

Author Index, Volume 263

January–March 1994

A

Aaboubi, O. See Rondot, S.
 Aaserud, Finn: review of *Center on the Periphery*, edited by Svante Lindqvist with associate editors Marika Hedin and Thomas Kaiserfeld. p1633 18 Mar 1994.
 Abelson, John N. See Saks, Margaret E.
 Abelson, Philip H. (editorials): Need for enhanced nuclear safeguards. p1543 18 Mar 1994. Reflections on the environment. p591 4 Feb 1994. Science in the national interest. p899 18 Feb 1994. Science, technology, and Congress. p1203 4 Mar 1994. U.S. petroleum: past and future. p303 21 Jan 1994.
 Acton, Gary D. and Gordon, Richard G.: Paleomagnetic tests of Pacific plate reconstructions and implications for motion between hotspots. p1246 4 Mar 1994.
 Adam, David P.: review of *The Desert's Past*, by Donald K. Grayson. p1636 18 Mar 1994.
 Adams, Mark D. See Papadopoulos, Nickolas.
 Addadi, Lia. See Hanein, Dorit.
 Afonso, Luis C. C.; Scharton, Tanya M.; Vieira, Leda Q.; Wysocka, Maria; Trinchieri, Giorgio; Scott, Phillip: The adjuvant effect of interleukin-12 in a vaccine against *Leishmania major*. p235 14 Jan 1994.
 A'Hearn, M. F. See Weaver, H. A.
 Albarède, Francis. See Blichert-Toft, Janne.
 Alderton, Janet M. See Steinhardt, Richard A.
 Aldhous, Peter (news): Dispute over company link roils CEPH. p1553 18 Mar 1994. French gene mappers at crossroads. p1552 18 Mar 1994. Généthron: an industrial approach to isolating genes. p1554 18 Mar 1994. A hearty endorsement for aspirin. p24 7 Jan 1994. Italy throws EMBL into turmoil. p315 21 Jan 1994. Molecular biology with a strong southern accent. p913 18 Feb 1994. Paving the road to successful science. p913 18 Feb 1994. (women in science '94): The backbreaking work of scientist-homemakers. p1475 11 Mar 1994. Fighting for day care at the lab. p1475 11 Mar 1994. Leveling the playing field in Stockholm. p1482 11 Mar 1994. Post-unification blues. p1477 11 Mar 1994.
 Allakhverdov, Andrey (news): Battle expands over shrinking budget. p166 14 Jan 1994.
 Allen, Philip G. See Vasconcellos, Carol A.
 Allen, Richard D. See Sturgill-Koszycki, Sheila.
 Alley, R. B. See Mayewski, P. A.
 Allison, Richard F. See Greene, Ann E.
 Alper, Joseph (news): Boning up: newly isolated proteins heal bad breaks. p324 21 Jan 1994.
 Alpert, Peter. See Root, Terry L.
 Als-Nielsen, Jens. See Belrhali, Hassan.
 Altman, Sidney. See Yuan, Yan.
 Alvarez, Ramón A. and Moore, C. Bradley: Quantum yield for production of CH_3NC in the photolysis of CH_3NCS . p205 14 Jan 1994.
 Amsterdamska, Olga: review of *The Research Foundations of Graduate Education*, edited by Burton R. Clark. p543 28 Jan 1994.
 Anderson, Christopher (news): Academy warns against slipping ethics. p747 11 Feb 1994. The aftermath of the Gallo case. p20 7 Jan 1994. Another shakeup at LBL genome center. p464 28 Jan 1994. The coming crunch for space science. p908 18 Feb 1994. DOE finds physics archives

may be too hot to handle. p170 14 Jan 1994. Easy-to-alter digital images raise fears of tampering. p317 21 Jan 1994. How not to publicize a misconduct finding. p1679 25 Mar 1994. LIGO director out in shakeup. p1366 11 Mar 1994. Measuring what works in health care. p1080 25 Feb 1994. National labs under review, again. p748 11 Feb 1994. A new problem: too much money. p1681 25 Mar 1994. NIH drops bid for gene patents. p909 18 Feb 1994. Panel backs pregnant women in trials. p1216 4 Mar 1994. Panel proposes guidelines for industry. p603 4 Feb 1994. (science after the Cold War): Nonproliferation boom gives a lift to the national labs. p627 4 Feb 1994. (letter): Pork barrel funding an embarrassment. p1076 25 Feb 1994. See also Mervis, Jeffrey.
 Anderson, Roy M. See Gupta, Sunetra.
 Andersson, Kjell. See Andersson, Leif.
 Andersson, Leif; Haley, Chris S.; Ellegren, Hans; Knott, Sara A.; Johansson, Maria; Andersson, Kjell; Andersson-Ecklund, Lena; Edfors-Lilja, Inger; Fredholm, Merete; Hansson, Ingemar; Håkansson, Jan; Lunström, Kerstin: Genetic mapping of quantitative trait loci for growth and fatness in pigs. p1771 25 Mar 1994.
 Andersson-Ecklund, Lena. See Andersson, Leif.
 Andreae, Meinrat O. See Manó, Stein.
 Andrews, Richard N. L.: Quality of EPA research (letter). p1670 25 Mar 1994.
 Anisowicz, Anthony. See Zou, Zhiqiang.
 Aoki, K.; Yamawaki, H.; Sakashita, M.; Gotoh, Y.; Takemura, K.: Crystal structure of the high-pressure phase of solid CO_2 . p356 21 Jan 1994.
 Aparicio, Jesus F. See Marsden, Andrew F. A.
 Apostolou, Alex: Is dioxin a human carcinogen? (letter). p14 7 Jan 1994.
 Appenzeller, Tim (news): Biosphere 2 makes a new bid for scientific credibility. p1368 11 Mar 1994. No Eden in biosphere. p1369 11 Mar 1994. Recreating the universe's fateful flaws. p921 18 Feb 1994. (science after the Cold War): A special report. p619 4 Feb 1994.
 Arif, M. See Thewissen, J. G. M.
 Arnold, Bernd. See Ferber, Iris.
 Aronson, Benjamin D.; Johnson, Keith A.; Loros, Jennifer J.; Dunlap, Jay C.: Negative feedback defining a circadian clock: autoregulation of the clock gene frequency. p1578 18 Mar 1994.
 Arpigny, C. See Weaver, H. A.
 Atlas, Daphne and Kupitz, Yuval: Fertilization and ion channels (technical comment). p988 18 Feb 1994.
 Auerbach, Daniel J. See Rettner, Charles T.
 Axelsen, P. H. See Gilson, M. K.
 Ayres, T. See Solanki, S. K.

B

Bacheler, Lee T. See Lam, Patrick Y. S.
 Bachman, Kathy. See Lee, Kuo-Fen.
 Baici, Antonio. See Schmid, Daniel.
 Bailey, Mark E.: Astronomy: of fundamental value (letter). p738 11 Feb 1994.
 Bailyn, Charles: The case of the blue stragglers (perspective). p44 7 Jan 1994.
 Balasubramanian, V. See Banerjee, Asesh.
 Baldwin, Robert L. See Mayo, Stephen L.
 Balter, Michael (news): Letters provoke unintended

response. p461 28 Jan 1994. Researchers nervous about bioethics bill. p463 28 Jan 1994.
 Baltimore, David: Smallpox virus stocks (letter). p13 7 Jan 1994.
 Banerjee, Asesh; Dubnau, Eugenie; Quemard, Annaik; Balasubramanian, V.; Um, Kyung Sun; Wilson, Theresa; Collins, Des; de Lisle, Geoffrey; Jacobs, William R., Jr.: *inhA*, a gene encoding a target for isoniazid and ethionamide in *Mycobacterium tuberculosis*. p227 14 Jan 1994.
 Baraban, Jay M. See Murphy, Timothy H.
 Barbieri, Giovanna. See Lütticken, Claudia. See also Stahl, Neil.
 Barford, David; Flint, Andrew J.; Tonks, Nicholas K.: Crystal structure of human protein tyrosine phosphatase 1B. p1397 11 Mar 1994.
 Barinaga, Marcia (news): Biomedicine: Americans don't get it. p1225 4 Mar 1994. A bold new program at Berkeley runs into trouble. p1367 11 Mar 1994. Cell suicide: by ICE, not fire. p754 11 Feb 1994. How the brain weeds its garden. p1225 4 Mar 1994. Learning by diffusion: nitric oxide may spread memories. p466 28 Jan 1994. (women in science): Surprises across the cultural divide. p1468 11 Mar 1994. (letter): Psychiatry at UCSF. p901 18 Feb 1994.
 Barondes, Samuel H.: Thinking about Prozac (perspective). p1102 25 Feb 1994.
 Barone, Stephen. See Ravishankara, A. R.
 Barr, Philip J. See Cheng, Jianhua.
 Barron, Andrew R. See Jenkins, Phillip P.
 Barrow, Colin J. See Li, Gen.
 Barshick, C. M. See Jin, Changming.
 Bartlein, P. J. See Hostetler, S. W.
 Bassing, Craig H.; Yingling, Jonathan M.; Howe, David J.; Wang, Tongwen; He, Wei Wu; Gustafson, Michael L.; Shah, Pares; Donahoe, Patricia K.; Wang, Xiao-Fan: A transforming growth factor β type I receptor that signals to activate gene expression. p87 7 Jan 1994.
 Bates, G. T. See Hostetler, S. W.
 Battimelli, Giovanni: review of *A Mind Always in Motion*, by Emilio Segrè. p996 18 Feb 1994.
 Baumgärtel, Klaus; Sauer, Konrad; Bogdanov, Alexander: A magnetohydrodynamic model of solar wind interaction with asteroid Gaspra. p653 4 Feb 1994.
 Beer, Randall D.: review of *Intelligent Behavior in Animals and Robots*, by David McFarland and Thomas Bösner. p1781 25 Mar 1994.
 Beijer, Barbro. See Belrhali, Hassan.
 Belitz, Kenneth. See Oreskes, Naomi.
 Belrhali, Hassan; Yaremchuk, Anna; Tukalo, Michael; Larsen, Kjeld; Berthet-Colominas, Carmen; Leberman, Reuben; Beijer, Barbro; Sproat, Brian; Als-Nielsen, Jens; Grübel, Gerhard; Legrand, Jean-François; Lehmann, Mogens; Cusack, Stephen: Crystal structures at 2.5 angstrom resolution of seryl-tRNA synthetase complexed with two analogs of seryl adenylate. p1432 11 Mar 1994.
 Bendelac, Albert; Killeen, Nigel; Littman, Dan R.; Schwartz, Ronald H.: A subset of CD4^+ thymocytes selected by MHC class I molecules. p1774 25 Mar 1994.
 Bender, Kelly C. See Greeley, Ronald.
 Benditt, John (women in science '94): Comparisons across cultures. p1467 11 Mar 1994.

- Bennett, Mark K. See Calakos, Nicole.
- Benoist, Christophe. See Bodmer, Helen.
- Benzer, Seymour. See Zinsmaier, Konrad E.
- Bereano, Philip L.: Shamans and patent lawyers (letter). p1358 11 Mar 1994.
- Berger, Frederic; Taylor, Alison; Brownlee, Colin: Cell fate determination by the cell wall in early *Fucus* development. p1421 11 Mar 1994.
- Berger, Joel and Cunningham, Carol: Active intervention and conservation: Africa's pachyderm problem (policy forum). p1241 4 Mar 1994.
- Berrigan, David; Evans, Jay; Holway, David; Jacobs, Lucia; Richards, Miriam; Seger, Jon: Gene flow or heterozygote advantage? (technical comment). p1157 25 Feb 1994.
- Berta, Annalisa: What is a whale? (perspective). p180 14 Jan 1994.
- Berthet-Colominas, Carmen. See Belrhali, Hassan.
- Bi, Guoqiang. See Steinhardt, Richard A.
- Bignami, Giovanni F.: Geminga and the astronomy of isolated neutron stars (perspective). p46 7 Jan 1994.
- Bilderback, Donald H.; Hoffman, Stephen A.; Thiel, Daniel J.: Nanometer spatial resolution achieved in hard x-ray imaging and Laue diffraction experiments. p201 14 Jan 1994.
- Biou, Valérie; Yaremchuk, Anna; Tukalo, Michael; Cusack, Stephen: The 2.9 Å crystal structure of *T. thermophilus* seryl-tRNA synthetase complexed with tRNA^{Ser}. p1404 11 Mar 1994.
- Bitterman, M. E.: review of *The Neuroscience of Animal Intelligence*, by Euan M. Macphail. p1635 18 Mar 1994.
- Bivens, Lyle W.: ORI and misconduct investigations (letter). p593 4 Feb 1994.
- Blackert, Joseph F. See Tanko, James M.
- Blanchard-Desce, Mireille. See Marder, Seth R.
- Blatter, Lothar A. See Murphy, Timothy H.
- Blichert-Toft, Janne and Albarède, Francis: Short-lived chemical heterogeneities in the Archean mantle with implications for mantle convection. p1593 18 Mar 1994.
- Bloomfield, P. See Mayewski, P. A.
- Bodmer, Helen; Viville, Stéphane; Benoist, Christophe; Mathis, Diane: Diversity of endogenous epitopes bound to MHC class II molecules limited by invariant chain. p1284 4 Mar 1994.
- Bogdanov, Alexander. See Baumgärtel, Klaus.
- Bohm, A. Andrew. See Harrison, Celia J.
- Bond, G. C. See Mayewski, P. A.
- Bongaarts, John: Population policy options in the developing world. p771 11 Feb 1994.
- Borrelli, Emiliana. See Montmayeur, Jean-Pierre.
- Bosland, M. See Kamijo, R.
- Botstein, David. See Ohya, Yoshikazu.
- Bott, Kenneth F.: review of *Bacillus subtilis and Other Gram-Positive Bacteria*, edited by Abraham L. Sonenshein, James A. Hoch, and Richard Losick. p546 28 Jan 1994.
- Boulton, Teri G. See Stahl, Neil.
- Bourdieu, L.; Ronsin, O.; Chatenay, D.: Examining Langmuir-Blodgett films with atomic force microscopy (technical comment). p1158 25 Feb 1994.
- Bourne, Malcolm C.: Memoriae of uranium (letter). p1670 25 Mar 1994.
- Bowick, Mark J.; Chandar, L.; Schiff, E. A.; Srivastava, Ajit M.: The cosmological Kibble mechanism in the laboratory: string formation in liquid crystals. p943 18 Feb 1994.
- Bowman, Charles D.: Accelerator power plants (letter). p14 7 Jan 1994.
- Bowyer, Stuart: Astronomy and the extreme ultraviolet explorer satellite. p55 7 Jan 1994.
- Bradbury, E. Morton. See Shi, Lianfa.
- Bradley, David (news): A game of molecular tennis, anyone? p1222 4 Mar 1994.
- Branda, N.; Wyler, R.; Rebek, J., Jr.: Encapsulation of methane and other small molecules in a self-assembling superstructure. p1267 4 Mar 1994.
- Brauer, Matthew J. See Cheng, Jianhua.
- Braumann, John I.: Materials science (editorial). p1667 25 Mar 1994.
- Brautigan, David L. and Gellert, Martin: Incorporating minorities in science (letter). p593 4 Feb 1994.
- Brédas, J. L.: Molecular geometry and nonlinear optics (perspective). p487 28 Jan 1994.
- Brenner, Michael B. See Rajagopalan, Sumati.
- Brinster, Ralph L. See Rhim, Jonathan A.
- Britten, Kenneth H. See Zohary, Ehud.
- Brooks, Anne; Lithgow, Gordon J.; Johnson, Thomas E.: Mortality rates in a genetically heterogeneous population of *Caenorhabditis elegans*. p668 4 Feb 1994.
- Broström, L. See Sundström, G.
- Brown, H. R.: Chain pullout and mobility effects in friction and lubrication. p1411 11 Mar 1994.
- Brown, James H.: review of *Species Diversity in Ecological Communities*, edited by Robert E. Ricklefs and Dolph Schluter. p995 18 Feb 1994.
- Brown, R. A. See Weaver, H. A.
- Brown, S. See Dixon, R. K.
- Brownlee, Colin. See Berger, Frederic.
- Bruening, George. See Falk, Bryce W.
- Buchholz, Herwig A. See Olah, George A.
- Buchner, Erich. See Zinsmaier, Konrad E.
- Bunnett, Joseph F.: Research on chemical demilitarization (letter). p1205 4 Mar 1994.
- Burch, J. David. See Risch, Harvey A.
- Burhans, William C. and Huberman, Joel A.: DNA replication origins in animal cells: a question of context? (perspective). p639 4 Feb 1994.
- Burke, Maria (news): Phosphorus fingered as coral killer. p1086 25 Feb 1994.
- Busch, Lisa (news): A glimmer of hope for coastal migration. p1088 25 Feb 1994.
- Buschmann, Jan. See Lütticken, Claudia.

C

- Caffrey, Patrick. See Marsden, Andrew F. A.
- Cahen, David. See Haran, Avner.
- Cahn, Robert N.; Jackson, J. David; Quigg, Chris: Truth in Super Collider criticism (letter). p902 18 Feb 1994.
- Cai, Hongda. See Lawn, Brian R.
- Calakos, Nicole; Bennett, Mark K.; Peterson, Karen E.; Scheller, Richard H.: Protein-protein interactions contributing to the specificity of intracellular vesicular trafficking. p1146 25 Feb 1994.
- Cambier, John C. See Pleiman, Christopher M.
- Cameron, Thomas: Incorporating minorities in science (letter). p595 4 Feb 1994.
- Cane, David E.: Polyketide biosynthesis: molecular recognition or genetic programming? (perspective). p338 21 Jan 1994.
- Cannella, Barbara. See Critchfield, Jeffrey M.
- Carnahan, Josette. See Ghosh, Anirvan.
- Caro, T. M. and Laurenson, M. Karen: Ecological and genetic factors in conservation: a cautionary tale (policy forum). p485 28 Jan 1994.
- Carr, Stuart W. See Herreros, Bruno.
- Carter, Kenneth C. See Papadopoulos, Nickolas.
- Cartmill, Matt: review of *Visions of Caliban*, by Dale Peterson and Jane Goodall. p252 14 Jan 1994.
- Cassidy, David: review of *The Private Lives of Albert Einstein*, by Roger Highfield and Paul Carter. p997 18 Feb 1994.
- Cazaux, J. See Rondot, S.
- Cedergren, Robert. See Yang, Jing-Hua.
- Celebrini, Simona. See Zohary, Ehud.
- Chakraborty, Prasanta. See Sturgill-Koszycki, Sheila.
- Chalfie, Martin; Tu, Yuan; Euskirchen, Ghia; Ward, William W.; Prasher, Douglas C.: Green fluorescent protein as a marker for gene expression. p802 11 Feb 1994.
- Chan, Andrew C. See Iwashima, Makio.
- Chandar, L. See Bowick, Mark J.
- Chandler, David W.: Theory, experiment, and the H + D₂ reaction (technical comment). p102 7 Jan 1994.
- Chandler, David. See Gehlen, John N.
- Chang, Chong-Hwan. See Lam, Patrick Y. S.
- Charles, C. D.; Rind, D.; Jouzel, J.; Koster, R. D.; Fairbanks, R. G.: Glacial-interglacial changes in moisture sources for Greenland: influences on the ice core record of climate. p508 28 Jan 1994.
- Chatenay, D. See Bourdieu, L.
- Chen, C. H. See Zhou, O.
- Chen, Hen. See Guo, Yajun.
- Chen, Jianghao and Iyengar, Ravi: Suppression of Ras-induced transformation of NIH 3T3 cells by activated Gα_s. p1278 4 Mar 1994.
- Chen, Peter. See Lee, Szetsen Steven.
- Cheng, Jianhua; Zhou, Tong; Liu, Changdan; Shapiro, John P.; Brauer, Matthew J.; Kiefer, Michael C.; Barr, Philip J.; Mountz, John D.: Protection from Fas-mediated apoptosis by a soluble form of the Fas molecule. p1759 25 Mar 1994.
- Cheng, Lap-Tak. See Marder, Seth R.
- Chopart, J. P. See Rondot, S.
- Christen, Philipp. See Schmid, Daniel.
- Christides, Christos. See Prassides, Kosmas.
- Cicerone, Ralph J.: Fires, atmospheric chemistry, and the ozone layer (perspective). p1243 4 Mar 1994.
- Cipra, Barry (news): A compact model heads for the data highway. p614 4 Feb 1994. A do-it-yourself Fermat proof. p615 4 Feb 1994. A game of darts and a drunkard's stagger. p614 4 Feb 1994. The little theorem that could—doesn't. p615 4 Feb 1994.
- Clark, Bunny C. See Dresselhaus, Mildred S.
- Cleasby, Anne. See Lovejoy, Brett.
- Clémont, René. See Lacroix, Pascal G.
- Clery, Daniel (news): First stop on the neutrino roadshow: CERN. p917 18 Feb 1994. (materials science): After years in the dark, electric plastic finally shines. p1700 25 Mar 1994. Switching on plastic transistors. p1701 25 Mar 1994.
- Clore, G. Marius. See Gronenborn, Angela M.
- Clore, G. Marius. See Lodi, Patricia J.
- Cockcroft, J. K. See Vogt, T.
- Cockcroft, Shamshad; Thomas, Geraint M. H.; Fensome, Amanda; Geny, Blandine; Cunningham, Emer; Gout, Ivan; Hiles, Ian; Totty, Nicholas F.; Truong, Oanh; Hsuan, J. Justin: Phospholipase D: a downstream effector of ARF in granulocytes. p523 28 Jan 1994.
- Cohen, Carolyn and Parry, David A. D.: α-Helical coiled coils: more facts and better predictions (perspective). p488 28 Jan 1994.
- Cohen, Jon (news): California's disposal plan goes nowhere fast. p912 18 Feb 1994. Concerns raised in AIDS trials. p1227 4 Mar 1994. Flood flexes its muscles. p1226 4 Mar 1994. 'Long PCR' leaps into larger DNA sequences. p1564 18 Mar 1994. Losing friends and influencing policy. p1084 25 Feb 1994. New AIDS chief takes charge. p1364 11 Mar 1994. New fight over fetal tissue grafts. p600 4 Feb 1994. Peer review triumphs over lobbying. p463 28 Jan 1994. Report calls for smaller clinical center. p1678 25 Mar 1994. Science editor to resign. p1084 25 Feb 1994. Using discretion, OAR style. p1365 11 Mar 1994. Will molecular data set the stage for a synthesis? p758 11 Feb 1994.
- Cohen, Lawrence B. See Wu, Jian-young.
- Cohen-Doyle, Myrna F. See Jackson, Michael R.
- Coleman, Drew S. and Walker, J. Douglas: Modes of tilting during extensional core complex development. p215 14 Jan 1994.
- Collins, Des. See Banerjee, Aresh.
- Collins, Helen L. See Sturgill-Koszycki, Sheila.
- Compton, R. N. See Jin, Changming.
- Comte, Diana and Suárez, Gerardo: An inverted double seismic zone in Chile: evidence of phase transformation in the subducted slab. p212 14 Jan 1994.
- Conkling, Mark A. See Opperman, Charles H.
- Cooper, Raymond. See Li, Gen.

Coplen, Tyler B.; Winograd, Isaac J.; Landwehr, Jurate M.; Riggs, Alan C.: 500,000-year stable carbon isotopic record from Devils Hole, Nevada. p361 21 Jan 1994.

Corder, E. H. See Pericak-Vance, M. A.

Corvera, Silvia. See Joly, Marguerite.

Cosson, Pierre and Letourneur, François: Coatomer interaction with di-lysine endoplasmic reticulum retention motifs. p1629 18 Mar 1994.

Craig, Ian W.: review of *Travelling Around the Human Genome*, by Bertrand Jordan, and review of *Voyage Autour du Génome*, by Bertrand Jordan. p1299 4 Mar 1994.

Crease, Robert P. (news): The window of opportunity is closing fast at CERN. p1214 4 Mar 1994.

Critchfield, Jeffrey M.; Racke, Michael K.; Zúñiga-Pflücker, Juan Carlos; Cannella, Barbara; Raine, Cedric S.; Goverman, Joan; Lenardo, Michael J.: T cell deletion in high antigen dose therapy of autoimmune encephalomyelitis. p1139 25 Feb 1994.

Crooks, Richard M.: review of *Bad Science*, by Gary Taubes. p105 7 Jan 1994.

Cross, Frederick R. and Levine, Kristi: review of *The Cell Cycle*, by Andrew Murray and Tim Hunt. p1164 25 Feb 1994.

Cross, M. C. and Hohenberg, P. C.: Spatiotemporal chaos (perspective). p1569 18 Mar 1994.

Culotta, Elizabeth (news): Is marine biodiversity at risk? p918 18 Feb 1994.

Cunningham, Carol. See Berger, Joel.

Cunningham, Emer. See Cockcroft, Shamshad.

Curtis, G. H. See Swisher, C. C., III.

Cusack, Stephen. See Belrhali, Hassan. See also Biou, Valérie.

D

Damsté, J. S. Sinninghe. See Schoell, M.

Danared, H. See Sundström, G.

Dang, Tam. See Gottesfeld, Joel M.

da Silva, Pedro Pinto. See Tsarfaty, Ilan.

Datz, S. See Sundström, G.

Davies, R. D.: review of *Beyond Southern Skies*, by Peter Robertson. p403 21 Jan 1994.

Davis, Sam. See Stahl, Neil.

Dawson, Ted M. See Zhang, Jie.

Dawson, Valina L. See Zhang, Jie.

Day, Karen P. See Gupta, Sunetra.

De Baetselier, Patrick. See Lucas, Rudolf.

de Belle, J. Steven and Heisenberg, Martin: Associative odor learning in *Drosophila* abolished by chemical ablation of mushroom bodies. p692 4 Feb 1994.

de la Chapelle, Albert. See Papadopoulos, Nickolas.

de Leeuw, J. W. See Schoell, M.

De Leys, Robert. See Lucas, Rudolf.

de Lisle, Geoffrey. See Banerjee, Aresh.

De Robertis, Eddy M. See Niehrs, Christof.

DeBakey, Michael E.: Health care costs (letter). p157 14 Jan 1994.

Deckert, Gordon H.: Health care costs (letter). p157 14 Jan 1994.

Degen, Jay L. See Rhim, Jonathan A.

DeLong, Edward F.: review of *Antarctic Microbiology*, edited by E. Imre Friedmann and Anne B. Thistle. p401 21 Jan 1994.

Demirel, A. Levent. See Reiter, Günter.

Dem'yanenko, A. V. See Jin, Changming.

Desimone, Robert. See Miller, Earl K.

Dickerson, Richard E. See Feng, Jin-An.

Digonnet, C. See Faure, J.-E.

Dittmer, Kristopher G. See Morris, Stephan W.

Dixon, R. K.; Brown, S.; Houghton, R. A.; Solomon, A. M.; Trexler, M. C.; Wisniewski, J.: Carbon pools and flux of global forest ecosystems. p185 14 Jan 1994.

D'Mello, M. J.; Manolopoulos, D. E.; Wyatt, R. E.: Theory, experiment, and the H + D₂ reaction (technical comment). p102 7 Jan 1994.

Doherty, Peter and Fowler, Tony: An empirical test of recruitment limitation in a coral reef fish. p935 18 Feb 1994.

Dohmen, R. Jürgen; Wu, Peipei; Varshavsky, Alexander: Heat-inducible degenon: a method for constructing temperature-sensitive mutants. p1273 4 Mar 1994.

Donahoe, Patricia K. See Bassing, Craig H.

Dorozynski, Alexander (news): A family tree of European bears. p175 14 Jan 1994.

Drazen, Jeffrey M. See Vasconcellos, Carol A.

Dresselhaus, Mildred S.; Franz, Judy R.; Clark, Bunny C.: Interventions to increase the participation of women in physics (policy forum). p1392 11 Mar 1994.

Drewry, David. See Lovejoy, Brett.

Drews, A. R. See Skelton, E. F.

Drexler, Hannes C. A. See Gagliardini, Valeria.

Drory, M. D. and Hutchinson, J. W.: Diamond coating of titanium alloys. p1753 25 Mar 1994.

Drouin, Régen. See Gao, Shuwei.

Dubnau, Eugénie. See Banerjee, Aresh.

Ducharme, Stephen. See Liphardt, Martin.

Duffy, Thomas S.; Vos, Willem L.; Zha, Changsheng; Hemley, Russell J.; Mao, Ho-kwang: Sound velocities in dense hydrogen and the interior of Jupiter. p1590 18 Mar 1994.

Dumas, C. See Faure, J.-E.

Dunlap, Jay C. See Aronson, Benjamin D.

E

Ebbesen, Thomas W. See Prassides, Kosmas.

Eberle, Kai K. See Zinsmaier, Konrad E.

Edery, Isaac; Rutila, Joan E.; Rosbash, Michael: Phase shifting of the circadian clock by induction of the *Drosophila* period protein. p237 14 Jan 1994.

Edfors-Lilja, Inger. See Andersson, Leif.

Edwards, R. Lawrence. See Gallup, Christina D.

Eldridge, B. F. See Fulhorst, C. F.

Ellegren, Hans. See Andersson, Leif.

Engels, William R.; Preston, Christine R.; Johnson-Schlitz, Dena M.: Long-range cis preference in DNA homology search over the length of a *Drosophila* chromosome. p1623 18 Mar 1994.

Enquist, Lynn W. See Standish, Amelia.

Erickson-Viitanen, Susan. See Lam, Patrick Y. S.

Eshraghi, Jamshid. See Li, Gen.

Euskirchen, Ghia. See Chalfie, Martin.

Evans, Jay. See Berrigan, David.

Eyermann, Charles J. See Lam, Patrick Y. S.

F

Faerman, C. H. See Gilson, M. K.

Fairbanks, Richard G. See Charles, C. D. See also Guilderson, Thomas P.

Falk, Bryce W. and Bruening, George: Will transgenic crops generate new viruses and new diseases? (perspective). p1395 11 Mar 1994.

Falk, Chun Xiao. See Wu, Jian-young.

Falkow, Stanley. See Small, Pamela L. C.

Farruggella, Thomas. See Stahl, Neil.

Faure, J.-E.; Digonnet, C.; Dumas, C.: An in vitro system for adhesion and fusion of maize gametes. p1598 18 Mar 1994.

Fay, Fredric S. See Joly, Marguerite.

Feldman, P. D. See Weaver, H. A.

Felten, David L.: Cell transplantation and research design (letter). p1546 18 Mar 1994.

Feng, Jin-An; Johnson, Reid C.; Dickerson, Richard E.: Hin recombinase bound to DNA: the origin of specificity in major and minor groove interactions. p348 21 Jan 1994.

Fensome, Amanda. See Cockcroft, Shamshad.

Ferber, Iris; Schönnrich, Günther; Schenkel, Johannes; Mellor, Andrew L.; Hämmerling, Günter J.; Arnold, Bernd: Levels of peripheral T cell tolerance induced by different doses of tolerogen. p674 4 Feb 1994.

Ferguson, James E. See Nuccitelli, Richard.

Fernandez, Pierre-Alain. See Gagliardini, Valeria.

Fetters, Lewis J. See Yerushalmi-Rozen, Rachel.

Fetz, E. E. and Shupe, L. E.: Measuring synaptic interactions (technical comments). p1295 4 Mar 1994.

Filevich, A. See Sundström, G.

Fill, Michael. See Györke, Sandor.

Finelli, Alyce L. See Xie, Ting.

Fink, Jonathan: review of *Volcanoes*, by Peter Francis. p402 21 Jan 1994.

Finkbeiner, Ann (news): A scheme for a high-flying scope. p167 14 Jan 1994.

Fischer, Claude S.: review of *The Biophilia Hypothesis*, edited by Stephen R. Kellert and Edward O. Wilson. p1161 25 Feb 1994.

Fischer, G. M.; Mayer, B.; Gross, R.; Nissel, T.; Husemann, K.-D.; Huebener, R. P.; Freltoft, T.; Shen, Y.; Vase, P.: Spatially resolved observation of static magnetic flux states in YBa₂Cu₃O_{7-δ} grain boundary Josephson junctions. p1112 25 Feb 1994.

Fischer, Walter E. See Takeda, Yasushi.

Fishman, Mark C. See Gagliardini, Valeria.

Fitch, A. N. See Vogt, T.

Flam, Faye (news): Beam me up to the new physics! p916 18 Feb 1994. The calculated approach to protein folding. p1563 18 Mar 1994. The message from CERN: help wanted. p749 11 Feb 1994. Molecular imprints make a mark. p1221 4 Mar 1994. Molecule makers learn the rules of a crooked game. p1563 18 Mar 1994. New images highlight Hubble fix. p323 21 Jan 1994. Physicists struggle for consensus about the future. p749 11 Feb 1994. Quantum baseball with lasers. p1226 4 Mar 1994. Race to synthesize taxol ends in a tie. p911 18 Feb 1994. (science after the Cold War): Ex-defense scientists come in from the cold. p623 4 Feb 1994. (women in science '94): Warm climate for women in the Mediterranean. p1480 11 Mar 1994.

Flanagan, Peter M. See Li, Yang.

Fleischer, R. L.: Superconductor radiation damage after doping (letter). p1548 18 Mar 1994.

Fleischhauer, Michael. See Scully, Marlan O.

Fleischmann, Robert D. See Papadopoulos, Nickolas.

Fleming, R. M. See Zhou, O.

Flint, Andrew J. See Barford, David.

Fok, Agnes K. See Sturgill-Koszycki, Sheila.

Forbes, Douglass J. See Gottesfeld, Joel M.

Forster, Robert E., II: review of *Oxygen Transport in Biological Systems*, edited by S. Egginton and H. F. Ross. p998 18 Feb 1994.

Fowler, Tony. See Doherty, Peter.

Fransen, Lucie. See Lucas, Rudolf.

Franz, Judy R. See Dresselhaus, Mildred S.

Fraser, Claire M. See Papadopoulos, Nickolas.

Fraser, Scott E. See Jacobs, Russell E.

Fréchet, Jean M. J.: Functional polymers and dendrimers: reactivity, molecular architecture, and interfacial energy. p1710 25 Mar 1994.

Fredholm, Merete. See Andersson, Leif.

Freltoft, T. See Fischer, G. M.

Friedlander, Michael J. See Montague, P. Read.

Friedli, Andrienne C. See Marder, Seth R.

Fryer, M. W. See Lamb, G. D.

Fulginiti, Vincent A. See Krugman, Richard D.

Fulhorst, C. F.; Hardy, J. L.; Eldridge, B. F.; Presser, S. B.; Reeves, W. C.: Natural vertical transmission of western equine encephalomyelitis virus in mosquitoes. p676 4 Feb 1994.

Furukawa, Yoshitsugu. See Iidaka, Takashi.

G

Gagliardini, Valeria; Fernandez, Pierre-Alain; Lee, Robert K. K.; Drexler, Hannes C. A.; Rotello, Rocco J.; Fishman, Mark C.; Yuan, Junying: Prevention of vertebrate neuronal death by the *crmA* gene. p826 11 Feb 1994.

- Gallagher, Richard B. See O'Neill, Luke.
- Gallup, Christina D.; Edwards, R. Lawrence; Johnson, Robert G.: The timing of high sea levels over the past 200,000 years. p796 11 Feb 1994.
- Gancayco, Carolyn D. See Montague, P. Read.
- Gao, Shuwei; Drouin, Régén; Holmquist, Gerald P.: DNA repair rates mapped along the human *PGK1* gene at nucleotide resolution. p1438 11 Mar 1994.
- Garnaes, J. See Zasadzinski, J. A.
- Garrett, Daniel S. See Lodi, Patricia J.
- Gaskill, P. C. See Pericak-Vance, M. A.
- Geary, David C. and Siegler, Robert S.: Mathematical development and language (letter). p903 18 Feb 1994.
- Gehlen, John N.; Marchi, Massimo; Chandler, David: Dynamics affecting the primary charge transfer in photosynthesis. p499 28 Jan 1994.
- Gehring, Heinz. See Schmid, Daniel.
- Geiger, Benjamin. See Hanein, Dorit.
- Gellert, Martin. See Brautigan, David L.
- Gentry, A. H. See Phillips, O. L.
- Geny, Blandine. See Cockcroft, Shamshad.
- Georgiev, Oleg. See Gerber, Hans-Peter.
- Georgopoulos, A. P.; Taira, M.; Lukashin, A. V.: Measuring synaptic interactions (technical comments). p1296 4 Mar 1994.
- Gerber, Hans-Peter; Seipel, Katja; Georgiev, Oleg; Höfferer, Manuela; Hug, Martin; Rusconi, Sandro; Schaffner, Walter: Transcriptional activation modulated by homopolymeric glutamine and proline stretches. p808 11 Feb 1994.
- Gercitano, J. See Kamijo, R.
- Getty, A. G. See Swisher, C. C., III.
- Ghosh, Anirvan; Carnahan, Josette; Greenberg, Michael E.: Requirement for BDNF in activity-dependent survival of cortical neurons. p1618 18 Mar 1994.
- Gibbon, Bryan C. and Kropf, Darryl L.: Cytosolic pH gradients associated with tip growth. p1419 11 Mar 1994.
- Gibbons, Ann (news): Genes point to a new identity for Pacific pioneers. p32 7 Jan 1994. Rewriting—and redating—prehistory. p1087 25 Feb 1994. (letter): Is dioxin a human carcinogen? p14 7 Jan 1994.
- Gill, Stanley C. See Jenison, Robert D.
- Gillin, Frances. See Jansson, Åslög.
- Gilson, M. K.; Straatsma, T. P.; McCammon, J. A.; Ripoll, D. R.; Faerman, C. H.; Axelsen, P. H.; Silman, I.; Sussman, J. L.: Open "back door" in a molecular dynamics simulation of acetylcholinesterase. p1276 4 Mar 1994.
- Giorgi, F. See Hostetler, S. W.
- Glantz, James (news): Another way to light a fire. p757 11 Feb 1994. Researchers try to build time machines for microwaves. p321 21 Jan 1994. Solar physicists peer into a mysterious furnace. p756 11 Feb 1994.
- Glurum, S. H. See Zhou, O.
- Gluck, Stephen L. See Sturgill-Koszycki, Sheila.
- Golay, Matthew W.: Quality of EPA research (letter). p1669 25 Mar 1994.
- Goldstein, Sheldon: review of *The Quantum Theory of Motion*, by Peter R. Holland. p254 14 Jan 1994.
- Good, Gregory A.: review of *Pauper and Prince*, by Donald E. Osterbrock. p106 7 Jan 1994.
- Gooneseckera, Arosha. See Liphardt, Martin.
- Gordon, Richard G. See Acton, Gary D.
- Gotoh, Y. See Aoki, K.
- Gottesfeld, Joel M.; Wolf, Veronica J.; Dang, Tam; Forbes, Douglass J.; Hartl, Philippe: Mitotic repression of RNA polymerase III transcription in vitro mediated by phosphorylation of a TFIIB component. p81 7 Jan 1994.
- Gout, Ivan. See Cockcroft, Shamshad.
- Goverman, Joan. See Critchfield, Jeffrey M.
- Gow, A. J. See Mayewski, P. A.
- Grafman, Jordan. See Pascual-Leone, Alvaro.
- Granick, Steve. See Reiter, Günter.
- Greeley, Ronald; Schubert, Gerald; Limonadi, Daniel; Bender, Kelly C.; Newman, William I.; Thomas, Peggy E.; Weitz, Catherine M.; Wall, Stephen D.: Wind streaks on Venus: clues to atmospheric circulation. p358 21 Jan 1994.
- Green, S. J. See Kamijo, R.
- Greenberg, Arnold H. See Shi, Lianfa.
- Greenberg, Michael E. See Ghosh, Anirvan.
- Greene, Ann E. and Allison, Richard F.: Recombination between viral RNA and transgenic plant transcripts. p1423 11 Mar 1994.
- Greene, R. L. See Skelton, E. F.
- Greene, Robert W. See Rainnie, Donald G.
- Gref, Ruxandra; Minamitake, Yoshiharu; Peracchia, Maria Teresa; Trubetskoy, Vladimir; Torchilin, Vladimir; Langer, Robert: Biodegradable long-circulating polymeric nanospheres. p1600 18 Mar 1994.
- Grissom, Charles B. See Harkins, Timothy T.
- Groisman, Pavel Ya.; Karl, Thomas R.; Knight, Richard W.: Observed impact of snow cover on the heat balance and the rise of continental spring temperatures. p198 14 Jan 1994.
- Gronenborn, Angela M. See Lodi, Patricia J. ——— and Clore, G. Marius: Experimental support for the "hydrophobic zipper" hypothesis (technical comment). p536 28 Jan 1994.
- Grootes, P. M. See Mayewski, P. A.
- Gross, R. See Fischer, G. M.
- Grübel, Gerhard. See Belrhali, Hassan.
- Grunze, Heinz C. R. See Rainnie, Donald G.
- Guiberteau, Fernando. See Lawn, Brian R.
- Guilderson, Thomas P.; Fairbanks, Richard G.; Rubenstone, James L.: Tropical temperature variations since 20,000 years ago: modulating inter-hemispheric climate change. p663 4 Feb 1994.
- Gundersen, Cameron B. See Mastrogiamaco, Alessandro.
- Guo, Yajun; Wu, Mengchao; Chen, Hen; Wang, Xiaoning; Liu, Guanglu; Li, Guanglo; Ma, Jing; Sy, Man-Sun: Effective tumor vaccine generated by fusion of hepatoma cells with activated B cells. p518 28 Jan 1994.
- Gupta, A. See Tsuei, C. C.
- Gupta, Sunetra; Trenholme, Katharine; Anderson, Roy M.; Day, Karen P.: Antigenic diversity and the transmission dynamics of *Plasmodium falciparum*. p961 18 Feb 1994.
- Gustafson, Michael L. See Bassing, Craig H.
- Gütlisch, Markus. See Schallreuter, Karin U.
- Györke, Sandor and Fill, Michael: Ca^{2+} -induced Ca^{2+} release in response to flash photolysis (technical comment). p986 18 Feb 1994.

H

- Haas, Duncan A. See Robinson, Bruce H.
- Haas, Robert: Trot and pace (letter). p306 21 Jan 1994.
- Haddix, Pryce L. See Sturgill-Koszycki, Sheila.
- Haddon, R. C. See Zhou, O.
- Hagblom, Per. See Jansson, Åslög.
- Haines, J. L. See Pericak-Vance, M. A.
- Håkansson, Jan. See Andersson, Leif.
- Haley, Chris S. See Andersson, Leif.
- Hall, Stephen S. (news): IL-12 holds promise against cancer, glimmer of AIDS hope. p1685 25 Mar 1994.
- Hallett, Mark. See Pascual-Leone, Alvaro.
- Hamilton, Stanley R. See Papadopoulos, Nickolas.
- Hämmerling, Günter J. See Ferber, Iris.
- Hanein, Dorit; Geiger, Benjamin; Addadi, Lia: Differential adhesion of cells to enantiomorphous crystal surfaces. p1413 11 Mar 1994.
- Hanson, Brooks. See Koshland, Daniel E., Jr.
- Hanson, Carl V. See Kiprov, Dobri D.
- Hansson, Ingemar. See Andersson, Leif.
- Hansson, Vidar. See Skålhegg, Bjørn S.
- Harada, H. See Kamijo, R.
- Haran, Avner; Waldeck, David H.; Naaman, Ron; Moons, Ellen; Cahen, David: The dependence of electron transfer efficiency on the conformational order in organic monolayers. p948 18 Feb 1994.
- Hardy, J. L. See Fulhorst, C. F.
- Hardy, John: ApoE, amyloid, and Alzheimer's disease (letter). p454 28 Jan 1994.
- Harkins, Timothy T. and Grissom, Charles B.: Magnetic field effects on B_{12} ethanamine ammonia lyase: evidence for a radical mechanism. p958 18 Feb 1994.
- Harpur, Ailsa G. See Lütticken, Claudia.
- Harrison, Celia J.; Bohm, A. Andrew; Nelson, Hillary C. M.: Crystal structure of the DNA binding domain of the heat shock transcription factor. p224 14 Jan 1994.
- Harrison, Walter: Michigan support for faculty member (letter). p306 21 Jan 1994.
- Hartl, Philippe. See Gottesfeld, Joel M.
- Hartmann, Dieter H.: Taking stock of gamma ray bursts (perspective). p47 7 Jan 1994.
- Haseltine, William A. See Papadopoulos, Nickolas.
- Hassell, Anne M. See Lovejoy, Brett.
- Hasselmo, Nils: Minnesota drug sales (letter). p453 28 Jan 1994.
- Hastings, Alan and Higgins, Kevin: Persistence of transients in spatially structured ecological models. p1133 25 Feb 1994.
- Haufler, R. E. See Jin, Changming.
- Hawkins, Edward F.: Good songs (letter). p308 21 Jan 1994.
- Haynes, Matthew R.; Stura, Enrico A.; Hilvert, Donald; Wilson, Ian A.: Routes to catalysis: structure of a catalytic antibody and comparison with its natural counterpart. p466 4 Feb 1994.
- He, Wei Wu. See Bassing, Craig H.
- Hedrick, Phil: review of *The Natural History of Inbreeding and Outbreeding*, edited by Nancy Wilmsen Thornhill. p107 7 Jan 1994.
- Heinrich, Peter C. See Lütticken, Claudia.
- Heisenberg, Martin. See de Belle, J. Steven.
- Helin, E. F. See Weaver, H. A.
- Hemley, Russell J. See Duffy, Thomas S.
- Hendrix, Mary J. C. See Zou, Zhiqiang.
- Herreros, Bruno; Carr, Stuart W.; Klinowski, Jacek: 5-coordinate Si compounds as intermediates in the synthesis of silicates in nonaqueous media. p1585 18 Mar 1994.
- Herskowitz, Ira. See Kaffman, Arie.
- Hertz, W. Marc. See Pleiman, Christopher M.
- Hervig, Richard L. See Jamtveit, Bjørn.
- Herzog, Harold: Animal rights and radical politics (letter). p1074 25 Feb 1994.
- Hettich, R. L. See Jin, Changming.
- Heuser, John. See Sturgill-Koszycki, Sheila.
- Higgins, Kevin. See Hastings, Alan.
- Higuchi, Masaya. See Kondo, Motonari.
- Hiles, Ian. See Cockcroft, Shamshad.
- Hilgemann, Donald W.: Channel-like function of the Na,K pump probed at microsecond resolution in giant membrane patches. p1429 11 Mar 1994.
- Hillier, Andrew C. and Ward, Michael D.: Atomic force microscopy of the electrochemical nucleation and growth of molecular crystals. p1261 4 Mar 1994.
- Hilvert, Donald. See Haynes, Matthew R.
- Hirosawa, Ichiro. See Prassides, Kosmas.
- Hitzemann, Karen. See Schallreuter, Karin U.
- Hiyagon, Hajime: Retention of solar helium and neon in IDPs in deep sea sediment. p1257 4 Mar 1994.
- Hobbs, Peter V.: Basic research and weather prediction (letter). p15 7 Jan 1994.
- Hodge, C. Nicholas. See Lam, Patrick Y. S.
- Höfferer, Manuela. See Gerber, Hans-Peter.
- Hoffman, James E.: review of *Selective Attention in Vision*, by A. H. C. Van der Heijden. p1780 25 Mar 1994.
- Hoffman, Stephen A. See Bilderback, Donald H.
- Hohenberg, P. C. See Cross, M. C.
- Hollinger, David A.: review of *Science and Anti-Science*, by Gerald Holton. p252 14 Jan 1994.
- Holmquist, Gerald P. See Gao, Shuwei.
- Holowaty, Eric J. See Risch, Harvey A.

Holway, David. *See* Berrigan, David.
 Hopfield, J. J.: review of *The Astonishing Hypothesis*, by Francis Crick. p696 4 Feb 1994.
 Horn, Friedemann. *See* Lütticken, Claudia.
 Horodyski, Robert J. and Knauth, L. Paul: Life on land in the Precambrian. p494 28 Jan 1994.
 Hostetler, S. W.; Giorgi, F.; Bates, G. T.; Bartlein, P. J.: Lake-atmosphere feedbacks associated with paleolakes Bonneville and Lahontan. p665 4 Feb 1994.
 Houghton, R. A. *See* Dixon, R. K.
 Howard, Carleton J. *See* Ravishankara, A. R.
 Howe, David J. *See* Bassing, Craig H.
 Howe, Geoffrey R. *See* Risch, Harvey A.
 Hoyte, Robert M.: Incorporating minorities in science (letter). p594 4 Feb 1994.
 Hsuan, J. Justin. *See* Cockcroft, Shamshad.
 Hu, J. Z. *See* Skelton, E. F.
 Huber, C. A.; Huber, T. E.; Sadoqi, M.; Lubin, J. A.; Manalis, S.; Prater, C. B.: Nanowire array composites. p800 11 Feb 1994.
 Huber, T. E. *See* Huber, C. A.
 Huberman, Joel A. *See* Burhans, William C.
 Hudson, R. Scott and Ostro, Steven J.: Shape of asteroid 4769 Castalia (1989 PB) from inversion of radar images. p940 18 Feb 1994.
 Huebener, R. P. *See* Fischer, G. M.
 Hug, Martin. *See* Gerber, Hans-Peter.
 Huitfeldt, Henrik S. *See* Skålhegg, Bjørn S.
 Hull, David L.: Not Huxley's student (letter). p307 21 Jan 1994.
 Husemann, K.-D. *See* Fischer, G. M.
 Hussain, S. T. *See* Thewissen, J. G. M.
 Hutchinson, J. W. *See* Drory, M. D.
 Hynd, George W.: review of *Dyslexia and Development*, edited by Albert M. Galaburda. p841 11 Feb 1994.

I

Iglesias, Carlos A. *See* Rogers, Forrest J.
 Ihle, James N. *See* Stahl, Neil.
 Iidaka, Takashi and Furukawa, Yoshitsugu: Double seismic zone for deep earthquakes in the Izu-Bonin subduction zone. p1116 25 Feb 1994.
 Inside AAAS: AAAS fellow nominations. p551 28 Jan 1994. Collaborating to meet the needs of researchers in Africa. p1785 25 Mar 1994. Making a mark at EPA. p551 28 Jan 1994. New publications. p551 28 Jan 1994. Peer review: a good model? p549 28 Jan 1994. Program to link biology and chemistry. p551 28 Jan 1994. R&D funding outlook for 1994. p550 28 Jan 1994. A scientist for the 21st century. p549 28 Jan 1994. Sculptures in the sky. p550 28 Jan 1994.
 Ip, Nancy Y. *See* Stahl, Neil.
 Irving, Bryan A. *See* Iwashima, Makio.
 Ise, Norio. *See* Ito, Kensaku.
 Ishibashi, Tadashi. *See* Sasaki, Yuji C.
 Ito, Kensaku; Yoshida, Hiroshi; Ise, Norio: Void structure in colloidal dispersions. p66 7 Jan 1994.
 Iwashima, Makio; Irving, Bryan A.; van Oers, Nicolai S. C.; Chan, Andrew C.; Weiss, Arthur: Sequential interactions of the TCR with two distinct cytoplasmic tyrosine kinases. p1136 25 Feb 1994.
 Iyengar, Ravi. *See* Chen, Jianghao.

J

Jackson, David A. *See* Lam, Patrick Y. S.
 Jackson, J. David. *See* Cahn, Robert N.
 Jackson, Michael R.; Cohen-Doyle, Myrna F.; Peterson, Per A.; Williams, David B.: Regulation of MHC class I transport by the molecular chaperone, calnexin (p88, IP90). p384 21 Jan 1994.
 Jacob, T. *See* Swisher, C. C., III.
 Jacobs, Lucia. *See* Berrigan, David.
 Jacobs, Russell E. and Fraser, Scott E.: Magnetic resonance microscopy of embryonic cell lineages and movements. p681 4 Feb 1994.

Jacobs, William R., Jr. *See* Banerjee, Asesh.
 Jadhav, Prabhakar K. *See* Lam, Patrick Y. S.
 Jaenisch, Rudolf. *See* Lee, Kuo-Fen.
 Jahnsen, Tore. *See* Skålhegg, Bjørn S.
 Jain, Meera. *See* Risch, Harvey A.
 Jamtveit, Bjørn and Hervig, Richard L.: Constraints on transport and kinetics in hydrothermal systems from zoned garnet crystals. p505 28 Jan 1994.
 Janmey, Paul A. *See* Vasconcellos, Carol A.
 Jansson, Åslög; Gillin, Frances; Kagardt, Ulrika; Hagblom, Per: Coding of hemolysins within the ribosomal RNA repeat on a plasmid in *Entamoeba histolytica*. p1440 11 Mar 1994.
 Jenden, Donald J. *See* Mastrogiacono, Alessandro.
 Jenison, Robert D.; Gill, Stanley C.; Pardi, Arthur; Polisky, Barry: High-resolution molecular discrimination by RNA. p1425 11 Mar 1994.
 Jenkins, Phillip P.; Macinnes, Andrew N.; Tabib-Azar, Massoud; Barron, Andrew R.: Gallium arsenide transistors: realization through a molecularly designed insulator. p1751 25 Mar 1994.
 Jensen, Niels R. *See* Ravishankara, A. R.
 Jin, Changming; Haufler, R. E.; Hettich, R. L.; Barshick, C. M.; Compton, R. N.; Poretzky, A. A.; Dem'yanenko, A. V.; Tuinman, A. A.: Synthesis and characterization of molybdenum carbide clusters Mo_nC_m (n = 1 to 4). p68 7 Jan 1994.
 Johansson, Maria. *See* Andersson, Leif.
 Johnson, Gregory C. *See* Talley, Lynne D.
 Johnson, Keith A. *See* Aronson, Benjamin D.
 Johnson, Reid C. *See* Feng, Jin-An.
 Johnson, Robert G. *See* Gallup, Christina D.
 Johnson, Thomas E. *See* Brooks, Anne.
 Johnson-Schlitz, Dena M. *See* Engels, William R.
 Joly, Marguerite; Kazlauskas, Andrius; Fay, Fredric S.; Corvera, Silvia: Disruption of PDGF receptor trafficking by mutation of its PI-3 kinase binding sites. p684 4 Feb 1994.
 Jones, Alan M.: Surprising signals in plant cells (perspective). p183 14 Jan 1994.
 Jones, Brian E. *See* Liphardt, Martin.
 Jones, Marshall P.: Frog endangerment (letter). p13 7 Jan 1994.
 Jordan, Steven R. *See* Lovejoy, Brett.
 Jordan, William R., III: Environmental management (letter). p305 21 Jan 1994.
 Jouzel, J. *See* Charles, C. D.

K

Kaffman, Arie; Herskowitz, Ira; Tjian, Robert; O'Shea, Erin K.: Phosphorylation of the transcription factor PHO4 by a cyclin-CDK complex, PHO80-PHO85. p1153 25 Feb 1994.
 Kagardt, Ulrika. *See* Jansson, Åslög.
 Kahn, Patricia (news): The trials and tribulations of building a lab in the south. p914 18 Feb 1994. (women in science '94): A prominent role on a stage set by history. p1487 11 Mar 1994.
 Källberg, A. *See* Sundström, G.
 Kamenetzky, Eduardo A.; Magliocco, Lino G.; Panzer, Hans P.: Structure of solidified colloidal array laser filters studied by cryogenic transmission electron microscopy. p207 14 Jan 1994.
 Kamijo, R.; Harada, H.; Matsuyama, T.; Bosland, M.; Gerecitano, J.; Shapiro, D.; Le, J.; Koh, S. I.; Kimura, T.; Green, S. J.; Mak, T. W.; Taniguchi, T.; Vilček, J.: Requirement for transcription factor IRF-1 in NO synthase induction in macrophages. p1612 18 Mar 1994.
 Kanagawa, Osami. *See* Nakayama, Kei-ichi.
 Karl, Thomas R. *See* Groisman, Pavel Ya.
 Karlinsky, H. *See* St George-Hyslop, P.
 Karlovsky, Petr: Indirect costs of pesticide use (letter). p1208 4 Mar 1994.
 Kashket, Eva R.: review of *The Clostridia and Biotechnology*, edited by D. R. Woods. p400 21 Jan 1994.
 Kazazian, Haig H., Jr.: review of *Human Gene*

Mutation, by David N. Cooper and Michael Krawczak. p255 14 Jan 1994.
 Kazlauskas, Andrius. *See* Joly, Marguerite.
 Keller, Laurent and Ross, Kenneth G.: Gene flow or heterozygote advantage? (technical comment). p1157 25 Feb 1994.
 Kendall, Kevin: Adhesion: molecules and mechanics. p1720 25 Mar 1994.
 Kerr, Richard A. (news): Did Pinatubo send climate-warming gases into a dither? p1562 18 Mar 1994. How many more after Northridge? p460 28 Jan 1994. An ice age nudge for human evolution in Africa. p173 14 Jan 1994. In tropical coral, signs of an ice age chill: p173 14 Jan 1994. Iron fertilization: a tonic, but no cure for the greenhouse. p1089 25 Feb 1994. Methane increase put on pause. p751 11 Feb 1994. Milankovitch plays climate in double-time in the tropics. p174 14 Jan 1994. A new portrait of Venus: thick-skinned and decrepit. p759 11 Feb 1994. (science after the Cold War): The defense department declassifies the Earth—slowly. p625 4 Feb 1994. Searching for the tracks of impact in Mexican sand. p1372 11 Mar 1994. Testing an ancient impact's punch. p1371 11 Mar 1994. Why so dry, Venus? p760 11 Feb 1994.
 Kiefer, Michael C. *See* Cheng, Jianhua.
 Killeen, Nigel. *See* Bendelac, Albert.
 Kimble, Daniel P.: review of *Memory, Amnesia, and the Hippocampal System*, by Neal J. Cohen and Howard Eichenbaum. p1300 4 Mar 1994.
 Kimura, T. *See* Kamijo, R.
 King, David G.: Triple repeat DNA as a highly mutable regulatory mechanism (letter). p595 4 Feb 1994.
 Kingman, Sharon (news): Safety concerns halt U.K. study. p748 11 Feb 1994. U.K. panel floats a plan. p1215 4 Mar 1994.
 Kinney, Anne L.: Seeing the nuclei of active galaxies (perspective). p40 7 Jan 1994.
 Kinzel, Kenneth W. *See* Papadopoulos, Nickolas.
 Kiprov, Dobri D.; Sheppard, Haynes W.; Hanson, Carl V.: Alloimmunization to prevent AIDS? (letter). p737 11 Feb 1994.
 Kirstein, Mark N. *See* Morris, Stephan W.
 Kishimoto, Tadmitsu. *See* Lütticken, Claudia.
 Klein, Jacob. *See* Yerushalmi-Rozen, Rachel.
 Klingler, Jürgen F. *See* Lee, Ka Yee C.
 Klinowski, Jacek. *See* Herreros, Bruno.
 Knauth, L. Paul. *See* Horodyski, Robert J.
 Knight, Richard W. *See* Groisman, Pavel Ya.
 Knott, Sara A. *See* Andersson, Leif.
 Koh, S. I. *See* Kamijo, R.
 Kondo, Motonari; Takeshita, Toshikazu; Higuchi, Masaya; Nakamura, Masataka; Sudo, Tetsuo; Nishikawa, Shin-Ichi; Sugamura, Kazuo: Functional participation of the IL-2 receptor γ chain in IL-7 receptor complexes. p1453 11 Mar 1994.
 Kornberg, Roger D. *See* Li, Yang.
 Koshland, Daniel E., Jr. (editorials): The path to research prioritization. p735 11 Feb 1994. The perversity of inanimate objects. p155 14 Jan 1994. Strategic goals on an NIH model. p1071 25 Feb 1994. Women in science. p1355 11 Mar 1994. *See also* Voss, David F.
 ——— and Hanson, Brooks: Earthquakes and collective action (editorial). p451 28 Jan 1994.
 Koster, R. D. *See* Charles, C. D.
 Kramish, Arnold: Safety in quarks? (letter). p1076 25 Feb 1994.
 Kropf, Darryl L. *See* Gibbon, Bryan C.
 Krugman, Richard D. and Fulginiti, Vincent A.: Health care costs (letter). p157 14 Jan 1994.
 Krumenaker, Larry (news): In ancient climate, orbital chaos? p323 21 Jan 1994.
 Kuida, Keisuke. *See* Nakayama, Kei-ichi.
 Kumar, Amit and Whitesides, George M.: Patterned condensation figures as optical diffraction gratings. p60 7 Jan 1994.
 Kunz, Michael L. and Reanier, Richard E.: Paleoin-dians in Beringia: evidence from Arctic Alaska. p660 4 Feb 1994.

Kupitz, Yuval. See Atlas, Daphne.
Kuszeski, John. See Lodi, Patricia J.

L

Lacroix, Pascal G.; Clément, René; Nakatani, Keitaro; Zyss, Joseph; Ledoux, Isabelle: Stilbazolium-MPS, nanocomposites with large second-order optical nonlinearity and permanent magnetization. p658 4 Feb 1994.
Lam, Patrick Y. S.; Jadhav, Prabhakar K.; Eyermann, Charles J.; Hodge, C. Nicholas; Ru, Yu; Bacheler, Lee T.; Meek, James L.; Otto, Michael J.; Rayner, Marlene M.; Wong, Y. Nancy; Chang, Chong-Hwan; Weber, Patricia C.; Jackson, David A.; Sharpe, Thomas R.; Erickson-Viitanen, Susan: Rational design of potent, bioavailable, nonpeptide cyclic ureas as HIV protease inhibitors. p380 21 Jan 1994.
Lamb, G. D.; Fryer, M. W.; Stephenson, D. G.: Ca^{2+} -induced Ca^{2+} release in response to flash photolysis (technical comment). p986 18 Feb 1994.
Lambert, Joseph B. and Zhang, Shizhong: Triethylsilyl cations (technical comment). p983 18 Feb 1994.
Lambert, Millard H. See Lovejoy, Brett.
Landefeld, Thomas D.: Incorporating minorities in science (letter). p595 4 Feb 1994.
Landis, Story. See Lee, Kuo-Fen.
Landwehr, Jurate M. See Coplen, Tyler B.
Lang, Patricia M. See Novelli, Paul C.
Langer, Robert. See Gref, Ruxandra. See also Pepas, Nicholas A.
Langreth, Robert (news): Members seek more active role. p23 7 Jan 1994.
Laramore, George E.: Pork barrel funding an embarrassment (letter). p1075 25 Feb 1994.
Larsen, Kjeld. See Belrhali, Hassan.
Larson, S. M. See Weaver, H. A.
Larsson, M. See Sundström, G.
Laurenson, M. Karen. See Caro, T. M.
Lawn, Brian R.; Padture, Nitin P.; Cai, Hongda; Guiberteau, Fernando: Making ceramics "ductile." p1114 25 Feb 1994.
Le, J. See Kamijo, R.
Lea, Tor. See Skålhegg, Bjørn S.
Leadlay, Peter F. See Marsden, Andrew F. A.
Leberman, Reuben. See Belrhali, Hassan.
Ledoux, Isabelle. See Lacroix, Pascal G.
Lee, Daeyeol and Malpeli, Joseph G.: Global form and singularity: modeling the blind spot's role in lateral geniculate morphogenesis. p1292 4 Mar 1994.
Lee, Ka Yee C.; Klingler, Jürgen F.; McConnell, Harden M.: Electric field-induced concentration gradients in lipid monolayers. p655 4 Feb 1994.
Lee, Kuo-Fen; Bachman, Kathy; Landis, Story; Jaenisch, Rudolf: Dependence on p75 for innervation of some sympathetic targets. p1447 11 Mar 1994.
Lee, Robert K. K. See Gagliardini, Valeria.
Lee, Szetsen Steven; Minsek, David W.; Vestyck, Daniel J.; Chen, Peter: Growth of diamond from atomic hydrogen and a supersonic free jet of methyl radicals. p1596 18 Mar 1994.
Legrand, Jean-François. See Belrhali, Hassan.
Lehmann, Mogens. See Belrhali, Hassan.
Lemke, K. Regina. See Schallreuter, Karin U.
Leonardo, Michael J. See Critchfield, Jeffrey M.
Leonard, Warren J. See Lodi, Patricia J.
Letourneur, François. See Cosson, Pierre.
Levine, Kristi. See Cross, Frederick R.
Levy, D. H. See Weaver, H. A.
Li, Gen; Regunathan, S.; Barrow, Colin J.; Eshraghi, Jamshid; Cooper, Raymond; Reis, Donald J.: Agmatine: an endogenous clonidine-displacing substance in the brain. p966 18 Feb 1994.
Li, Guanglo. See Guo, Yajun.
Li, Mei; Moyle, Henry; Susskind, Miriam M.: Target of the transcriptional activation function

of phage λ cl protein. p75 7 Jan 1994.
Li, Xing-ya. See Olah, George A.
Li, Yang; Flanagan, Peter M.; Tschochner, Herbert; Kornberg, Roger D.: RNA polymerase II initiation factor interactions and transcription start site selection. p805 11 Feb 1994.
Lichten, Michael. See Wu, Tzu-Chen.
Lightfoot, David: An inclusive budget process (letter). p1548 18 Mar 1994.
Limonadi, Daniel. See Greeley, Ronald.
Lindley, David: High-energy astrophysics (editorial). p11 7 Jan 1994.
Liphardt, Martin; Goonesekera, Arosha; Jones, Brian E.; Ducharme, Stephen; Takacs, James M.; Zhang, Lei: High-performance photorefractive polymers. p367 21 Jan 1994.
Lippa, C. F. See St George-Hyslop, P.
Litchfield, David W. See Shi, Lianfa.
Lithgow, Gordon J. See Brooks, Anne.
Littman, Dan R. See Bendelac, Albert.
Liu, Changdan. See Cheng, Jianhua.
Liu, Guangluo. See Guo, Yajun.
Livingston, Katherine: review of *A Matter of Choices*, by Fay Aizenberg-Selove; *History of Women in Science for Young People*, by Vivian Sheldon Epstein; *The History of Women and Science, Health, and Technology*, edited by Phyllis Holman and Rima D. Apple; *Women in Chemistry and Physics*, edited by Louise S. Grinstein, Rose K. Rose, and Miriam H. Rafailovich; *Women Physiologists*, edited by Lynn Bindman, Alison Brading, and Tilli Tansey, p1458 11 Mar 1994.
Livingston, W. See Solanki, S. K.
Lloyd, Seth: Envisioning a quantum supercomputer (technical comment). p695 4 Feb 1994.
Lodi, Patricia J.; Garrett, Daniel S.; Kuszeski, John; Tsang, Monica L.-S.; Weatherbee, James A.; Leonard, Warren J.; Gronenborn, Angela M.; Clore, G. Marius: High-resolution solution structure of the β chemokine hMIP-1 β by multidimensional NMR. p1762 25 Mar 1994.
Loh, Dennis Y. See Nakayama, Kei-ichi.
Long, Sharon R. and Zakian, Virginia: Women in biomedicine: encouragement (letter). p1357 11 Mar 1994.
Longley, Kelly. See Lovejoy, Brett.
Look, A. Thomas. See Morris, Stephan W.
Loros, Jennifer J. See Aronson, Benjamin D.
Loughran, Mark S. See Marsden, Andrew F. A.
Louie, Marjorie C. See Nakayama, Kei-ichi.
Lovejoy, Brett; Cleasby, Anne; Hassell, Anne M.; Longley, Kelly; Luther, Michael A.; Weigl, Debra; McGeehan, Gerard; McElroy, Andrew B.; Drewry, David; Lambert, Millard H.; Jordan, Steven R.: Structure of the catalytic domain of fibroblast collagenase complexed with an inhibitor. p375 21 Jan 1994.
Lubin, J. A. See Huber, C. A.
Lucas, Rudolf; Magez, Stefan; De Leys, Robert; Franssen, Lucie; Scheerlinck, Jean-Pierre; Rampelberg, Murielle; Sablon, Erwin; De Baetselier, Patrick: Mapping the lectin-like activity of tumor necrosis factor. p814 11 Feb 1994.
Lukashin, A. V. See Georgopoulos, A. P.
Lunström, Kerstin. See Andersson, Leif.
Luther, Michael A. See Lovejoy, Brett.
Lütticken, Claudia; Wegenka, Ursula M.; Yuan, Juping; Buschmann, Jan; Schindler, Chris; Ziemiecki, Andrew; Harpur, Ailsa G.; Wilks, Andrew F.; Yasukawa, Kiyoshi; Taga, Tetsuya; Kishimoto, Tadamitsu; Barbieri, Giovanna; Pellegrini, Sandra; Sendtner, Michael; Heinrich, Peter C.; Horn, Friedemann: Association of transcription factor APRF and protein kinase Jak1 with the interleukin-6 signal transducer gp130. p89 7 Jan 1994.
Lutz, Gordon J. and Rome, Lawrence C.: Built for jumping: the design of the frog muscular system. p370 21 Jan 1994.
Lynch, Henry T. See Papadopoulos, Nickolas.
Lynden-Bell, Ruth M.: Computer simulations of fracture at the atomic level p1704 25 Mar 1994.

M

Ma, Jing. See Guo, Yajun.
Macinnes, Andrew N. See Jenkins, Phillip P.
Madison, Daniel V. See Schuman, Erin M.
Madsen, L. See Zasadzinski, J. A.
Magez, Stefan. See Lucas, Rudolf.
Magliocco, Lino G. See Kamenetzky, Eduardo A.
Mailer, Colin. See Robinson, Bruce H.
Mak, Tak W. See Kamijo, R. See also Sebza, Eric.
Malpeli, Joseph G. See Lee, Daeyeol.
Man, Bernice. See Sehgal, Amita.
Manalis, S. See Huber, C. A.
Mangla, Bhupesh (news): The first steps toward a virtual library. p1557 18 Mar 1994. India expands electronic research network. p1557 18 Mar 1994.
Mann, Charles C. (news): Fire ants parlay their queens into a threat to biodiversity. p1560 18 Mar 1994. War of words continues in violence research. p1375 11 Mar 1994. (special news report): Radiation: balancing the record. p470 28 Jan 1994.
Mannervik, S. See Sundström, G.
Manö, Stein and Andrae, Meinrat O.: Emission of methyl bromide from biomass burning. p1255 4 Mar 1994.
Manolopoulos, D. E. See D'Mello, M. J.
Mao, Ho-kwang. See Duffy, Thomas S.
Marchase, Richard B. See Montague, P. Read.
Marchi, Massimo. See Gehlen, John N.
Marder, Seth R.; Cheng, Lap-Tak; Tiemann, Bruce G.; Friedli, Andrienne C.; Blanchard-Desce, Mireille; Perry, Joseph W.; Skindhøj, Jørgen: Large first hyperpolarizabilities in push-pull polyenes by tuning of the bond length alternation and aromaticity. p511 28 Jan 1994.
Marder, Seth R. and Perry, Joseph W.: Nonlinear optical polymers: discovery to market in 10 years? (perspective). p1706 25 Mar 1994.
Marler, Cathy. See Schlupp, Ingo.
Marsden, Andrew F. A.; Caffrey, Patrick; Aparicio, Jesus F.; Loughran, Mark S.; Staunton, James; Leadlay, Peter F.: Stereospecific acyl transfers on the erythromycin-producing polyketide synthase. p378 21 Jan 1994.
Marsden, B. G. See Weaver, H. A.
Marshall, Eliot (news): Academic medicine's stake in health care reform. p1081 25 Feb 1994. Hughes to add 49 new investigators. p746 11 Feb 1994. New law brings affirmative action to clinical research. p602 4 Feb 1994. NIH tunes up peer review. p1212 4 Mar 1994. Researchers sue to get reviewer names. p747 11 Feb 1994. (science after the Cold War): A debut for Star Wars' darling, Clementine. p622 4 Feb 1994. Researchers sift the ashes of SDI. p620 4 Feb 1994. SDI's mixed legacy for the free-electron laser. p621 4 Feb 1994. (special news report): Political fallout: a national bioethics board? p473 28 Jan 1994. See also Mervis, Jeffrey.
Martin, A. R.: Health care costs (letter). p157 14 Jan 1994.
Martinson, Douglas G. See McPhee, Miles G.
Marx, Jean (news): How cells cycle toward cancer. p319 21 Jan 1994. Researchers find new role for cell cycle proteins. p1093 25 Feb 1994. Taking a first look at a tyrosine phosphatase. p1373 11 Mar 1994.
Masarie, Ken A. See Novelli, Paul C.
Mastrogiamaco, Alessandro; Parsons, Stanley M.; Zampighi, Guido A.; Jenden, Donald J.; Umbach, Joy A.; Gundersen, Cameron B.: Cysteine string proteins: a potential link between synaptic vesicles and presynaptic Ca^{2+} channels. p981 18 Feb 1994.
Mathis, Diane. See Bodmer, Helen.
Matsuyama, T. See Kamijo, R.
Matthews, Robert (news): Inertia: does empty space put up the resistance? p612 4 Feb 1994.
Mayer, B. See Fischer, G. M.
Mayer, John. See Sebza, Eric.

- Mayewski, P. A.; Meeker, L. D.; Whitlow, S.; Twickler, M. S.; Morrison, M. C.; Bloomfield, P.; Bond, G. C.; Alley, R. B.; Gow, A. J.; Grootes, P. M.; Meese, D. A.; Ram, M.; Taylor, K. C.; Wumkes, W.: Changes in atmospheric circulation and ocean ice over the north Atlantic during the last 41,000 years. p1747 25 Mar 1994.
- Mayo, Stephen L. and Baldwin, Robert L.: For the record (letter). p455 28 Jan 1994.
- McCammon, J. A. See Gilson, M. K.
- McCarley, Robert W. See Rainnie, Donald G.
- McConnell, Harden M. See Lee, Ka Yee C.
- McElroy, Andrew B. See Lovejoy, Brett.
- McGeehan, Gerard. See Lovejoy, Brett.
- McLachlan, D. Crapper. See St George-Hyslop, P.
- McPhee, Miles G. and Martinson, Douglas G.: Turbulent mixing under drifting pack ice in the Weddell Sea. p218 14 Jan 1994.
- Mecklin, Jukka-Pekka. See Papadopoulos, Nickolas.
- Meech, K. J. See Weaver, H. A.
- Meek, James L. See Lam, Patrick Y. S.
- Meeker, L. D. See Mayewski, P. A.
- Meese, D. A. See Mayewski, P. A.
- Mellor, Andrew L. See Ferber, Iris.
- Mervis, Jeffrey (news): Defense conversion comes to campus. p1676 25 Mar 1994. DOE extends a virtual hand to computer industry. p 1677 25 Mar 1994. Lane holds to the middle in debate over NSF's future. p1085 25 Feb 1994. OSTP plans a blueprint for research. p165 14 Jan 1994. R&D budget: growth in hard times. p744 11 Feb 1994. A strategic message from Mikulski. p604 4 Feb 1994. U.S. research forum fails to find a common front. p752 11 Feb 1994.
- ; Anderson, Christopher; Marshall, Eliot (news): R&D budget: more wins than losses. p164 14 Jan 1994.
- Middaugh, John P.: Reacting to gasoline additives (letter). p1545 18 Mar 1994.
- Miller, Anthony B. See Risch, Harvey A.
- Miller, Earl K. and Desimone, Robert: Parallel neuronal mechanisms for short-term memory. p520 28 Jan 1994.
- Miller, Henry I.: Quality of EPA research (letter). p1670 25 Mar 1994.
- Mills, Michael. See Ravishankara, A. R.
- Minamitake, Yoshiharu. See Gref, Ruxandra.
- Minsek, David W. See Lee, Szetsen Steven.
- Mitzi, D. See Tsuei, C. C.
- Mizuki, Junichiro. See Prassides, Kosmas.
- Mlot, Christine (news): University-industry collaboration: huge. p1227 4 Mar 1994.
- Moffat, Anne Simon (news): Theoretical ecology: winning its spurs in the real world. p1090 25 Feb 1994.
- Montague, P. Read; Gancayco, Carolyn D.; Winn, Mark J.; Marchase, Richard B.; Friedlander, Michael J.: Role of NO production in NMDA receptor-mediated neurotransmitter release in cerebral cortex. p973 18 Feb 1994.
- Montmayeur, Jean-Pierre and Borrelli, Emiliana: Targeting of $G\alpha_{12}$ to the Golgi by alternative spliced carboxyl-terminal region. p95 7 Jan 1994.
- Moons, Ellen. See Haran, Avner.
- Moore, C. Bradley. See Alvarez, Ramón A.
- Morell, Virginia (news): Did early humans reach Siberia 500,000 years ago? p611 4 Feb 1994. Mummy settles TB antiquity debate. p1687 25 Mar 1994. Rise and fall of the Y chromosome. p171 14 Jan 1994.
- Morris, Stephan W.; Kirstein, Mark N.; Valentine, Marcus B.; Dittmer, Kristopher G.; Shapiro, David N.; Saltman, David L.; Look, A. Thomas: Fusion of a kinase gene, *ALK*, to a nucleolar protein gene, *NPM*, in non-Hodgkin's lymphoma. p1281 4 Mar 1994.
- Morrison, Adrian R.: Animal rights and radical politics (letter). p1073 25 Feb 1994.
- Morrison, M. C. See Mayewski, P. A.
- Mountz, John D. See Cheng, Jianhua.
- Mowat, J. R. See Sundström, G.
- Moyle, Henry. See Li, Mei.
- Murnick, D. E. and Peer, B. J.: Laser-based analysis of carbon isotope ratios. p945 18 Feb 1994.
- Murphy, D. W. See Zhou, O.
- Murphy, Michael. See O'Neill, Luke.
- Murphy, Timothy H.; Baraban, Jay M.; Wier, W. Gil; Blatter, Lothar A.: Visualization of quantal synaptic transmission by dendritic calcium imaging. p529 28 Jan 1994.
- Murry, Robert L. and Scuseria, Gustavo E.: Theoretical evidence for a C_{60} "window" mechanism. p791 11 Feb 1994.

N

- Naaman, Ron. See Haran, Avner.
- Nadal-Ginard, Bernardo. See Yang, Jing-Hua.
- Nakamura, Masataka. See Kondo, Motonari.
- Nakatani, Keitaro. See Lacroix, Pascal G.
- Nakauchi, Hiromitsu. See Nakayama, Kei-ichi.
- Nakayama, Kei-ichi; Nakayama, Keiko; Negishi, Izumi; Kuida, Keisuke; Louie, Marjorie C.; Kanagawa, Osami; Nakauchi, Hiromitsu; Loh, Dennis Y.: Requirement for CD8 β chain in positive selection of CD8-lineage T cells. p1131 25 Feb 1994.
- Nakayama, Keiko. See Nakayama, Kei-ichi.
- Nedergaard, Maiken: Direct signaling from astrocytes to neurons in cultures of mammalian brain cells. p1768 25 Mar 1994.
- Neel, James V.: review of *Archibald Garrod and the Individuality of Man*, by Alexander G. Bearn. p697 4 Feb 1994.
- Negishi, Izumi. See Nakayama, Kei-ichi.
- Nelson, Hillary C. M. See Harrison, Celia J.
- Neveu, Mark. See Zou, Zhiqiang.
- Newman, Roger C. and Sieradzki, Karl: Metallic corrosion (perspective). p1708 25 Mar 1994.
- Newman, William I. See Greeley, Ronald.
- Newsome, William T. See Zohary, Ehud.
- Nicolaides, Nicholas C. See Papadopoulos, Nickolas.
- Nicoud, Jean-François: Toward new multi-property materials (perspective). p636 4 Feb 1994.
- Niehhs, Christof; Steinbeisser, Herbert; De Robertis, Eddy M.: Mesodermal patterning by a gradient of the vertebrate homeobox gene *gooseoid*. p817 11 Feb 1994.
- Nishikawa, Shin-Ichi. See Kondo, Motonari.
- Nishioka, Walter K. See Shi, Lianfa.
- Nissel, T. See Fischer, G. M.
- Noll, K. S. See Weaver, H. A.
- Normile, Dennis (news): ERATO grows beyond its borders. p603 4 Feb 1994. Japan's H-II rocket to bolster remote sensing projects. p462 28 Jan 1994. Two new graduate schools break the Japanese mold. p1680 25 Mar 1994.
- Novelli, Paul C.; Masarie, Ken A.; Tans, Pieter P.; Lang, Patricia M.: Recent changes in atmospheric carbon monoxide. p1587 18 Mar 1994.
- Nowak, Rachel (news): All strung out at the synapse. p920 18 Feb 1994. Chronobiologists out of sync over light therapy patents. p1217 4 Mar 1994. Matrix work wins acclaim. p30 7 Jan 1994. Mining treasures from 'junk DNA.' p608 4 Feb 1994. Nicotine scrutinized as FDA seeks to regulate cigarettes. p1555 18 Mar 1994. Smoke in hamster oviducts. p31 7 Jan 1994. Talkin' trash: a glossary of junk DNA. p609 4 Feb 1994. Turning over a new leaf. p31 7 Jan 1994.
- Nuccitelli, Richard and Ferguson, James E.: Fertilization and ion channels (technical comment). p988 18 Feb 1994.

O

- Ohashi, Pamela S. See Sebzdá, Eric.
- Ohya, Yoshikazu and Botstein, David: Diverse essential functions revealed by complementing yeast calmodulin mutants. p963 18 Feb 1994.
- Olah, George A.; Rasul, Golam; Li, Xing-ya; Buchholz, Herwig A.; Sandford, Graham; Prakash, G.

- K. Surya: Triethylsilyl cations (technical comment). p983 18 Feb 1994.
- Oliver, James H., Jr.: review of *Ecology and Environmental Management of Lyme Disease*, edited by Howard S. Ginsberg. p544 28 Jan 1994.
- Olivier, A. See Rondot, S.
- O'Neill, Luke; Murphy, Michael; Gallagher, Richard B.: What are we? Where did we come from? Where are we going? (perspective). p181 14 Jan 1994.
- Opperman, Charles H.; Taylor, Christopher G.; Conkling, Mark A.: Root-knot nematode-directed expression of a plant root-specific gene. p221 14 Jan 1994.
- Oreskes, Naomi; Shrader-Frechette, Kristin; Belitz, Kenneth: Verification, validation, and confirmation of numerical models in the earth sciences. p641 4 Feb 1994.
- Ornduff, Robert: review of *Flora of North America North of Mexico*, by Flora of North America Editorial Committee. p838 11 Feb 1994.
- Orr, William C. and Sohal, Rajindar S.: Extension of life-span by overexpression of superoxide dismutase and catalase in *Drosophila melanogaster*. p1128 25 Feb 1994.
- Osborn, Mary: Status and prospects of women in science in Europe (policy forum). p1389 11 Mar 1994.
- O'Shea, Erin K. See Kaffman, Arie.
- Osofsky, M. S. See Skelton, E. F.
- Ostro, Steven J. See Hudson, R. Scott.
- Otto, Michael J. See Lam, Patrick Y. S.

P

- Pabo, Carl O. See Rebar, Edward J.
- Padgett, Richard W. See Xie, Ting.
- Padture, Nitin P. See Lawn, Brian R.
- Page, Terry L.: Time is the essence: molecular analysis of the biological clock (perspective). p1570 18 Mar 1994.
- Palmiter, Richard D. See Rhim, Jonathan A.
- Panem, Sandra: review of *The Billion-Dollar Molecule*, by Barry Werth. p1299 4 Mar 1994.
- Panzer, Hans P. See Kamenetzky, Eduardo A.
- Papadopoulos, Nickolas; Nicolaides, Nicholas C.; Wei, Ying-Fei; Ruben, Steven M.; Carter, Kenneth C.; Rosen, Craig A.; Haseltine, William A.; Fleischmann, Robert D.; Fraser, Claire M.; Adams, Mark D.; Venter, J. Craig; Hamilton, Stanley R.; Petersen, Gloria M.; Watson, Patricia; Lynch, Henry T.; Peltomäki, Päivi; Mecklin, Jukka-Pekka; de la Chapelle, Albert; Kinzler, Kenneth W.; Vogelstein, Bert: Mutation of a *mutL* homolog in hereditary colon cancer. p1625 18 Mar 1994.
- Pardi, Arthur. See Jenison, Robert D.
- Park, Jeffrey. See van der Vink, Gregory E.
- Parry, David A. D. See Cohen, Carolyn.
- Parsons, Stanley M. See Mastrogiacomo, Alessandro.
- Pascual-Leone, Alvaro; Grafman, Jordan; Hallett, Mark: Modulation of cortical motor output maps during development of implicit and explicit knowledge. p1287 4 Mar 1994.
- Pauling, Linus: Triethylsilyl cations (technical comment). p983 18 Feb 1994.
- Peer, B. J. See Murnick, D. E.
- Peierls, Rudolf: review of *Critical Assembly*, by Lillian Hoddeson, Paul W. Henriksen, Roger A. Meade, and Catherine Westfall. p1162 25 Feb 1994.
- Pellegrini, Sandra. See Lütticken, Claudia. See also Stahl, Neil.
- Peltomäki, Päivi. See Papadopoulos, Nickolas.
- Peng, J. L. See Skelton, E. F.
- Peppas, Nicholas A. and Langer, Robert: New challenges in biomaterials. p1715 25 Mar 1994.
- Peracchia, Maria Teresa. See Gref, Ruxandra.
- Pericak-Vance, M. A.; Corder, E. H.; Saunders, A. M.; Gaskell, P. C.; Strittmatter, W. J.; Roses, A. D.; Schmechel, D. E.; Small, G. W.; Haines, J.

L.: Alzheimer's disease and possible gene interaction (technical comment). p537 28 Jan 1994.
 Perry, Joseph W. See Marder, Seth R. See also Marder, Seth R., et al.
 Petersen, Gloria M. See Papadopoulos, Nickolas.
 Peterson, Karen E. See Calakos, Nicole.
 Peterson, Per A. See Jackson, Michael R.
 Pfeifer, Gerd P. See Tornaletti, Silvia.
 Phillips, O. L. and Gentry, A. H.: Increasing turnover through time in tropical forests. p954 18 Feb 1994.
 Pimm, Stuart L. and Sugden, Andrew M.: Tropical diversity and global change (perspective). p933 18 Feb 1994.
 Pittelkow, Mark R. See Schallreuter, Karin U.
 Pleiman, Christopher M.; Hertz, W. Marc; Cambier, John C.: Activation of phosphatidylinositol-3' kinase by Src-family kinase SH3 binding to the p85 subunit. p1609 18 Mar 1994.
 Polisky, Barry. See Jenison, Robert D.
 Pollen, D. See St George-Hyslop, P.
 Pool, Robert (materials science): The smallest chemical plants. p1698 25 Mar 1994. (news): Atom beams split by gentle persuasion. p1092 25 Feb 1994.
 Powell, Douglas (news): KAON out, space station squeezed. p1216 4 Mar 1994.
 Prakash, G. K. Surya. See Olah, George A.
 Prasher, Douglas C. See Chalfie, Martin.
 Prassides, Kosmas; Christides, Christos; Thomas, Ian M.; Mizuki, Junichiro; Tanigaki, Katsumi; Hirose, Ichiro; Ebbesen, Thomas W.: Crystal structure, bonding, and phase transition of the superconducting Na₂CsC₆₀ fulleride. p950 18 Feb 1994.
 Prater, C. B. See Huber, C. A.
 Press, William H.: review of *Ripples in the Cosmos*, by Michael Rowan-Robinson, and *Wrinkles in Time*, by George Smoot and Keay Davidson. p1455 11 Mar 1994.
 Presser, S. B. See Fulhorst, C. F.
 Preston, Christine R. See Engels, William R.
 Price, Jeffrey L. See Sehgal, Amita. See also Vossall, Leslie B.
 Puzetzy, A. A. See Jin, Changming.

Q

Qadri, S. B. See Skelton, E. F.
 Quelle, Frederick W. See Stahl, Neil.
 Quemard, Annaik. See Banerjee, Aresh.
 Quigg, Chris. See Cahn, Robert N.

R

Racke, Michael K. See Critchfield, Jeffrey M.
 Rafidi, Kristina. See Zou, Zhiqiang.
 Raine, Cedric S. See Critchfield, Jeffrey M.
 Rainnie, Donald G.; Grunze, Heinz C. R.; McCauley, Robert W.; Greene, Robert W.: Adenosine inhibition of mesopontine cholinergic neurons: implications for EEG arousal. p689 4 Feb 1994.
 Rajagopalan, Sumati; Xu, Yuhui; Brenner, Michael B.: Retention of unassembled components of integral membrane proteins by calnexin. p387 21 Jan 1994.
 Ram, M. See Mayewski, P. A.
 Ramakrishnan, Lalita. See Small, Pamela L. C.
 Ramirez, A. P. See Zhou, O.
 Rampelberg, Murielle. See Lucas, Rudolf.
 Random Samples: Alaskan illnesses remain a mystery. p177 14 Jan 1994. Alcohol tolerance: danger sign. p1094 25 Feb 1994. Antioxidants and longevity. p1094 25 Feb 1994. At the core of the chromosome. p327 21 Jan 1994. Basic researchers to head U.K. councils. p469 28 Jan 1994. A Big Bang by no other name. p469 28 Jan 1994. Big splash on Jupiter. p326 21 Jan 1994. Biotech foils a deadly grape virus. p1095 25 Feb 1994. Birth control and high blood pressure. p327 21 Jan 1994. Breaking the glass ceiling for \$900,000. p1688 25 Mar 1994. Bringing more reality to

fiction. p176 14 Jan 1994. Buffering Japan's science from recession. p1094 25 Feb 1994. Cannibal film in poor taste? p922 18 Feb 1994. Chilean telescope expansion delayed. p176 14 Jan 1994. Democracy bad for scientific literacy? p1688 25 Mar 1994. Designer apples. p1095 25 Feb 1994. Designer cattle with ultrasound. p327 21 Jan 1994. Digging out a dinosaur embryo. p469 28 Jan 1994. Do whales speak in many tongues? p753 11 Feb 1994. Drone alone. p177 14 Jan 1994. Eagle population soars. p922 18 Feb 1994. Early American gene clock gains time. p753 11 Feb 1994. El Niño says adios, as computers predicted. p607 4 Feb 1994. Feminizing the brain bank. p1689 25 Mar 1994. Fewer weapons in the pie. p27 7 Jan 1994. Fighting HIV: a clue from hemophilia. p27 7 Jan 1994. First satellite of an asteroid discovered. p1566 18 Mar 1994. German science adviser gets the boot. p1220 4 Mar 1994. Glitch in U.K. tech plan. p326 21 Jan 1994. The grim reaper plays by quirky rules. p607 4 Feb 1994. Hiring thaw at FDA. p327 21 Jan 1994. Hopping to extinction. p1370 11 Mar 1994. Indian sea turtles in peril. p1220 4 Mar 1994. Is there an addiction gene? p176 14 Jan 1994. Japan worries about youth and science. p177 14 Jan 1994. Journal quails over oiled turtles. p1566 18 Mar 1994. Keeping Russian science afloat. p1370 11 Mar 1994. Last bark for Antarctic huskies. p606 4 Feb 1994. Lefty longevity: another study. p1567 18 Mar 1994. A lunar idea. p1566 18 Mar 1994. Mathematicians losing numbers. p923 18 Feb 1994. Microscopic breakthrough. p1095 25 Feb 1994. Miraculous astronomy. p1370 11 Mar 1994. Mismeasures of productivity. p326 21 Jan 1994. Namibia's ancient big bird. p176 14 Jan 1994. Natural history in New York. p1688 25 Mar 1994. Neuroscientists band to study dyslexia. p1370 11 Mar 1994. New CF drug goes pro bono. p1566 18 Mar 1994. New HIV group baffles French test. p1689 25 Mar 1994. New tool for predicting AIDS onset? p606 4 Feb 1994. Nobelists give it away. p923 18 Feb 1994. North-South chasm. p1094 25 Feb 1994. Nurturing new entrepreneurs. p607 4 Feb 1994. One man's poison—another's fertilizer. p1220 4 Mar 1994. Out of the cold, onto the newsstand. p606 4 Feb 1994. Prizes offered for medical cures. p922 18 Feb 1994. Quake aid bill shakes up science agencies. p1095 25 Feb 1994. Resurrection in Italy. p753 11 Feb 1994. A silicon sniffer. p1689 25 Mar 1994. Silicon Valley moguls chip in for E.T. p469 28 Jan 1994. Size of Jovian impacts in doubt again. p1689 25 Mar 1994. Soviet-style conundrums for U.S. youth. p1567 18 Mar 1994. Teen sex survey back on track. p1688 25 Mar 1994. Tiff over Texas test tubes. p753 11 Feb 1994. Times corrects scientist's obit. p922 18 Feb 1994. Torture test nets a new prime. p27 7 Jan 1994. U.K. research council gets Oxford head. p1567 18 Mar 1994. Venuses reappear. p923 18 Feb 1994. World science. p1220 4 Mar 1994.
 Rasul, Golam. See Olah, George A.
 Raveau, Bernard: The importance of restaurants in superconductivity research (letter). p13 7 Jan 1994.
 Ravishankara, A. R.; Turnipseed, Andrew A.; Jensen, Niels R.; Barone, Stephen; Mills, Michael; Howard, Carleton J.; Solomon, Susan: Do hydrofluorocarbons destroy stratospheric ozone? p71 7 Jan 1994.
 Rayner, Marlene M. See Lam, Patrick Y. S.
 Reanier, Richard E. See Kunz, Michael L.
 Rebar, Edward J. and Pabo, Carl O.: Zinc finger phage: affinity selection of fingers with new DNA-binding specificities. p671 4 Feb 1994.
 Rebek, J., Jr. See Branda, N.
 Record, M. Thomas, Jr. See Spolar, Ruth S.
 Reed, Christopher A. and Xie, Zuwei: Triethylsilyl cations (technical comment). p983 18 Feb 1994.

Reeves, W. C. See Fulhorst, C. F.
 Regunathan, S. See Li, Gen.
 Reis, Donald J. See Li, Gen.
 Reiter, Günter; Demirel, A. Levent; Granick, Steve: From static to kinetic friction in confined liquid films. p1741 25 Mar 1994.
 Rensfelt, K. G. See Sundström, G.
 Resau, James H. See Tsarfaty, Ilan.
 Rettner, Charles T. and Auerbach, Daniel J.: Distinguishing the direct and indirect products of a gas-surface reaction. p365 21 Jan 1994.
 Rhim, Jonathan A.; Sandgren, Eric P.; Degen, Jay L.; Palmiter, Richard D.; Brinster, Ralph L.: Replacement of diseased mouse liver by hepatic cell transplantation. p1149 25 Feb 1994.
 Rice, William R.: Degeneration of a nonrecombining chromosome. p230 14 Jan 1994.
 Richards, Miriam. See Berrigan, David.
 Richter, Burton: Heavy ion drivers (letter). p453 28 Jan 1994.
 Riggs, Alan C. See Coplen, Tyler B.
 Rind, D. See Charles, C. D.
 Ripoll, D. R. See Gilson, M. K.
 Risch, Harvey A.; Howe, Geoffrey R.; Jain, Meera; Burch, J. David; Holowaty, Eric J.; Miller, Anthony B.: Lung cancer risk for female smokers (letter). p1206 4 Mar 1994.
 Robinson, Bruce H.; Haas, Duncan A.; Mailer, Colin: Molecular dynamics in liquids: spin-lattice relaxation of nitroxide spin labels. p490 28 Jan 1994.
 Rödl, Wolfgang. See Schallreuter, Karin U.
 Rogaev, E. See St George-Hyslop, P.
 Rogers, Forrest J. and Iglesias, Carlos A.: Astrophysical opacity. p50 7 Jan 1994.
 Romagnolo, Donato and Selmin, Ornella: Renovating Italian science (letter). p1669 25 Mar 1994.
 Rome, Lawrence C. See Lutz, Gordon J.
 Rondot, S.; Cazaux, J.; Aaboubi, O.; Chopart, J. P.; Olivier, A.: Following ion diffusion in solution. p1739 25 Mar 1994.
 Rong, Sing. See Tsarfaty, Ilan.
 Ronsin, O. See Bourdieu, L.
 Root, Terry L. and Alpert, Peter: Volunteers and the NBS (letter). p1205 4 Mar 1994.
 Rosbash, Michael. See Edery, Isaac.
 Rosen, Craig A. See Papadopoulos, Nickolas.
 Roses, A. D. See Pericak-Vance, M. A.
 Ross, Kenneth G. See Keller, Laurent.
 Rotello, Rocco J. See Gagliardini, Valeria.
 Ru, Yu. See Lam, Patrick Y. S.
 Ruben, Steven M. See Papadopoulos, Nickolas.
 Rubenstein, James L. See Guilderson, Thomas P.
 Rulung, Shen. See Tsarfaty, Ilan.
 Rusconi, Sandro. See Gerber, Hans-Peter.
 Russell, David G. See Sturgill-Koszycki, Sheila.
 Russo, R. M. and Silver, P. G.: Trench-parallel flow beneath the Nazca plate from seismic anisotropy. p1105 25 Feb 1994.
 Rutila, Joan E. See Edery, Isaac.
 Ryan, Michael J. See Schlupp, Ingo.

S

Sablon, Erwin. See Lucas, Rudolf.
 Sadoqi, M. See Huber, C. A.
 Saez, Lino. See Vossall, Leslie B.
 Sager, Ruth. See Zou, Zhiqiang.
 Sakakibara, Jun. See Takeda, Yasushi.
 Sakashita, M. See Aoki, K.
 Saks, Margaret E.; Sampson, Jeffrey R.; Abelson, John N.: The transfer RNA identity problem: a search for rules. p191 14 Jan 1994.
 Saltman, David L. See Morris, Stephan W.
 Sampson, Jeffrey R. See Saks, Margaret E.
 Sandford, Graham. See Olah, George A.
 Sandgren, Eric P. See Rhim, Jonathan A.
 Sasaki, Yuji C.; Suzuki, Yoshio; Ishibashi, Tadashi: Fluorescent x-ray interference from a protein monolayer. p62 7 Jan 1994.
 Sauer, Konrad. See Baumgärtel, Klaus.

- Saunders, A. M. See Pericak-Vance, M. A.
- Schaffner, Walter. See Gerber, Hans-Peter.
- Schallreuter, Karin U.; Wood, John M.; Pittelkow, Mark R.; Gütlich, Markus; Lemke, K. Regina; Rödl, Wolfgang; Swanson, Norma N.; Hitzemann, Karen; Ziegler, Irmgard: Regulation of melanin biosynthesis in the human epidermis by tetrahydrobiopterin. p1444 11 Mar 1994.
- Scharton, Tanya M. See Afonso, Luis C. C.
- Scheerlinck, Jean-Pierre. See Lucas, Rudolf.
- Scheller, Richard H. See Calakos, Nicole.
- Schenkel, Johannes. See Ferber, Iris.
- Schiff, E. A. See Bowick, Mark J.
- Schindler, Chris. See Lütticken, Claudia.
- Schlesinger, Paul H. See Sturgill-Koszycki, Sheila.
- Schlupp, Ingo; Marler, Cathy; Ryan, Michael J.: Benefit to male sailfin mollies of mating with heterospecific females. p373 21 Jan 1994.
- Schmehel, D. E. See Pericak-Vance, M. A.
- Schmid, Daniel; Baici, Antonio; Gehring, Heinz; Christen, Philipp: Kinetics of molecular chaperone action. p971 18 Feb 1994.
- Schmidt, Karen (news): Scientists count a rising tide of whales in the seas. p25 7 Jan 1994.
- Schnabel, Ralf: Autonomy and nonautonomy in cell fate specification of muscle in the *Caenorhabditis elegans* embryo: a reciprocal induction. p1449 11 Mar 1994.
- Schneider, Stephen H.: Detecting climatic change signals: are there any "fingerprints"? p341 21 Jan 1994.
- Schoell, M.; Schouten, S.; Damsté, J. S. Sinninghe; de Leeuw, J. W.; Summons, R. E.: A molecular organic carbon isotope record of Miocene climate changes. p1122 25 Feb 1994.
- Schönnrich, Günther. See Ferber, Iris.
- Schouten, S. See Schoell, M.
- Schubert, Gerald. See Greeley, Ronald.
- Schuman, Erin M. and Madison, Daniel V.: Locally distributed synaptic potentiation in the hippocampus. p532 28 Jan 1994.
- Schwaber, James S. See Standish, Amelia.
- Schwartz, Alan L.: review of *Receptors*, by Douglas A. Lauffenburger and Jennifer J. Linderman. p1782 25 Mar 1994.
- Schwartz, D. K. See Zasadzinski, J. A.
- ; Viswanathan, R.; Zasadzinski, J. A.: Examining Langmuir-Blodgett films with atomic force microscopy (technical comment). p1158 25 Feb 1994.
- Schwartz, Ronald H. See Bendelac, Albert.
- Schwenk, Kurt: Why snakes have forked tongues. p1573 18 Mar 1994. review of *The Skull*, edited by James Hanken and Brian K. Hall. p1779 25 Mar 1994.
- ScienceScope: Academia faces curbs on indirect costs. p599 4 Feb 1994. Activist bombings menace British scientists. p163 14 Jan 1994. AIDS institute in turmoil. p743 11 Feb 1994. AIDS scandal embroils top French biologist. . . . p907 18 Feb 1994. Bio-survey chief. p743 11 Feb 1994. Budget blow for international science. p743 11 Feb 1994. Call for a stronger U.K. science czar. p459 28 Jan 1994. CDC finds new strain of hantavirus. p1079 25 Feb 1994. Chernobyl cancers to come under scrutiny. p163 14 Jan 1994. Congress to lose key science staffer. p19 7 Jan 1994. Controversial SIDS advice may get government imprimatur. p1079 25 Feb 1994. DOE opens doors to SSC proposals. p1211 4 Mar 1994. DOE to sequence microbe genomes. p311 21 Jan 1994. Earthquake aftermath. p311 21 Jan 1994. Egypt to build science city in desert. p1551 18 Mar 1994. Electric utility zaps life into biotech. p311 21 Jan 1994. End of an era for asbestos research? p599 4 Feb 1994. End of cold war for Kinsey and Indiana? p19 7 Jan 1994. European researchers get partial reprieve. p1675 25 Mar 1994. Feds drop Gallo criminal probe. p459 28 Jan 1994. Found: missing link between genetics and anthropology. p1363 11 Mar 1994. Future dims for Haystack Observatory. p1079 25 Feb 1994. GAO to plumb Feder and Stewart case. p907 18 Feb 1994. Grizzly plan has scientists growling. p599 4 Feb 1994. Hantavirus search moves to the East. p1211 4 Mar 1994. Hot words over indirect cost freeze. p1551 18 Mar 1994. Icy grave may curb Antarctic explorers. p19 7 Jan 1994. Industry to strike first on dioxin review. p1211 4 Mar 1994. Livermore's Nuckolls under fire. p1675 25 Mar 1994. Lobbying backfires on LBL, Berkeley. p1363 11 Mar 1994. Mice to rescue Italian role in EMBL? p743 11 Feb 1994. Minnesota kills controversial drug. p1675 25 Mar 1994. New NSF deputy. p599 4 Feb 1994. NIH AIDS plan: under new management. p311 21 Jan 1994. NIMH braces for a sea change. p163 14 Jan 1994. No AIDS chief yet. p459 28 Jan 1994. NSF considers violence center. p1551 18 Mar 1994. NSF makes room for big science. p311 21 Jan 1994. OAR director, part II. p907 18 Feb 1994. ORI clears lead scientist of misconduct. p1363 11 Mar 1994. ORI drops case against MSU student. p907 18 Feb 1994. ORI wins! p1211 4 Mar 1994. The perils of biotech consulting. p1079 25 Feb 1994. Reaping human vaccines from plants. p1211 4 Mar 1994. Reefer madness at FDA. p599 4 Feb 1994. Russia drops charges. p1551 18 Mar 1994. Strike threatens Israeli academic research. p1363 11 Mar 1994. Texas presses for SSC medical park. p459 28 Jan 1994. A thaw in Russian science aid? p1551 18 Mar 1994. . . . As French ponder hosting AIDS summit. p907 18 Feb 1994. Ultraviolet explorer may buck NASA tide. p459 28 Jan 1994. Varmus pushes an NIH university. p163 14 Jan 1994. Varmus wins seat on science council. p743 11 Feb 1994. White House plans environmental summit. p1675 25 Mar 1994. Wildlife ecotoxicology suffers major blow. p19 7 Jan 1994.
- Scott, Eugenie C.: Good songs (letter). p308 21 Jan 1994.
- Scott, Phillip. See Afonso, Luis C. C.
- Scotti, J. V. See Weaver, H. A.
- Scully, Marlan O. and Fleischhauer, Michael: Lasers without inversion (perspective). p337 21 Jan 1994.
- Scuseria, Gustavo E. See Murry, Robert L.
- Seachrist, Lisa (news): Restating the risks of tamoxifen. p910 18 Feb 1994.
- Sebzda, Eric; Wallace, Valerie A.; Mayer, John; Yeung, Rae S. M.; Mak, Tak W.; Ohashi, Pamela S.: Positive and negative thymocyte selection induced by different concentrations of a single peptide. p1615 18 Mar 1994.
- Seftor, Elisabeth. See Zou, Zhiqiang.
- Seger, Jon. See Berrigan, David.
- Segerstråle, Ullica: review of *The Golem*, by Harry Collins and Trevor Pinch. p837 11 Feb 1994.
- Sehgal, Amita. See Vossall, Leslie B.
- ; Price, Jeffrey L.; Man, Bernice; Young, Michael W.: Loss of circadian behavioral rhythms and *per* RNA oscillations in the *Drosophila* mutant *timeless*. p1603 18 Mar 1994.
- Seipel, Katja. See Gerber, Hans-Peter.
- Sekanina, Z. See Weaver, H. A.
- Selmin, Ornella. See Romagnolo, Donato.
- Sendtner, Michael. See Lütticken, Claudia.
- Service, Robert (news): Slow DNA repair implicated in mutations found in tumors. p1374 11 Mar 1994. Stalking the start of colon cancer. p1559 18 Mar 1994.
- Sgarbella, Vittorio: Italy's role in EMBL (letter). p305 21 Jan 1994.
- Shah, Paresh. See Bassing, Craig H.
- Shapiro, D. See Kamijo, R.
- Shapiro, David N. See Morris, Stephan W.
- Shapiro, James A.: review of *Bacterial Conjugation*, edited by Don B. Clewell. p839 11 Feb 1994.
- Shapiro, John P. See Cheng, Jianhua.
- Sharma, Kalpana: Is overcoming 'diffidence' the route to success? (women in science '94). p1495 11 Mar 1994.
- Sharpe, Thomas R. See Lam, Patrick Y. S.
- Shen, Y. See Fischer, G. M.
- Sheng, Shijie. See Zou, Zhiqiang.
- Sheppard, Haynes W. See Kiprov, Dobri D.
- Shi, Lianfa; Nishioka, Walter K.; Th'ng, John; Bradbury, E. Morton; Litchfield, David W.; Greenberg, Arnold H.: Premature p34^{cdc2} activation required for apoptosis. p1143 25 Feb 1994.
- Shinbrot, Troy: Academic decision-making (letter). p455 28 Jan 1994.
- Shoemaker, C. S. See Weaver, H. A.
- Shoemaker, E. M. See Weaver, H. A.
- Shrader-Frechette, Kristin. See Oreskes, Naomi.
- Shupe, L. E. See Fetz, E. E.
- Siegler, Robert S. See Geary, David C.
- Sieradzki, Karl. See Newman, Roger C.
- Sietmann, Richard (news): Environmental R&D shakeup rattles the national labs. p316 21 Jan 1994.
- Sigra, P. See Sundström, G.
- Silman, I. See Gilson, M. K.
- Silvennoinen, Olli. See Stahl, Neil.
- Silver, P. G. See Russo, R. M.
- Simm, Michael (news): Expected increase becomes a cut. p465 28 Jan 1994. German geneticists get some relief. p23 7 Jan 1994. Public health agency shakeup opposed. p1558 18 Mar 1994.
- Skålhegg, Bjørn S.; Taskén, Kjetil; Hansson, Vidar; Huitfeldt, Henrik S.; Jahnsen, Tore; Lea, Tor: Location of cAMP-dependent protein kinase type I with the TCR-CD3 complex. p84 7 Jan 1994.
- Skelton, E. F.; Drews, A. R.; Osofsky, M. S.; Qadri, S. B.; Hu, J. Z.; Vanderah, T. A.; Peng, J. L.; Greene, R. L.: Direct observation of microscopic inhomogeneities with energy-dispersive diffraction of synchrotron-produced x-rays. p1416 11 Mar 1994.
- Skindhøj, Jørgen. See Marder, Seth R.
- Small, G. W. See Pericak-Vance, M. A.
- Small, Pamela L. C.; Ramakrishnan, Lalita; Falkow, Stanley: Remodeling schemes of intracellular pathogens (perspective). p637 4 Feb 1994.
- Small, Parker A., Jr.: Smallpox virus stocks: more votes (letter). p903 18 Feb 1994.
- Smith, T. E. See Weaver, H. A.
- Snyder, Solomon H. See Zhang, Jie.
- Sobel, Erik C. and Tank, David W.: In vivo Ca²⁺ dynamics in a cricket auditory neuron: an example of chemical computation. p823 11 Feb 1994.
- Sohal, Rajindar S. See Orr, William C.
- Solanki, S. K.; Livingston, W.; Ayres, T.: New light on the heart of darkness of the solar chromosphere. p64 7 Jan 1994.
- Solomon, A. M. See Dixon, R. K.
- Solomon, Susan. See Ravishankara, A. R.
- Spolar, Ruth S. and Record, M. Thomas, Jr.: Coupling of local folding to site-specific binding of proteins to DNA. p777 11 Feb 1994.
- Sproat, Brian. See Belrhali, Hassan.
- Srivastava, Ajit M. See Bowick, Mark J.
- St George-Hyslop, P.; McLachlan, D. Crapper; Tuda, T.; Rogae, E.; Karlinsky, H.; Lippa, C. F.; Pollen, D.: Alzheimer's disease and possible gene interaction (technical comment). p537 28 Jan 1994.
- Stahl, Neil; Boulton, Teri G.; Farruggella, Thomas; Ip, Nancy Y.; Davis, Sam; Witthuhn, Bruce A.; Quelle, Frederick W.; Silvennoinen, Olli; Barbieri, Giovanna; Pellegrini, Sandra; Ihle, James N.; Yancopoulos, George D.: Association and activation of Jak-Tyk kinases by CNTF-LIF-OSM-IL-6 β receptor components. p92 7 Jan 1994.
- Standish, Amelia; Enquist, Lynn W.; Schwaber, James S.: Innervation of the heart and its central medullary origin defined by viral tracing. p232 14 Jan 1994.
- Staunton, James. See Marsden, Andrew F. A.
- Steinbeisser, Herbert. See Niehrs, Christof.
- Steinhardt, Richard A.; Bi, Guoqiang; Alderton, Janet M.: Cell membrane resealing by a vesicular mechanism similar to neurotransmitter release. p390 21 Jan 1994.

Stephenson, D. G. See Lamb, G. D.
 Sternberg, Stephen S.: Is dioxin a human carcinogen? (continued) (letter). p1545 18 Mar 1994.
 Stigler, Stephen M.: The odds of retirement (letter). p1670 25 Mar 1994.
 Stone, Richard (news): Can Carol Browner reform EPA? p312 21 Jan 1994. New radon study: no smoking gun. p465 28 Jan 1994. Program gives some states a head start in bid for grants. p1218 4 Mar 1994. Russia seen poised to drop prosecution of chemist. p1083 25 Feb 1994. Strict ethical rules confound EPA science. p313 21 Jan 1994.
 Storrs, A. D. See Weaver, H. A.
 Stossel, Thomas P. See Vasconcellos, Carol A.
 Straatsma, T. P. See Gilson, M. K.
 Strittmatter, W. J. See Pericak-Vance, M. A.
 Struhl, Kevin: Duality of TBP, the universal transcription factor (perspective). p1103 25 Feb 1994.
 Stryker, Michael P.: Precise development from imprecise rules (perspective). p1244 4 Mar 1994.
 Stupp, Samuel I.: review of *Liquid Crystalline Polymers*, by A. M. Donald and A. H. Windle. p1302 4 Mar 1994.
 Stura, Enrico A. See Haynes, Matthew R.
 Sturgill-Koszycki, Sheila; Schlesinger, Paul H.; Chakraborty, Prasanta; Haddix, Pryce L.; Collins, Helen L.; Fok, Agnes K.; Allen, Richard D.; Gluck, Stephen L.; Heuser, John; Russell, David G.: Lack of acidification in *Mycobacterium* phagosomes produced by exclusion of the vesicular proton-ATPase. p678 4 Feb 1994.
 Suárez, Gerardo. See Comte, Diana.
 Sudo, Tetsuo. See Kondo, Motonari.
 Sugamura, Kazuo. See Kondo, Motonari.
 Sugden, Andrew M. See Pimm, Stuart L.
 Summons, R. E. See Schoell, M.
 Sundström, G.; Mowat, J. R.; Danared, H.; Datz, S.; Broström, L.; Filevich, A.; Källberg, A.; Mannervik, S.; Rensfelt, K. G.; Sigra, P.; Ugglas, M. af; Larsson, M.: Destruction rate of H_3^+ by low-energy electrons measured in a storage-ring experiment. p785 11 Feb 1994.
 Suprijo, A. See Swisher, C. C., III.
 Susskind, Miriam M. See Li, Mei.
 Sussman, J. L. See Gilson, M. K.
 Suzuki, Yoshio. See Sasaki, Yuji C.
 Swanson, Norma N. See Schallreuter, Karin U.
 Swisher, C. C., III; Curtis, G. H.; Jacob, T.; Getty, A. G.; Suprijo, A.; Widiasmoro: Age of the earliest known hominids in Java, Indonesia. p1118 25 Feb 1994.
 Sy, Man-Sun. See Guo, Yajun.

T

Tabib-Azar, Massood. See Jenkins, Phillip P.
 Taga, Tetsuya. See Lütticken, Claudia.
 Taira, M. See Georgopoulos, A. P.
 Takacs, James M. See Liphardt, Martin.
 Takeda, Yasushi; Fischer, Walter E.; Sakakibara, Jun: Decomposition of the modulated waves in a rotating Couette system. p502 28 Jan 1994.
 Takemura, K. See Aoki, K.
 Takeshita, Toshikazu. See Kondo, Motonari.
 Talley, Lynne D. and Johnson, Gregory C.: Deep, zonal subequatorial currents. p1125 25 Feb 1994.
 Tanaka, Yasuo: Recent advances of x-ray astronomy (perspective). p42 7 Jan 1994.
 Tanigaki, Katsumi. See Prassides, Kosmas.
 Taniguchi, T. See Kamijo, R.
 Tank, David W. See Sobel, Erik C.
 Tanko, James M. and Blackert, Joseph F.: Free-radical side-chain bromination of alkylaromatics in supercritical carbon dioxide. p203 14 Jan 1994.
 Tans, Pieter P. See Novelli, Paul C.
 Taskén, Kjetil. See Skålhegg, Bjørn S.
 Taubes, Gary (news): A costly settlement ends whistle-blower suit. p605 4 Feb 1994. Heisenberg's heirs exploit loopholes in his law. p1376 11 Mar 1994. Microwave mappers sweat details.

p1682 25 Mar 1994. Neutrino watchers go to extremes. p28 7 Jan 1994. Putting questions to the cosmic background. p1683 25 Mar 1994. Technology for turning seeing into believing. p318 21 Jan 1994. (science after the Cold War): No easy way to shackle the nuclear demon. p629 4 Feb 1994. Pork and plutonium may not mix. p631 4 Feb 1994. (letter): Superconductor radiation damage after doping. p1549 18 Mar 1994.
 Taylor, Alison. See Berger, Frederic.
 Taylor, Christopher G. See Opperman, Charles H.
 Taylor, K. C. See Mayewski, P. A.
 Thewissen, J. G. M.; Hussain, S. T.; Arif, M.: Fossil evidence for the origin of aquatic locomotion in archaeocete whales. p210 14 Jan 1994.
 Thiel, Daniel J. See Bilderback, Donald H.
 Th'ng, John. See Shi, Lianfa.
 Thomas, Geraint M. H. See Cockcroft, Shamshad.
 Thomas, Ian M. See Prassides, Kosmas.
 Thomas, Peggy E. See Greeley, Ronald.
 Thompson, Larry (news): Fetal tissue research on the rebound. p601 4 Feb 1994.
 Thomson, Keith Stewart: review of *Understanding Scientific Prose*, edited by Jack Selzer. p697 4 Feb 1994.
 Thor, Ann. See Zou, Zhiqiang.
 Tiemann, Bruce G. See Marder, Seth R.
 Tinoco, L., Jr.: Genetics and violent crime (letter). p596 4 Feb 1994.
 Tjian, Robert. See Kaffman, Arie. See also Wang, Edith H.
 Tonks, Nicholas K. See Barford, David.
 Torchilin, Vladimir. See Gref, Ruxandra.
 Tornaletti, Silvia and Pfeifer, Gerd P.: Slow repair of pyrimidine dimers at p53 mutation hotspots in skin cancer. p1436 11 Mar 1994.
 Totty, Nicholas F. See Cockcroft, Shamshad.
 Trafas, G. See Tsuei, C. C.
 Travis, Anthony S.: review of *Alfred Nobel*, by Kenne Fant. p253 14 Jan 1994.
 Travis, John (news): Cosmic structures fill southern skies. p1684 25 Mar 1994. Dialing up undersea data—long distance. p1223 4 Mar 1994. Gamma rays burst out of the galaxy. p467 28 Jan 1994. Gloomy picture for photo astronomers. p750 11 Feb 1994. Hubble photo stars at AAS. p468 28 Jan 1994. Inside look confirms more radiation. p750 11 Feb 1994. M81 steps into the spotlight. p467 28 Jan 1994. Management faulted in postmortem. p167 14 Jan 1994. Opening up the universe. p468 28 Jan 1994. Professor slams MIT over center closure. p1556 18 Mar 1994. Unveiling a tuberculosis drug target. p172 14 Jan 1994. Watching new developments—live. p610 4 Feb 1994. (materials science): Building bridges to the nanoworld. p1702 25 Mar 1994.
 Trenholme, Katharine. See Gupta, Sunetra.
 Trexler, M. C. See Dixon, R. K.
 Trinchieri, Giorgio. See Afonso, Luis C. C.
 Trubetskoy, Vladimir. See Gref, Ruxandra.
 Truong, Oanh. See Cockcroft, Shamshad.
 Tsang, Monica L.-S. See Lodi, Patricia J.
 Tsarfaty, Ilan; Rong, Sing; Resau, James H.; Rulong, Shen; da Silva, Pedro Pinto; Vande Woude, George F.: The Met proto-oncogene mesenchymal to epithelial cell conversion. p98 7 Jan 1994.
 Tschochner, Herbert. See Li, Yang.
 Tsuei, C. C.; Gupta, A.; Trafas, G.; Mitzi, D.: Superconducting mercury-based cuprate films with a zero-resistance transition temperature of 124 kelvin. p1259 4 Mar 1994.
 Tu, Yuan. See Chalfie, Martin.
 Tuda, T. See St George-Hyslop, P.
 Tuinman, A. A. See Jin, Changming.
 Tukalo, Michael. See Belrhali, Hassan. See also Biou, Valérie.
 Turner, William J.: Smallpox virus stocks: more votes (letter). p903 18 Feb 1994.
 Turnipseed, Andrew A. See Ravishankara, A. R.
 Twickler, M. S. See Mayewski, P. A.

U

Ugglas, M. af. See Sundström, G.
 Um, Kyung Sun. See Banerjee, Asesh.
 Umbach, Joy A. See Mastrogiacomo, Alessandro.
 Unterwald, Ellen M.: review of *Biological Basis of Substance Abuse*, edited by Stanley G. Korenman and Jack D. Barchas. p1456 11 Mar 1994.

V

Vahala, Kerry: review of *Quantum Well Lasers*, edited by Peter S. Zory, Jr. p699 4 Feb 1994.
 Valentine, Marcus B. See Morris, Stephan W.
 Valigra, Lori (news): Academic biotech deals offer more promise than product. p168 14 Jan 1994.
 Van Alfen, Neal K.: review of *Biotechnology in Plant Disease Control*, edited by Ilan Chet. p1163 25 Feb 1994.
 van der Vink, Gregory E. and Park, Jeffrey: Nuclear test ban monitoring: new requirements, new resources (policy forum). p634 4 Feb 1994.
 van Oers, Nicolai S. C. See Iwashima, Makio.
 Vande Woude, George F. See Tsarfaty, Ilan.
 Vanderah, T. A. See Skelton, E. F.
 Varshavsky, Alexander. See Dohmen, R. Jürgen.
 Vasconcellos, Carol A.; Allen, Philip G.; Wohl, Mary Ellen; Drazen, Jeffrey M.; Janmey, Paul A.; Stossel, Thomas P.: Reduction in viscosity of cystic fibrosis sputum in vitro by gelsolin. p969 18 Feb 1994.
 Vase, P. See Fischer, G. M.
 Venter, J. Craig. See Papadopoulos, Nickolas.
 Vermaas, Wim F. J.: review of *The Photosynthetic Reaction Center*, edited by Johann Deisenhofer and James R. Norris. p545 28 Jan 1994.
 Vestyck, Daniel J. See Lee, Szetsen Steven.
 Vieira, Leda Q. See Afonso, Luis C. C.
 Vilček, J. See Kamijo, R.
 Viswanathan, R. See Schwartz, D. K. See also Zasadzinski, J. A.
 Vitug, Marites D.: Fighting the patriarchy in growing numbers (women in science '94). p1491 11 Mar 1994.
 Viville, Stéphane. See Bodmer, Helen.
 Vogelstein, Bert. See Papadopoulos, Nickolas.
 Vogt, T.; Fitch, A. N.; Cockcroft, J. K.: Crystal and molecular structures of rhenium heptafluoride. p1265 4 Mar 1994.
 von Hippel, Peter H.: Protein-DNA recognition: new perspectives and underlying themes (perspective). p769 11 Feb 1994.
 Vos, Willem L. See Duffy, Thomas S..
 Voss, David F. and Koshland, Daniel E., Jr.: Truth in Super Collider criticism (letter). p903 18 Feb 1994.
 Voshall, Leslie B.; Price, Jeffrey L.; Sehgal, Amita; Saez, Lino; Young, Michael W.: Block in nuclear localization of period protein by a second clock mutation, *timeless*. p1606 18 Mar 1994.

W

Waldeck, David H. See Haran, Avner.
 Walker, J. Douglas. See Coleman, Drew S.
 Wall, Stephen D. See Greeley, Ronald.
 Wallace, Valerie A. See Sebzdá, Eric.
 Wallerstein, Robert S.: Psychiatry at UCSF (letter). p901 18 Feb 1994.
 Walter, Niklaus. See Zinsmaier, Konrad E.
 Wang, Edith H. and Tjian, Robert: Promoter-selective transcriptional defect in cell cycle mutant ts13 rescued by hTAF_{II}250. p811 11 Feb 1994.
 Wang, Tongwen. See Bassing, Craig H.
 Wang, Xiao-Fan. See Bassing, Craig H.
 Wang, Xiaoning. See Guo, Yajun.
 Ward, Michael D. See Hillier, Andrew C.
 Ward, William W. See Chalfie, Martin.
 Watson, Patrice. See Papadopoulos, Nickolas.
 Weatherbee, James A. See Lodi, Patricia J.
 Weaver, H. A.; Feldman, P. D.; A'Hearn, M. F.;

Arpigny, C.; Brown, R. A.; Helin, E. F.; Levy, D. H.; Marsden, B. G.; Meech, K. J.; Larson, S. M.; Noll, K. S.; Scotti, J. V.; Sekanina, Z.; Shoemaker, C. S.; Shoemaker, E. M.; Smith, T. E.; Storrs, A. D.; Yeomans, D. K.; Zellner, B.: Hubble Space Telescope observations of comet P/Shoemaker-Levy 9 (1993e). p787 11 Feb 1994.

Weber, Patricia C. See Lam, Patrick Y. S.

Wegenka, Ursula M. See Lütticken, Claudia.

Wei, Ying-Fei. See Papadopoulos, Nickolas.

Weigl, Debra. See Lovejoy, Brett.

Weiner, Herbert: Psychiatry at UCSF (letter). p901 18 Feb 1994.

Weiss, Arthur. See Iwashima, Makio.

Weitz, Catherine M. See Greeley, Ronald.

Whitesides, George M. See Kumar, Amit.

Whitlow, S. See Mayewski, P. A.

Widiasmoro. See Swisher, C. C., III.

Widner, Håkan: NIH neural transplantation funding (letter). p737 11 Feb 1994.

Wier, W. Gil. See Murphy, Timothy H.

Wilks, Andrew F. See Lütticken, Claudia.

Williams, David B. See Jackson, Michael R.

Wilson, Ian A. See Haynes, Matthew R.

Wilson, Theresa. See Banerjee, Asesh.

Winn, Mark J. See Montague, P. Read.

Winograd, Isaac J. See Coplen, Tyler B.

Wisniewski, J. See Dixon, R. K.

Witthuhn, Bruce A. See Stahl, Neil.

Wohl, Mary Ellen. See Vasconcellos, Carol A.

Wolf, Veronica J. See Gottesfeld, Joel M.

Wong, Y. Nancy. See Lam, Patrick Y. S.

Wood, John M. See Schallreuter, Karin U.

Wu, Jian-young; Cohen, Lawrence B.; Falk, Chun Xiao: Neuronal activity during different behaviors in *Aplysia*: a distributed organization? p820 11 Feb 1994.

Wu, Mengchao. See Guo, Yajun.

Wu, Peipei. See Dohmen, R. Jürgen.

Wu, Tzu-Chen and Lichten, Michael: Meiosis-induced double-strand break sites determined by yeast chromatin structure. p515 28 Jan 1994.

Wumkes, W. See Mayewski, P. A.

Wyatt, R. E. See D'Mello, M. J.

Wylter, R. See Branda, N.

Wysocka, Maria. See Afonso, Luis C. C.

X

Xie, Ting; Finelli, Alyce L.; Padgett, Richard W.: The *Drosophila saxophone* gene: a serine-threonine kinase receptor of the TGF- β superfamily. p1756 25 Mar 1994.

Xie, Zuowei. See Reed, Christopher A.

Xu, Yuhui. See Rajagopalan, Sumati.

Y

Yamamoto, Yoshihisa: The quantum optical repeater (perspective). p1394 11 Mar 1994.

Yamawaki, H. See Aoki, K.

Yancopoulos, George D. See Stahl, Neil.

Yang, Jing-Hua; Cedergren, Robert; Nadal-Ginard, Bernardo: Catalytic activity of an RNA domain derived from the U6-U4 RNA complex. p77 7 Jan 1994.

Yaremchuk, Anna. See Belrhali, Hassan. See also Biou, Valérie.

Yasukawa, Kiyoshi. See Lütticken, Claudia.

Yeomans, D. K. See Weaver, H. A.

Yerushalmi-Rozen, Rachel; Klein, Jacob; Fettes, Lewis J.: Suppression of rupture in thin, nonwetting liquid films. p793 11 Feb 1994.

Yeung, Rae S. M. See Sebzda, Eric.

Yingling, Jonathan M. See Bassing, Craig H.

Yoshida, Hiroshi. See Ito, Kensaku.

Yost, William: review of *Thinking in Sound*, edited by Stephen McAdams and Emmanuel Bigand. p108 7 Jan 1994.

Young, Michael W. See Sehgal, Amita. See also Voshall, Leslie B.

Yuan, Junying. See Gagliardini, Valeria.

Yuan, Juping. See Lütticken, Claudia.

Yuan, Yan and Altman, Sidney: Selection of guide sequences that direct efficient cleavage of mRNA by human ribonuclease P. p1269 4 Mar 1994.

Z

Zakian, Virginia. See Long, Sharon R.

Zampighi, Guido A. See Mastrogiacomio, Alessandro.

Zasadzinski, J. A. See Schwartz, D. K.

—; Viswanathan, R.; Madsen, L.; Garnaes, J.; Schwartz, D. K.: Langmuir-Blodgett films. p1726 25 Mar 1994.

Zellner, B. See Weaver, H. A.

Zha, Chang-sheng. See Duffy, Thomas S.

Zhang, Jie; Dawson, Valina L.; Dawson, Ted M.; Snyder, Solomon H.: Nitric oxide activation of poly(ADP-ribose) synthetase in neurotoxicity. p687 4 Feb 1994.

Zhang, Lei. See Liphardt, Martin.

Zhang, Shizhong. See Lambert, Joseph B.

Zhou, O.; Fleming, R. M.; Murphy, D. W.; Chen, C. H.; Haddon, R. C.; Ramirez, A. P.; Glarum, S. H.: Defects in carbon nanostructures. p1744 25 Mar 1994.

Zhou, Tong. See Cheng, Jianhua.

Ziegler, Irmgard. See Schallreuter, Karin U.

Ziemiecki, Andrew. See Lütticken, Claudia.

Zinsmaier, Konrad E.; Eberle, Kai K.; Buchner, Erich; Walter, Niklaus; Benzer, Seymour: Paralysis and early death in cysteine string protein mutants of *Drosophila*. p977 18 Feb 1994.

Zohary, Ehud; Celebrini, Simona; Britten, Kenneth H.; Newsome, William T.: Neuronal plasticity that underlies improvement in perceptual performance. p1289 4 Mar 1994.

Zoon, Kathryn C.: Minnesota drug sales (letter). p453 28 Jan 1994.

Zou, Zhiqiang; Anisowicz, Anthony; Hendrix, Mary J. C.; Thor, Ann; Neveu, Mark; Sheng, Shijie; Rafidi, Kristina; Seftor, Elisabeth; Sager, Ruth: Maspain, a serpin with tumor-suppressing activity in human mammary epithelial cells. p526 28 Jan 1994.

Zúñiga-Pflücker, Juan Carlos. See Critchfield, Jeffrey M.

Zyss, Joseph. See Lacroix, Pascal G.