Rita R.

Preston, Gregory M.; Smith, Barbara L.; Zeidel, Mark L.; Moulds, John J.; Agre, Peter: Mutations in *aquaporin-1* in phenotypically normal humans without functional CHIP water channels. p1585 9 Sep 1994.

Pribble, R. Nathaniel and Zwier, Timothy S.: Size-specific infrared spectra of benzene-(H₂O)_n clusters (n = 1 through 7): evidence for noncyclic (H₂O)_n structures. p75 1 July 1994.

Priestley, Anne. See Taccioli, Guillermo E.

Proccassini, R. J. See Ress, D.

Prolla, Tomas A.; Pang, Qishen; Alani, Eric; Kolodner, Richard D.; Liskay, R. Michael: MLH1, PMS1, and MSH2 interactions during the initiation of DNA mismatch repair in yeast. p1091 19 Aug 1994.

Provençal, R. A. See Giesen, T. F.

Putkonen, Jaakko. See Hallett, Bernard.

Pyle, Carole. See Wooster, Richard.

Q and R

Qian, Yonglin; Sturchio, Neil C.; Chiarello, Ronald P.; Lyman, Paul F.; Lee, Tien-Lin; Bedzyk, Michael J.: Lattice location of trace elements within minerals and at their surfaces with x-ray standing waves. p1555 9 Sep 1994.

Quillen, John. See Murray, Jeffrey C.

Quinn, Janet. See Côté, Jacques.

Quiring, Rebecca; Walldorf, Uwe; Kloter, Urs; Gehring, Walter J.: Homology of the *eyeless* gene of *Drosophila* to the *small eye* gene in mice and *Aniridia* in humans. p785 5 Aug 1994.

Quirk, Yvette. See Wooster, Richard.

Rabideau, Peter W. See Ayalon, Ari.

Rabinovich, N. Regina; McInnes, Pamela; Klein, David L.; Hall, B. Fenton: Vaccine technologies: view to the future. p1401 2 Sep 1994.

Rabinovitz, Mordecai. See Ayalon, Ari.

Rachel, Reinhard. See Schmidt, Marion.

Radaelli, P. G.; Marezio, M.; Perroux, M.; de Brion, S.; Tolence, J. L.; Huang, Q.; Santoro, A.: Synthesis and properties of a cuprate superconductor containing double mercury-oxygen layers. p380 15 July 1994.

Radetsky, Peter (science careers): Doing a postdoc the industry way. p1910 23 Sep 1994. The modern postdoc: prepping for the job market. p1909 23 Sep 1994.

Radmacher, Manfred; Fritz, Monika; Hansma, Helen G.; Hansma, Paul K.: Direct observation of enzyme activity with the atomic force microscope. p1577 9 Sep 1994.

Radzicka, Anna. See Wolfenden; Richard.

Rafailovich, Miriam. See Gersappe, Dilip.

Ragsdale, David S.; McPhee, Jancy C.; Scheuer, Todd; Catterall, William A.: Molecular determinants of state-dependent block of Na⁺ channels by local anesthetics. p1724 16 Sep 1994.

Raine, Adrian; Brennan, Patricia; Mednick, Sarnoff: Violence and biology (letter). p1159 26 Aug 1994.

Rajewsky, K. See Fehling, H. J. See also Gu, Hua. See also

Morawetz, Renate A.

Ramboz, Sylvie. See Saudou, Frédéric.

Ramirez, A. P.; Haddon, R. C.; Zhou, O.; Fleming, R. M.; Zhang, J.; McClure, S. M.; Smalley, R. E.: Magnetic susceptibility of molecular carbon: nanotubes and fullerite. p84 1 July 1994.

Ramza, Brian M. See O'Rourke, Brian.

Random Samples: Academia's lonely crowd. p1031 19 Aug 1994. Ads for sensation seekers. p1359 2 Sep 1994. Alcoholic brain waves. p1655 16 Sep 1994. Another comet crackup. p1807 23 Sep 1994. Another gain in self-assembly. p608 29 July 1994. Antecedents of mammalian immunity. p2006 30 Sep 1994. An anti-HIV vitamin? p315 15 July 1994. Arctic ice sheet? p735 5 Aug 1994. Atoms have the coolest time. p1171 26 Aug 1994. Black and white view of veins. p183 8 July 1994. Brain drain at UCSF? p609 29 July 1994. Changing of the astro-guard. p183 8 July 1994. Comet Shoemaker-Levy: a disguised asteroid? p1030 19 Aug 1994. Commercializing science. p183 8 July 1994. Condoms face barrier at Japan meeting. p609 29 July 1994. Confluence of interest. p1529 9 Sep 1994. Currency redesign. p608 29 July 1994. Dante rescued from inferno. p1171 26 Aug 1994. Diet chemistry. p1529 9 Sep 1994. Direct look at a comet crash. p1358 2 Sep 1994. Discrimination case settled at Caltech. p735 5 Aug 1994. Does vitamin C clear the smoke? p871 12 Aug 1994. Eight get Medal of Science. p1529 9 Sep 1994. The El Niño that won't go away. p2006 30 Sep 1994. Exaggerations of ancient medicine. p1807 23 Sep 1994. Fetal egg-cell research scare. p608 29 July 1994. Fewer needles in chickens' futures. p1358 2 Sep 1994. Fields Medal honorees announced. p871 12 Aug 1994. Florida magnet lab opens. p2007 30 Sep 1994. Foot gears. p609 29 July 1994. Free speech vs. journal rankings. p1358 2 Sep 1994. French gene hunters face hunting limits. p315 15 July 1994. Gag on animal activist. p870 12 Aug 1994. Germans try lowering their ozone. p476 22 July 1994. Heart attacks and ethnicity. p1030 19 Aug 1994. High-energy physics vs. classical mechanics. p183 8 July 1994. High-tech turnaround. p2006 30 Sep 1994. Interferon with infertility. p1654 16 Sep 1994. Jump in science and engineering immigrants. p477 22 July 1994. Kyoto Prizes in math and medical imaging. p33 1 July 1994. Lasker awards. p2007 30 Sep 1994. Library on-line in New York. p1359 2 Sep 1994. Looking in the dark. p1031 19 Aug 1994. Making up the ancients. p1655 16 Sep 1994. Memory metal unwinds scoliosis. p1806 23 Sep 1994. Microbe attacking coral reefs. p1358 2 Sep 1994. MSU affair resolved. p1806 23 Sep 1994. New chief named for Canadian federal labs. p33 1 July 1994. New head for Kinsey? p1654 16 Sep 1994. Old human bones found in Spain. p735 5 Aug 1994. \$1 million for the Blue Planet. p1031 19 Aug 1994. Out "FOX"ing cholesterol tests? p1031 19 Aug 1994. The perils of babies in batches. p477 22 July 1994. Probe for an ancient sea. p1359 2 Sep 1994. Professors have their say. p476 22 July 1994. Psychology in crisis? p476 22 July 1994. Purification in the time of cholera. p476 22 July 1994. Quicker ozone recovery forecast. p1806 23 Sep 1994. Recycling elephants. p1529 9 Sep 1994. Russian laser set to sing a U.S. tune. p870 12 Aug 1994. Russian scientist takes gripe to court. p1171 26 Aug 1994. SAT pulls up scores. p1030 19 Aug 1994. Site visits to "chilly climates." p1655 16 Sep 1994. Smart shopping at Sears. p2007 30 Sep 1994. Space rock gets Zappa'd. p871 12 Aug 1994. Speeding the search for protein structure. p477 22 July 1994. Speeding up diamond growth. p609 29 July 1994. Speeding up peer review. p315 15 July 1994. Steak-lovers' health at stake? p315 15 July 1994. Strange tail of the skink. p1171 26 Aug 1994. Tinkering with the death program. p870 12 Aug 1994. Tracking a silicone leak. p1654 16 Sep 1994. Tracking Ph.D. trends. p33 1 July 1994. 22nd-dynasty toothache. p1806 23 Sep 1994. 2 firms, 4 engineers win technology medals. p1807 23 Sep 1994. U.K. is too defensive. p870 12 Aug 1994. Viral clues add to the ALS puzzle. p33 1 July 1994. Vole love. p2007 30 Sep 1994. Weighing HIV vaccine trials. p735 5 Aug 1994. Weighing the atom. p1654 16 Sep 1994. White flight from science. p871 12 Aug 1994.

Ravetch, Jeffrey V. See Sylvestre, Diana L.

Ravina, Adriana. See Maggi, Enrico.

Reasenber, P. A. and Jones, L. M.: Earthquake aftershocks: update (technical comment). p1251 26 Aug 1994.

Reddy, G. Ramachandra. See Chaudhary, Ajai K.

Redford, Kent H. and Dinerstein, Eric: Biological diversity and agriculture (letter). p457 22 July 1994.

Reinemer, Peter. See Steinbacher, Stefan.

Reinhoudt, D. N. See Schierbaum, K. D.

Reinikainen, Tapani. See Divne, Christina.

Renne, Paul R.: Institute of Human Origins breakup (letter). p721 5 Aug 1994.

Ress, D.; DaSilva, L. B.; London, R. A.; Trebes, J. E.; Mrowka, S.; Proccassini, R. J.; Barbee, T. W., Jr.; Lehr, D.

- E.: Measurement of laser-plasma electron density with a soft x-ray laser deflectometer. p514 22 July 1994.
- Retallack, Gregory J. and Germán-Heins, Judith: Evidence from paleosols for the geological antiquity of rain forest. p499 22 July 1994.
- Richard, Joel E. See Ringwald, Martin.
- Ricklefs, R. L. See Dickey, J. O.
- Ries, J. G. See Dickey, J. O.
- Rifkin, L. See Johnston, M.
- Riles, L. See Johnston, M.
- Rimsky, Sylvie. See Ding, Han-Fei.
- Ringwald, Martin; Baldock, Richard; Bard, Jonathan; Kaufman, Matthew; Eppig, Janan T.; Richard, Joel E.; Nadeau, Joseph H.; Davidson, Duncan: A database for mouse development. (perspective). p2033 30 Sep 1994.
- Robbins, Mark O. See Cieplak, Marek.
- Roberts, Thomas M. See Pallas, David C.
- Robinson, Phillip J. See Liu, Jun-Ping.
- Robinson, Stephen R. and Hampson, Edith C. G. M.: Gap junctions and intercellular communications. (letter). p1019 19 Aug 1994.
- Rodgers, K. R. and Spiro, T. G.: Nanosecond dynamics of the R $\rightarrow$ T transition in hemoglobin: ultraviolet Raman studies. p1697 16 Sep 1994.
- Rogers, Scott W.; Andrews, P. Ian; Gahring, Lorise C.; Whisenand, Teri; Cauley, Keith; Crain, Barbara; Hughes, Thomas E.; Heinemann, Stephen F.; McNamara, James O.: Autoantibodies to glutamate receptor GluR3 in Rasmussen's encephalitis. p648 29 July 1994.
- Romack, T. J. See DeSimone, J. M.
- Romagnani, Sergio. See Maggi, Enrico.
- Romanowski, Piotr. See Dowell, Simon J.
- Rong, Sing. See Mansour, Sam J.
- Root, Michael J. and MacKinnon, Roderick: Two identical noninteracting sites in an ion channel revealed by proton transfer. p1852 23 Sep 1994.
- Rose, Steven: "Neurogenetic determinism" (letter). p1159 26 Aug 1994.
- Rosenberg, Susan M.; Longrich, Simonne; Gee, Pauline; Harris, Reuben S.: Adaptive mutation by deletions in small mononucleotide repeats. p405 15 July 1994.
- Roskies, Adina L. and O'Leary, Dennis D. M.: Control of topographic retinal axon branching by inhibitory membrane-bound molecules. p799 5 Aug 1994.
- Ross, Kenneth G.: review of *Exotic Anis*, edited by David F. Williams. p1744 16 Sep 1994.
- Rousch, Wade (news): Population: the view from Cairo p1164 26 Aug 1994.
- Rozsnyal, Lawrence F. See Frisbie, C. Daniel.
- Rubenstein, Barton S. See Karmi, Avi.
- Rietschi, M.; Grütter, P.; Fünfschilling, J.; Güntherodt, H.-J.: Creation of liquid crystal waveguides with scanning force microscopy. p512 22 July 1994.
- Ruggieri, Rosamaria. See Freed, Ellen.
- Ruohonen, Laura. See Divine, Christina.
- Russel, Marjorie: Phage assembly: a paradigm for bacterial virulence factor export? (perspective). p612 29 July 1994.
- Russell, Ray. See Orton, Glenn S.
- Rutkat, Kerstin. See Schmidt, Marion.
- Ryan, Ann M. See Cacalano, Grace.
- Scanlan, Thomas S. See Zhou, G. Wayne.
- Schatz, Bruce R. and Hardin, Joseph B.: NCSA Mosaic and the World Wide Web: global hypermedia protocols for the Internet. p895 12 Aug 1994.
- Schechter, R. S.; Chaskelis, H. H.; Mignogna, R. B.; Del-santo, P. P.: Real-time parallel computation and visualization of ultrasonic pulses in solids. p1188 26 Aug 1994.
- Scherpbier-Heddema, Titia. See Murray, Jeffrey C.
- Scheuer, Todd. See Ragsdale, David S.
- Schierbaum, K. D.; Weiss, T.; Thoden van Velzen, E. U.; Engbersen, J. F. J.; Reinhoudt, D. N.; Göpel, W.: Molecular recognition by self-assembled monolayers of cavitand receptors. p1413 2 Sep 1994.
- Schindler, Ulrike. See Hou, Jinzhao.
- Schlemmer, S.; Cook, D. J.; Harrison, J. A.; Wurfel, B.; Chapman, W.; Saykally, R. J.: The unidentified interstellar infrared bands: PAHs as carriers? p1686 16 Sep 1994.
- Schmidt, Karen (news): Genetic engineering yields forest pest-resistant seeds p739 5 Aug 1994.
- Schmidt, Marion; Rutkat, Kerstin; Rachel, Reinhard; Pfeifer, Günter; Jaenicke, Rainer; Viitanen, Paul; Lorimer, George; Buchner, Johannes: Symmetric complexes of GroE chaperonins as part of the functional cycle. p656 29 July 1994.
- Schmidt, Renate. See Bent, Andrew F.
- Schmitt, Jürgen H. M. M.; Haisch, B. M.; Drake, J. J.: A spectroscopic measurement of the coronal density of procyon. p1420 2 Sep 1994.
- Schmitt, Jürgen H. M. M. See Berghöfer, Thomas W. See also Güdel, Manuel.
- Schork, Nicholas J. See Lander, Eric S.
- Schrock, Richard R. See Samuel, Ifor D. W.
- Schubert, E. F.; Hunt, N. E. J.; Micovic, M.; Malik, R. J.; Sivco, D. L.; Cho, A. Y.; Zyzdik, G. J.: Highly efficient light-emitting diodes with microcavities. p943 12 Aug 1994.
- Schwab, Donna. See Cairns, Paul.
- Schwaber, James S. See Standish, Amelia.
- Schwartz, Andrew B.: Direct cortical representation of drawing. p540 22 July 1994.
- Schwarz, Steven. See Gersappe, Dilip.
- ScienceScope: Algerian schools open to terrorist threats. p1647 16 Sep 1994. Alternative medicine chief calls it quits. p307 15 July 1994. Army breast cancer program in limbo. p1163 26 Aug 1994. Asteroids now on Air Force's radar screen. p595 29 July 1994. Aubert plans overhaul of CNRS. p1795 23 Sep 1994. Biomedical trust fund advances. p175 8 July 1994. Biotech industry wins concessions on GATT. p1999 30 Sep 1994. California societies seek to restore tobacco research fund. p1647 16 Sep 1994. Congress: ban recruiters, lose grants. p463 22 July 1994. Congress does the ITER two-step. p1515 9 Sep 1994. Cutoffs in European science aid reversed. p307 15 July 1994. DOD commits to FSU science fund. p1999 30 Sep 1994. DoD gives in on breast cancer grants. p1351 2 Sep 1994. Environmental voice joins dioxin debate. p1023 19 Aug 1994. EPA plans to squeeze pork 'til it squeals. p1999 30 Sep 1994. EPA scientists brace for major changes. p19 1 July 1994. EPA to spell out biotech regs. p1351 2 Sep 1994. Europe regulates genetic test data. p175 8 July 1994. Getting the goods to former Soviet scientists. p19 1 July 1994. House election may affect NIH oversight. p1795 23 Sep 1994. Investigation confirms murderer's claims. p463 22 July 1994. Japan seeks bigger role in scientific exchange programs. p1163 26 Aug 1994. Japanese radiation center wins reprieve. p727 5 Aug 1994. A job shop for U.K. women scientists. p307 15 July 1994. LHC delay averted? p1647 16 Sep 1994. Making sure biotech and war don't mix. p1023 19 Aug 1994. MIT student's Chernobyl analysis flawed. p859 12 Aug 1994. NAS takes fresh look at DNA fingerprinting. p1163 26 Aug 1994. New bioethics board. p595 29 July 1994. A new chief for ITER. p175 8 July 1994. New role for NIST computer science. p19 1 July 1994. New technique to safeguard plutonium. p1163 26 Aug 1994. NIH AIDS office clings to power. p19 1 July 1994. NIH readies for round two on pricing clause. p1351 2 Sep 1994. NIH sets opening for behavioral office. p595 29 July 1994. NRC questions NASA human research plans. p727 5 Aug 1994. Panel backs pole station, questions funding. p175 8 July 1994. PCAST members. p727 5 Aug 1994. Peer review for Russian space science. p1515 9 Sep 1994. PNL plans environmental research on Internet. p1999 30 Sep 1994. Poisoning alleged in French AIDS scandal. p859 12 Aug 1994. Political battle could claim fusion reactor. p19 1 July 1994. Pornography ring spurs DOE probe. p1795 23 Sep 1994. President's AIDS chief expected to leave. p175 8 July 1994. Promotion for NIH? p859 12 Aug 1994. Publicizing AIDS data early and often. p1023 19 Aug 1994. Registration lags for Japan's AIDS meeting. p595 29 July 1994. Russian ships collide with creditors. p307 15 July 1994. Senate axes EPA clean-air research. p727 5 Aug 1994. Senate nixes USGS ecosystems initiative. p1023 19 Aug 1994. Senate tackles alternative NIH budget. p595 29 July 1994. Senators trip up biodiversity treaty. p859 12 Aug 1994. Seoul to host vaccine institute. p175 8 July 1994. Shotgun marriage for EPA and NSF review? p463 22 July 1994. Shrinking the weapons labs: no bargain? p1515 9 Sep 1994. Spain and EU to break ground on biology lab. p1795 23 Sep 1994. Truce on planned fusion facility? p463 22 July 1994. USDA germ plasm bank for livestock. p1647 16 Sep 1994. White House battles defense cuts. p307 15 July 1994. White House to honor science mentors. p1351 2 Sep 1994. White House wants new moon mission. p859 12 Aug 1994. WHO panel: death penalty for smallpox. p1647 16 Sep 1994. WIPPIing up a neutrino observatory. p1515 9 Sep 1994.
- Scott, Edward W.; Simon, M. Celeste; Anastasi, John; Singh, Harinder: Requirement of transcription factor PU.1 in the development of multiple hematopoietic lineages. p1573 9 Sep 1994.
- Scott, Lawrence T. See Ayalon, Ari.
- Seachrist, Lisa (news): Scientists' lobbying wins a review of research funding. p1652 16 Sep 1994.
- Seal, Sheila. See Wooster, Richard.
- Seckler, Robert. See Steinbacher, Stefan.
- Secrist, John A., III: Seaborgium: name not yet approved by ACS (letter). p303 15 July 1994.
- Segal, Anthony W. See Diekmann, Dagmar.
- Segu, Louis. See Saudou, Frédéric.
- Seidensticker, John: review of *Kalahari Hyaenas*, by M. G. L. Mills. p2107 30 Sep 1994.
- Sékaly, Rafick P. See Graziosi, Cecilia.
- Selegue, Jane E. See Carroll, Sean B.
- Selsing, Erik. See Xu, Bo.
- Service, Robert F. (news): Agreements set rules of the road for global collaboration. p1520 9 Sep 1994. Heating up some SQUIDS. p1035 19 Aug 1994. Making molecular filters more reactive. p1363 2 Sep 1994. *E. coli* scare spawns therapy search. p475 22 July 1994. Riding the d-wave. p2014 30 Sep 1994. Self-assembly comes together. p316 15 July 1994. Triggering the first line of defense. p1522 9 Sep 1994. Unexplained sightings. p2015 30 Sep 1994.
- Sessoli, Roberta. See Gatteschi, Dante.
- Seva, Catherine; Dickinson, Chris J.; Yamada, Tadataka: Growth-promoting effects of glycine-extended progastrin. p410 15 July 1994.
- Shapiro, James A.: Adaptive mutation (letter). p1994 30 Sep 1994.
- Sharma, Surendra; Maizel, Abby; Jackson, James R.: Phylogenetic analysis of a reported complementary DNA sequence (technical comment). p1111 19 Aug 1994.
- Sharp, Phillip A. See Crispino, John D.
- Shawl, Fayaz. See Speir, Edith.
- Shea, Susan C. See Johanson, Donald C.
- Sheffield, Val C. See Murray, Jeffrey C.
- Sheldrick, Katherine S. See Ford, Jon C.
- Shelus, P. J. See Dickey, J. O.
- Sherbot, Darren M. J. See Bothwell, Max L.
- Sheridan, Thomas E.: review of *Ethnohistory and Archaeology*, edited by J. Daniel Rogers and Samuel M. Wilson. p270 8 July 1994.
- Sheth, Bhavin. See Nelson, Sacha.
- Shi, X. D.; Brenner, Michael P.; Nagel, Sidney R.: A cascade of structure in a drop falling from a faucet. p219 8 July 1994.
- Shimamoto, T. See Wang, J. N.
- Shimbara, Naoki. See Akiyama, Kin-ya.
- Shimomura, O. See Morishima, H.
- Showers, William J. See Barrick, Reese E.
- Shu, Frank H.: AAS position on the space station (letter). p1789 23 Sep 1994. A coincidental move (letter). p1158 26 Aug 1994.
- Shubin, Neil H. See Daeschler, Edward B.
- Shure, Mark. See Orton, Glenn S.
- Siber, George R.: Pneumococcal disease: prospects for a new generation of vaccines. (perspective). p1385 2 Sep 1994.
- Siby, Tidiane. See Marlink, Richard.
- Sidrasky, David. See Cairns, Paul.
- Siebenlist, Ulrich. See Maguire, Jean.
- Siegrist, Claire-Anne. See Steimle, Viktor.
- Siggia, Eric D. See Bustamante, C. See also Marko, John F.
- Sigmund, Karl: review of *The Garden in the Machine*, by Claus Emmelche. p1900 23 Sep 1994.
- Sik, Attila; Ylinen, Aarne; Penttonen, Markku; Buzsáki, György: Inhibitory CA1-CA3-hilar region feedback in the hippocampus. p1722 16 Sep 1994.
- Silbey, Robert J. See Samuel, Ifor D. W.
- Silvera, Deborah. See Andino, Raul.
- Silverman, Robert H. See Maran, Avudaippan.
- Sim, Alistair T. R. See Liu, Jun-Ping.
- Simon, A. See Bensimon, A.
- Simon, M. Celeste. See Scott, Edward W.
- Singh, Harinder. See Scott, Edward W.

- Sirica, Coimbra: Taking stock of tropical diversity (inside AAAS). p690 29 July 1994.
- Sivco, D. L. See Schubert, E. F.
- Skolnick, Mark H. See Kamb, Alexander. See also Wooster, Richard.
- Slanetz, Alfred E. See Corr, Maripat.
- Slanger, Tom G.: Energetic molecular oxygen in the atmosphere (perspective). p1817 23 Sep 1994.
- Slatkin, Daniel N.: Glioblastoma treatment (letter). p1644 16 Sep 1994.
- Slutkin, Gary. See Aggleton, Peter.
- Smalley, Richard E. See Heymann, Dieter. See also Ramirez, A. P.
- Smith, Amos B., III. See Hirschmann, Ralph.
- Smith, Barbara L. See Preston, Gregory M.
- Smith, Elizabeth D. See Cieplak, Marek.
- Smith, Fred H.: review of *The Nariokotome Homo erectus Skeleton*, edited by Alan Walker and Richard Leakey. p481 15 July 1994.
- Smith, Jack E.: Institute of Human Origins: separation issues (letter). p15 1 July 1994.
- Smith, James N. M. See Myers, Judith H.
- Smith, Jean C. See Glass, Roger I.
- Smith, Laurens H., Jr. See Smothers, James F.
- Smith, S. See Bustamante, C.
- Smothers, James F.; von Dohlen, Carol D.; Smith, Laurens H., Jr.; Spall, Richard D.: Molecular evidence that the myxozoan protists are metazoans. p1719 16 Sep 1994.
- Snyder, Solomon H.: Nitric oxide toxicity and poly(ADP-ribose)polymerase. (letter). p723 5 Aug 1994.
- Snyder, Solomon H. See O'Dell, Thomas J.
- Sokolov, Jon. See Gersappe, Dilip.
- Solomon, Sean C. See Namiki, Noriyuki.
- Solow, Andrew R.: review of *Time Series Prediction* edited by Andreas S. Weigend and Neil A. Gershenfeld. p1745 16 Sep 1994.
- Sommer, Ralf J. and Sternberg, Paul W.: Changes of induction and competence during the evolution of vulva development in nematodes. p114 1 July 1994.
- Somorjai, G. A. See McIntyre, B. J.
- Spall, Richard D. See Smothers, James F.
- Spohner, Danièle. See de la Salle, Henri.
- Speir, Edith; Modali, Rama; Huang, Eng-Shang; Leon, Martin B.; Shawl, Fayaz; Finkel, Toren; Epstein, Stephen E.: Potential role of human cytomegalovirus and p53 interaction in coronary restenosis. p391 15 July 1994.
- Spencer, David F. See Stoltzfus, Arlin.
- Speranza, Maurizio. See Cacace, Fulvio.
- Spiro, T. G. See Rodgers, K. R.
- Spradling, Theresa A. See Hafner, Mark S.
- Sprang, Stephen R. See Coleman, David E.
- Sprengeler, Paul A. See Hirschmann, Ralph.
- Sprent, Jonathan and Tough, David F.: Lymphocyte lifespan and memory. p1395 2 Sep 1994.
- Squyres, Steven W. and Kasting, James F.: Early Mars: how warm and how wet?. p744 5 Aug 1994.
- Srivastava, Pratima. See Garnier, Francis.
- St. Peter, H. See Johnston, M.
- Stadler, Michael A.: Explicit and implicit learning and maps of cortical motor output (technical comment). p1600 9 Sep 1994.
- Ståhlberg, Jerry. See Divine, Christina.
- Stamm, Stefan. See Cáceres, Javier F.
- Standish, Amelia; Enquist, Lynn W.; Schwaber, James S.: Viral tracing of innervation (technical comment). p121 1 July 1994.
- Stanley, Daniel Jean and Warne, Andrew G.: Worldwide initiation of Holocene marine deltas by deceleration of sea-level rise. p228 8 July 1994.
- Stanley, Kenneth E.; Fischl, Margaret A.; Collier, Ann C.: Clinical trials: subgroup analyses. (letter). p1158 26 Aug 1994.
- Staskawicz, Brian J. See Bent, Andrew F.
- Stebbins, Jonathan F. See Farnan, Ian.
- Steimle, Viktor; Siegrist, Claire-Anne; Mottet, Annick; Lisowska-Grospierre, Barbara; Mach, Bernard: Regulation of MHC class II expression by interferon- γ mediated by the transactivator gene CIITA. p106 1 July 1994.
- Stein, Ross S.; King, Geoffrey C. P.; Lin, Jian: Stress triggering of the 1994 M $\pm$ 6.7 Northridge, California, earthquake by its predecessors. p1432 2 Sep 1994.
- Steinbacher, Stefan; Seckler, Robert; Miller, Stefan; Steipe, Boris; Huber, Robert; Reinemer, Peter: Crystal structure of P22 tailspike protein: interdigitated subunits in a thermostable trimer. p383 15 July 1994.
- Steipe, Boris. See Steinbacher, Stefan.
- Stendahl, Olle; Krause, Karl-Heinz; Krischer, Joachim; Jerström, Petra; Theler, Jean-Marc; Clark, Robert A.; Carpentier, Jean-Louis; Lew, Daniel P.: Redistribution of intracellular Ca^{2+} stores during phagocytosis in human neutrophils. p1439 2 Sep 1994.
- Stephan, O. See Ajayan, P. M.
- Sternberg, Paul W. See Sommer, Ralf J.
- Sternberg, Steve (news): Support grows for NIH trust fund p862 12 Aug 1994.
- Stewart, Ian: review of *The Broken Dice and Other Mathematical Tales of Chance*, by Ivar Ekeland. p271 8 July 1994.
- Stokes, Raymond G.: review of *Science, Technology and National Socialism*, edited by Monika Renneberg and Mark Walker, *Surviving the Swastika*, by Kristie Macrakis. p124 1 July 1994.
- Stolper, Edward M. See Watson, Laurie Leshin.
- Stoltzfus, Arlin; Spencer, David F.; Zuker, Michael; Logsdon, John M., Jr.; Doolittle, W. Ford: Testing the exon theory of genes: the evidence from protein structure. p202 8 July 1994.
- Stone, Richard (news): Browner to beef up outside research. p599 29 July 1994. Causes sought for sperm-count drop. p309 15 July 1994. Cuban crisis threatens joint research. p1803 23 Sep 1994. Dioxin report faces scientific gauntlet. p1650 16 Sep 1994. Environmental estrogens stir debate. p308 15 July 1994. German lab points the way in hunt for 'hot' plutonium. p1355 2 Sep 1994. One cancer warrants closer look. p310 15 July 1994. Recruiting ban affects research grants. p865 12 Aug 1994. World Bank bailout seeks changes in global network. p181 8 July 1994. (science careers): Climbing the industry career ladder. p1911 23 Sep 1994.
- Stratton, Michael R. See Wooster, Richard.
- Strick, P. L. See Kim, S.-G.
- Stryker, Michael P. See Hata, Yoshio.
- Studer, Michèle; Pöpperl, Heike; Marshall, Heather; Kuroiwa, Atsushi; Krumlauf, Robb: Role of a conserved retinoic acid response element in rhombomere restriction of *Hoxb-1*. p1728 16 Sep 1994.
- Sturchio, Neil C. See Qian, Yonglin.
- Sudman, Philip D. See Hafner, Mark S.
- Suggett, Shelley D. See Andino, Raul.
- Suh, Edward B. See Martino, Robert L.
- Suits, A. G. See Miller, R. L.
- Sun, Gong-Duo. See Lund, James P.
- Sun, J. Z. See Gupta, A.
- Sunden, Sara. See Murray, Jeffrey C.
- Sung, Patrick: Catalysis of ATP-dependent homologous DNA pairing and strand exchange by yeast RAD51 protein. p1241 26 Aug 1994.
- Sur, Mriganka. See Nelson, Sacha.
- Susman, Randall L.: Fossil evidence for early hominid tool use. p1570 9 Sep 1994.
- Suto, M. See Morishima, H.
- Svishev, Igor M. See Kusalik, Peter G.
- Swat, W. See Fehling, H. J.
- Swinney, Harry L. See Lee, Kyoung-Jin.
- Sygula, Andrzej. See Ayalon, Ari.
- Sylvestre, Diana L. and Ravetch, Jeffrey V.: Fc receptors initiate the Arthus reaction: redefining the inflammatory cascade. p1095 19 Aug 1994.
- Symons, Marc. See Freed, Ellen.
- Szczygłowski, Krzysztof. See Szerszen, Jędrzej B.
- Szerszen, Jędrzej B.; Szczygłowski, Krzysztof; Bandurski, Robert S.: *iaglu*, a gene from *Zea mays* involved in conjugation of growth hormone indole-3-acetic acid. p1699 16 Sep 1994.

T

- Taccioli, Guillermo E.; Gottlieb, Tanya M.; Blunt, Tracy; Priestley, Anne; Demengeot, Jocelyne; Mizuta, Ryushin; Lehmann, Alan R.; Alt, Frederick W.; Jackson, Stephen P.; Jeggo, Penny A.: Ku80: product of the XRCC5 gene and its role in DNA repair and V(D)J recombination. p1442 2 Sep 1994.
- Tainsky, Michael A. See Dameron, Kristina M.
- Tamura, Tomohiro. See Akiyama, Kin-ya.
- Tanaka, Keiji. See Akiyama, Kin-ya.
- Tanigaki, K. See Dujardin, E.
- Tank, D. W.; Gelperin, A.; Kleinfeld D.: Odors, oscillations, and waves: does it all compute?. (perspective). p1819 23 Sep 1994.
- Tanne, David. See Karni, Avi.
- Tanzi, Rudolph E. See Bush, Ashley I.
- Taubes, Gary (news): Death threats and trial by tabloid. p732 5 Aug 1994. An early claim on Bose condensation. p185 8 July 1994. Hot on the trail of a cold mystery. p184 8 July 1994. Will new dopamine receptors offer a key to schizophrenia?. p1034 19 Aug 1994. (computing in science): Devising software immune systems for computers. p887 12 Aug 1994. Do immunologists dream of electric mice?. p886 12 Aug 1994. Taking the data in hand—literally—with virtual reality. p884 12 Aug 1994.
- Tavtigian, Sean. See Kamb, Alexander.
- Taylor, Carol M. See Hirschmann, Ralph.

- Taylor, David Winship. See Moldovan, J. Michael.
- Taylor, Scott D. See Hirschmann, Ralph.
- Teeri, Tuula T. See Divine, Christina.
- Thaler, David: Adaptive mutation (letter). p1995 30 Sep 1994.
- Theiss, Silva K. See Hwang, Ing-Shouh.
- Theler, Jean-Marc. See Stendahl, Olle.
- Theurkauf, William E.: Premature microtubule-dependent cytoplasmic streaming in *cappuccino* and *spire* mutant oocytes. p2093 30 Sep 1994.
- Thior, Ihou. See Marlink, Richard.
- Thoden van Velzen, E. U. See Schierbaum, K. D.
- Tholence, J. L. See Radaelli, P. G.
- Thomas, John Meurig and Greaves, G. Neville: Probing solid catalysts under operating conditions. (perspective). p1675 16 Sep 1994.
- Thomas, Matthew B. See Hawkins, Bradford A.
- Thomas, P. C. See Belton, M. J. S.
- Thompson, J. R. See Norton, D. P.
- Thomson, Keith S. See Daeschler, Edward B.
- Thomson, Stephen A. See Brown, Stephen C.
- Tirrell, David A. See Krejchi, Mark T.
- Tobias, Sheila (science careers): Unemployment blues: a report from the field. p1931 23 Sep 1994.
- Tobler, H. See Etter, A.
- Todd, Matthew J.; Viitanen, Paul V.; Lorimer, George H.: Dynamics of the chaperonin ATPase cycle: implications for facilitated protein folding. p659 29 July 1994.
- Tokino, Kaori. See Cairns, Paul.
- Tokunaga, Alan T. See Orton, Glenn S.
- Tolbert, S. H. and Alivisatos, A. P.: Size dependence of a first order solid-solid phase transition: the Wurtzite to rock salt transformation in CdSe nanocrystals. p373 15 July 1994.
- Tolstoshev, Carolyn M. See Boguski, Mark S.
- Tomkinson, Alan E. See Bardwell, A. Jane.
- Tomlinson, Andrew: review of *The Development of Drosophila melanogaster*, edited by Michael Bate and Alfonso Martinez Arias. p819 5 Aug 1994.
- Tongio, Marie-Marthe. See de la Salle, Henri.
- Topsøe, Nan-Yu: Mechanism of the selective catalytic reduction of nitric oxide by ammonia elucidated by in situ on-line Fourier transform infrared spectroscopy. p1217 26 Aug 1994.
- Toriumi, M. See Wang, J. N.
- Torrence, Paul F. See Maran, Avudaiappan.
- Toth, Louis. See Nelson, Sacha.
- Tough, David F. See Sprent, Jonathan.
- Toumi, R. See Miller, R. L.
- Tran, Thao. See Wooster, Richard.
- Traore, Ibrahim. See Marlink, Richard.
- Trauth, D. See Ajayan, P. M.
- Travers, Karin. See Marlink, Richard.
- Travis, John (news): Are quasar twins an optical illusion?. p1036 19 Aug 1994. A constant star suddenly flares up. p1660 16 Sep 1994. Do tides power black widow's mate?. p869 12 Aug 1994. NOAA's "arks" sail into a storm. p176 8 July 1994. On the track of dark matter in mica. p607 29 July 1994. Scopes and squirrels return to court. p1356 2 Sep 1994. (science careers): Signing up for contract research and development. p1915 23 Sep 1994.
- Trebes, J. E. See Ress, D.
- Trevaskis, E. See Johnston, M.
- Trimarchi, Jeffrey M. See Foster, Patricia L.
- Trowsdale, John. See de la Salle, Henri.
- Trus, Benes L. See Martino, Robert L.
- Tsuei, C. C. See Gupta, A.

U-W

- Uğurbil, K. See Kim, S.-G.
- Ulevitch, R. J. See Han, J.
- Urakawa, S. See Morishima, H.
- Urlacher, Arlette. See de la Salle, Henri.
- Utsumi, W. See Morishima, H.
- v. Herder, G. See Holstein, T. W.
- Van Allen, James A.: Space station, a.k.a. "Project Vampire"? (letter). p1017 19 Aug 1994.
- van der Riet, Peter. See Cairns, Paul.
- van Geert, Paul: review of *Dynamical Systems in Social Psychology*, edited by Robin R. Vallacher and Andrzej Nowak. p977 12 Aug 1994.
- van Genderen, Courtney. See Forrester, William C.
- Van Orden, A. See Giesen, T. F.
- Vande Woude, George F. See Mansour, Sam J.
- Varmus, Harold: Embryo research guidelines (letter). p1345 2 Sep 1994.
- Varshavsky, Alexander. See Madura, Kiran.
- Vaudin, M. See Johnston, M.
- Vaughan, K. See Johnston, M.
- Vaupel, Barbara A. See Kanağawa, Osami.
- Veal, James M. See Brown, Stephen C.
- Veeder, Glenn J., Jr. See Orton, Glenn S.

- Veillet, C. See Dickey, J. O.
 Veverka, J. See Belton, M. J. S.
 Vidale, John E. See Houston, Heidi. See also Li, Yong-Gang.
 Vignal, Alain. See Murray, Jeffrey C.
 Vignati, D. See Johnston, M.
 Vignaux, Françoise. See Kägi, David.
 Viitanen, Paul V. See Todd, Matthew J. See also Schmidt, Marion.
 Villablanca, Francis X. See Hafner, Mark S.
 Vincent, J. F. V.: review of *Biology of Fibrous Composites*, by A. C. Neville. p126 1 July 1994.
 Volpert, Olga V. See Dameron, Kristina M.
 von Boehmer, H. See Fehling, H. J.
 von Dohlen, Carol D. See Smothers, James F.
 Vonsattel, Jean-Paul. See Bush, Ashley I.
 Voss, David F. See Brauman, John I.
 Waddon, Alan J. See Krejchi, Mark T.
 Wake, David B.: review of *Homology*, edited by Brian K. Hall. p268 8 July 1994.
 Waldrop, M. Mitchell (computing in science): Culture shock on the networks. p879 12 Aug 1994. Software agents prepare to sift the riches of cyberspace. p882 12 Aug 1994.
 Wallace, Paul J. and Gerlach, Terrence M.: Magmatic vapor source for sulfur dioxide released during volcanic eruptions: evidence from Mount Pinatubo. p497 22 July 1994.
 Walldorf, Uwe. See Quiring, Rebecca.
 Wang, J. N.; Hobbs, B. E.; Ord, A.; Shimamoto, T.; Toriumi, M.: Newtonian dislocation creep in quartzites: implications for the rheology of the lower crust. p1204 26 Aug 1994.
 Wang, Jin and Klein, John R.: Thymus-neuroendocrine interactions in extrathymic T cell development. p1860 23 Sep 1994.
 Wang, Tongwen; Donahoe, Patricia K.; Zervos, Antonis S.: Specific interaction of type I receptors of the TGF- β family with the immunophilin FKBP-12. p674 29 July 1994.
 Wang, Yuh-Hwa; Amirhaeri, Sorour; Kang, Seongman; Wells, Robert D.; Griffith, Jack D.: Preferential nucleosome assembly at DNA triplet repeats from the myotonic dystrophy gene. p669 29 July 1994.
 Wang, Yuh-Hwa. See Murphy, Felicia L.
 Wanner, G. See Holstein, T. W.
 Ward, Bess B. See Bronk, Deborah A.
 Ward, David. See Murray, Jeffrey C.
 Warne, Andrew G. See Stanley, Daniel Jean.
 Watanabe, Myrna E. (news): Pollination worries rise as honey bees decline p1170 26 Aug 1994.
 Waterston, R. See Johnston, M.
 Watson, Laurie Leshin; Hutcheon, Ian D.; Epstein, Samuel; Stolper, Edward M.: Water on Mars: clues from deuterium/hydrogen and water contents of hydrous phases in SNC meteorites. p86 1 July 1994.
 Wattenburg, Bill: Fluorescent barriers to infiltration. (policy forum). p1184 26 Aug 1994.
 Weaver, John H.: Totally tubular. (perspective). p611 29 July 1994.
 Weber, James L. See Murray, Jeffrey C.
 Wegner, G. See Gupta, V. K.
 Weiner, Howard L. See Chen, Youhai.
 Weiss, T. See Schierbaum, K. D.
 Weissenbach, Jean. See Murray, Jeffrey C.
 Weisskopf, Marc G.; Castillo, Pablo E.; Zalutsky, Robert A.; Nicoll, Roger A.: Mediation of hippocampal mossy fiber long-term potentiation by cyclic AMP. p1878 23 Sep 1994.
 Weller, Wendy. See Pallas, David C.
 Wells, Robert D. See Wang, Yuh-Hwa.
 Werner, Mark H. See Dobrowsky, Rick T.
 West, Robert A. See Orton, Glenn S.
 Whipple, A. L. See Dickey, J. O.
 Whisenand, Teri. See Rogers, Scott W.
 Whisstock, James. See Hopkins, Paul C. R.
 Whitbeck, Caroline: Overlapping dissertation topics (letter). p1020 19 Aug 1994.
 White, Ray. See Murray, Jeffrey C.
 Whitesides, George M. See Bergens, Steven H.
 Wiant, J. R. See Dickey, J. O.
 Wilcox, L. See Johnston, M.
 Wiley, Don C. See Bouvier, Marlène.
 Williams, Bryan R. G. See Maran, Avudaiappan.
 Williams, Cheri V. See Wu, Hope H.
 Williams, J. G. See Dickey, J. O.
 Williams, Jim A. See Carroll, Sean B.
 Williams, Trevor and Hails, Rosemary S.: Biological control and refuge theory (technical comment). p811 5 Aug 1994.
 Williamson, James R. See Zarrinkar, Patrick P.
 Wilson, Ellen T. See Helde, Kathryn Ann.
 Wilson, Matthew A. and McNaughton, Bruce L.: Reactivation of hippocampal ensemble memories during sleep. p676 29 July 1994.
 Wilson, R. See Johnston, M.
 Winans, Randall E. See Becker, Luann.
 Wise, M. Norton: review of *Hermann von Helmholtz and the Foundations of Nineteenth-Century Science*, edited by David Cahan. p974 12 Aug 1994.
 Wodtke, A. M. See Miller, R. L.
 Wofsy, David. See Finck, Barbara K.
 Wohldman, P. See Johnston, M.
 Wolbach, Wendy S. See Heymann, Dieter.
 Wolfenden; Richard and Radzicka, Anna: On the probability of finding a water molecule in a nonpolar cavity. p936 12 Aug 1994.
 Wong, Vivien. See Mitsumoto, Hiroshi.
 Wood, William I. See Cacalano, Grace.
 Woodruff, David S. See Morin, Phillip A.
 Wooster, Richard; Neuhausen, Susan L.; Mangion, Jonathan; Quirk, Yvette; Ford, Deborah; Collins, Nadine; Nguyen, Kim; Seal, Sheila; Tran, Thao; Averill, Diane; Fields, Patty; Marshall, Gill; Narod, Steven; Lenoir, Gilbert M.; Lynch, Henry; Feunteun, Jean; Deville, Peter; Cornelisse, Cees J.; Menko, Fred H.; Daly, Peter A.; Ormiston, Wilma; McManus, Ross; Pyle, Carole; Lewis, Cathryn M.; Cannon-Albright, Lisa A.; Peto, Julian; Ponder, Bruce A. J.; Skolnick, Mark H.; Easton Douglas F.; Goldgar, David E.; Stratton, Michael R.: Localization of a breast cancer susceptibility gene, BRCA2, to chromosome 13q12-13. p2088 30 Sep 1994.
 Workman, Jerry L. See Côté, Jacques.
 Wrighton, Mark S. See Frisbie, C. Daniel.
 Wu, Hope H.; Williams, Cheri V.; McLoon, Steven C.: Involvement of nitric oxide in the elimination of a transient retinotectal projection in development. p1593 9 Sep 1994.
 Wu, I-Huan. See Galcheva-Gargova, Zoya.
 Wu, Rulian. See Halvorson, Craig.
 Wu, Ruqian; Freeman, A. J.; Olson, G. B.: First principles determination of the effects of phosphorus and boron on iron grain boundary cohesion. p376 15 July 1994.
 Wudl, Fred. See Halvorson, Craig.
 Wuethrich, Bernice (news): It's official: quake danger in Northwest rivals California's p1802 23 Sep 1994.
 Wurfel, B. See Schlemmer, S.
 Xiao, Wei. See Maran, Avudaiappan.
 Xie, X. Sunney and Dunn, Robert C.: Probing single molecule dynamics. p361 15 July 1994.
 Xu, Bo and Selsing, Erik: Analysis of sequence transfers resembling gene conversion in a mouse antibody transgene. p1590 9 Sep 1994.
 Yager, Kraig M. See Hirschmann, Ralph.
 Yamada, Tadataka. See Seva, Catherine.
 Yamaguchi, Naoto. See Koyama, Koichi.
 Yanamandra-Fisher, Padmavati A. See Orton, Glenn S.
 Yang, Lin. See Balk, Steven P.
 Yap, Tieng K. See Martino, Robert L.
 Yashar, Beverly M. See Irie, Kenji.
 Yassar, Abderrahim. See Garnier, Francis.
 Yee, Jiing-Kuan. See Lin, Shuo.
 Yen, Tim J. See Liao, Hong.
 Yeola, Suresh N. See Chaudhary, Ajai K.
 Yewdell, John. See Maguire, Jean.
 Ylinen, Aarne. See Sik, Attila.
 Yoder, C. F. See Dickey, J. O.
 Yokota, Kim-ya. See Akiyama, Kin-ya.
 Yoon, Seokwon. See Dai, Hongjie.
 ———; Dai, Hongjie; Liu, Jie; Lieber, Charles M.: Surface pinning as a determinant of the bulk flux-line lattice structure in copper oxide superconductors. p215 8 July 1994.
 York, Donald G.: The elemental composition of interstellar dust (perspective). p191 8 July 1994.
 Young, Truman P.: Biodiversity questions. (letter). p1511 9 Sep 1994.
 Zaleski, Jeffrey M. See Engebretson, Daniel S.
 Zalutsky, Robert A. See Weisskopf, Marc G.
 Zambrano, Nicola. See Clore, G. Marius.
 Zanda, Brigitte; Bourot-Denise, Michèle; Perron, Claude; Hewins, Roger H.: Origin and metamorphic redistribution of silicon, chromium, and phosphorus in the metal of chondrites. p1846 23 Sep 1994.
 Zarrinkar, Patrick P. and Williamson, James R.: Kinetic intermediates in RNA folding. p918 12 Aug 1994.
 Zeidel, Mark L. See Preston, Gregory M.
 Zerr, A. See Boehler, R.
 Zervos, Antonis S. See Wang, Tongwen.
 Zhang, J. See Ramirez, A. P.
 Zhang, X. B. See Amelinckx, S.
 Zhang, X. F. See Amelinckx, S.
 Zhou, G. Wayne; Guo, Jincan; Huang, Wei; Fletterick, Robert J.; Scanlan, Thomas S.: Crystal structure of a catalytic antibody with a serine protease active site. p1059 19 Aug 1994.
 Zhou, Jian S. and Hoffman, Brian M.: Stern-Volmer in reverse: 2:1 stoichiometry of the cytochrome c-cytochrome c peroxidase electron-transfer complex. p1693 16 Sep 1994.
 Zhou, O. See Ramirez, A. P.
 Zielhuis, Alet and Nolet, Guust: Deep seismic expression of an ancient plate boundary in Europe. p79 1 July 1994.
 Zietkiewicz, Ewa; Makalowski, Wojciech; Mitchell, Grant A.; Labuda, Damian: Phylogenetic analysis of a reported complementary DNA sequence (technical comment). p1110 19 Aug 1994.
 Zuker, Charles S.: On the evolution of eyes: would you like it simple or compound? (perspective). p742 5 Aug 1994.
 Zuker, Michael. See Stoltzfus, Arlin.
 Zwier, Timothy S. See Pribble, R. Nathaniel.
 Zydzik, G. J. See Schubert, E. F.
 Zyss, Joseph. See Samuel, Ifor D. W.