

Author Index Volume 274

October–December 1996

A and B

- AAAS News & Notes: AAAS members distinguished for contributions to science. p638 25 Oct 1996. Election results for AAAS officers. p2127 20 Dec 1996. Groups seek to reduce errors in health care. p637 25 Oct 1996. Mildred S. Dresselhaus—1997 AAAS president. p1557 29 Nov 1996. A window on ourselves and others. p635 25 Oct 1996.
- Abdelsalam, Mohamed Gamal. See Stern, Robert J.
- Abe, Osamu. See Mitsuguchi, Takehiro.
- Abel, Kristina. See Genain, Claude P.
- Abelson, Philip H. (editors): Materials research and applications. p1283 22 Nov 1996. Preparing children for the future. p1819 13 Dec 1996.
- Abrahams, Elihu and Kotliar, Gabriel: The metal-insulator transition in correlated disordered systems (perspective). p1853 13 Dec 1996.
- Ackerson, K. L. See Frank, L. A.
- Adachi, Shin-ichi. See Šrājer, Vukica.
- Adams, Mark D. See Jacobs, William. See also Schuler, G. D. _____; and Venter, J. Craig: Should non-peer-reviewed raw DNA sequence data release be forced on the scientific community? (policy forum). p534 25 Oct 1996.
- Adamson, D. Cory; Wildemann, Brigitte; Sasaki, Masayuki; Glass, Jonathan D.; McArthur, Justin C.; Christov, Veselin I.; Dawson, Ted M.; Dawson, Valina L.: Immunologic NO synthase: elevation in severe AIDS dementia and induction by HIV-1 gp41. p1917 13 Dec 1996.
- Appli, Gabriel. See Jørgensen, James D.
- Aggarwal, A. See Schuler, G. D.
- Agnew, Harold M.: Future tritium supply (letter). p704 1 Nov 1996.
- Aitchison, John D.; Blobel, Günter; Rout, Michael P.: Kap104p: a karyopherin involved in the nuclear transport of messenger RNA binding proteins. p624 25 Oct 1996.
- Albert, Patrice S. See Ren, Peifeng.
- Allakhverdov, Andrey and Pokrovsky, Vladimir (news): Funding delay spawns hunger strike. p172 11 Oct 1996.
- Allen, Myles R. See Tett, Simon F. B.
- Allison, Janette. See Blanas, Effrossini.
- Alsdorf, D. See Brown, L. D. See also Nelson, K. D.
- Als-Nielsen, Jens. See Kuzmenko, Ivan.
- Alt, Aya. See Hodge, Martin R.
- Altenbach, Christian. See Farrens, David L.
- Altman, John D.; Moss, Paul A. H.; Goulder, Philip J. R.; Barouch, Dan H.; McHeyzer-Williams, Michael G.; Bell, John I.; McMichael, Andrew J.; Davis, Mark M.: Phenotypic analysis of antigen-specific T lymphocytes. p94 4 Oct 1996.
- Alvarez-Marrón, J. See Echtlér, H. P.
- Amaducci, Luigi: Alzheimer's original patient (letter). p328 18 Oct 1996.
- Ambrose, Barbara A. See Mena, Montaña.
- Ameisen, Jean Claude: Programmed cell death (letter). p20 4 Oct 1996.
- Amikura, Reiko. See Nakamura, Akira.
- Anastasiadis, Spiros H. See Fytas, George.
- Anders, Edward: Evaluating the evidence of past life on Mars (technical comment). p2119 20 Dec 1996.
- Andersen, Roy M. See Nowak, Martin A.
- Anderson, Matt S. See Onishi, H. Russell.
- Anger, C. See Belton, M. J. S.
- Antón, S. C. See Swisher, C. C., III.
- Arents, Gina. See Pruss, Dmitry.
- Armstrong, J. Douglas. See Connolly, John B.
- Armstrong, T. P. See Williams, D. J.
- Arnold, John R. P. See Scott, William G.
- Artymuk, Peter J. See Rafferty, John B.
- Arvidsson, Ronald: Fennoscandian earthquakes: whole crustal rupturing related to postglacial rebound. p744 1 Nov 1996.
- Asamitsu, A. See Kimura, T.
- Asher, Sanford A. See Weissman, Jesse M.
- Aslin, Richard N. See Saffran, Jenny R.
- Aspray, William: review of *The Invention That Changed the World*, by Robert Buderi. p199 11 Oct 1996.
- Aszodi, Attila. See Pfeifer, Alexander.
- Atchison, Robert E.; Gosling, Jennifa; Monteclaro, Felipe S.; Franci, Christian; Digilio, Laura; Charo, Israel F.; Goldsmith, Mark A.: Multiple extracellular elements of CCR5 and HIV-1 entry: dissociation from response to chemokines. p1924 13 Dec 1996.
- Atzorn, R. See O'Donnell, P. J.
- Auffray, C. See Schuler, G. D.
- Ayramova, Zoya. See SanMiguel, Phillip.
- Ayala, Francisco J.: HLA sequence polymorphism and the origin of humans (technical comment). p1554 29 Nov 1996.
- Bach, Mary Elizabeth. See Mayford, Mark.
- Bagla, Pallava and Kaiser, Jocelyn (news): India's spreading health crisis draws global arsenic experts. p174 11 Oct 1996.
- Baguhl, M. See Zook, H. A.
- Bailey-Wilson, Joan E. See Smith, Jeffrey R.
- Baines, K. See Carlson, R.
- Bajorek, E. See Schuler, G. D.
- Baker, Patrick J. See Baldock, Clair. See also Rafferty, John B. Balatz, Anna C.: Capturing the dynamic behavior of adsorbed polymers (perspective). p2036 20 Dec 1996.
- Balbach, Jochen; Forge, Vincent; Lau, Wai Shun; van Nuland, Nico A. J.; Brew, Keith; Dobson, Christopher M.: Protein folding monitored at individual residues during a two-dimensional NMR experiment. p161 15 Nov 1996.
- Baldock, Clair; Rafferty, John B.; Sedelnikova, Svetlana E.; Baker, Patrick J.; Stuitje, Antoine R.; Slabas, Antoni R.; Hawkes, Timothy R.; Rice, David W.: A mechanism of drug action revealed by structural studies of enoyl reductase. p2107 20 Dec 1996.
- Baldwin, Albert S., Jr. See Wang, Cun-Yu.
- Balfour, Henry H., Jr. See Haase, Ashley T.
- Ballester, Gilda E. See Clarke, John T. _____; Clarke, John T.; Trauger, John T.; Harris, Walter M.; Stapelfeldt, Karl R.; Crisp, David; Evans, Robin W.; Burgh, Eric B.; Burrows, Christopher J.; Casertano, Stefano; Gallagher, John S., III; Griffiths, Richard E.; Hester, J.; Hoessl, John G.; Holtzman, Jon A.; Krist, John E.; Meadows, Vickki; Mould, Jeremy R.; Sahai, Raghvendra; Scowen, Paul A.; Watson, Alan M.; Westphal, James A.: Time-resolved observations of Jupiter's far-ultraviolet aurora. p409 18 Oct 1996.
- Balling, P. See Schoenlein, R. W.
- Balter, Michael (news): Cancer charity's rehabilitation set back. p336 18 Oct 1996. Generous funding wins a seat at the genome top table. p1293 22 Nov 1996. HIV's other immune-system targets: macrophages. p1464 29 Nov 1996. New research strategy draws criticism. p171 11 Oct 1996. Scientists with clout. p1292 22 Nov 1996.
- Baltimore, David. See Beg, Amer A.
- Bambach, Richard K. See Knoll, Andrew H.
- Bankoff, D. See Belton, M. J. S.
- Barbinis, E. See Carlson, R.
- Barinaga, Marcia (news): The anatomy of learning. p1612 6 Dec 1996. California bans affirmative action. p1073 15 Nov 1996. Life-death balance within the cell. p724 1 Nov 1996. Mutant mice and worms help solve mysteries of olfaction. p500 25 Oct 1996. Neurons put the uncertainty into reaction times. p344 18 Oct 1996. New view of spinal cord injury. p1466 29 Nov 1996. PER protein in silkworms marches to different drummer. p1306 22 Nov 1996. (special report): Guiding neurons to the cortex. p1100 15 Nov 1996.
- Barker, Edward. See Mackewicz, Carl E.
- Barnes-Davies, Margaret. See Takahashi, Tomoyuki.
- Barouch, Dan H. See Altman, John D.
- Barri, Valarie. See Taylor, Simeon I.
- Barrell, B. G. See Goffeau, A.
- Barrie, John M. and Presti, David E.: The World Wide Web as an instructional tool (perspective). p371 18 Oct 1996.
- Bar-Sagi, Dafna. See Joneson, Tom.
- Bartholomew, Blaine. See Pruss, Dmitry.
- Bartram, Claus R. See Schwarz, Klaus.
- Bates, Elizabeth and Elman, Jeffrey: Learning rediscovered (perspective). p1849 13 Dec 1996.
- Baumeister, Wolfgang. See Tamura, Tomohiro.
- Bayley, Hagan. See Song, Langzhou.
- Beachy, Philip A. See Porter, Jeffery A.
- Bearse, Peter: Strategic research (letter). p325 18 Oct 1996.
- Beatty, Terri H. See Smith, Jeffrey R.
- Beaudet, Arthur L. See Lindberg, Frederik P.
- Becker, K. See Carlson, R.
- Beckmann, J. S. See Schuler, G. D.
- Beebe, R. F. See Belton, M. J. S.
- Beg, Amer A. and Baltimore, David: An essential role for NF- κ B in preventing TNF- α -induced cell death. p782 1 Nov 1996.
- Bell, Jeffrey F.: Evaluating the evidence of past life on Mars (technical comment). p2121 20 Dec 1996.
- Bell, John I. See Altman, John D.
- Bell, M. See Belton, M. J. S.
- Belmar, Nicole. See Genain, Claude P.
- Belton, M. J. S.; Head, J. W., III; Ingersoll, A. P.; Greeley, R.; McEwen, A. S.; Klaasen, K. P.; Senske, D.; Pappalardo, R.; Collins, G.; Vasavada, A. R.; Sullivan, R.; Simonelli, D.; Geissler, P.; Carr, M. H.; Davies, M. E.; Everaerts, J.; Gierasch, P. J.; Banfield, D.; Bell, M.; Chapman, C. R.; Anger, C.; Greenberg, R.; Neukum, G.; Pilcher, C. B.; Beebe, R. F.; Burns, J. A.; Fanale, F.; Ip, W.; Johnson, T. V.; Morrison, D.; Moore, J.; Orton, G. S.; Thomas, P.; West, R. A.: Galileo's first images of Jupiter and the Galilean satellites. p377 18 Oct 1996.
- Benezra, Robert. See Li, Yong.
- Bengel, Dietmar. See Lesch, Klaus-Peter.
- Benjamin, Jonathan. See Lesch, Klaus-Peter.
- Berner, Steven A.; Geroff, Dietlind L.; Rozell, J. David: Protein structure prediction (letter). p1448 29 Nov 1996.
- Bennetzen, Jeffrey L. See SanMiguel, Phillip.
- Bennike, Ole. See Björck, Svante.
- Benson, Larry V. See Phillips, Fred M. _____; Burdett, James W.; Kashgarian, Michael; Lund, Steve P.; Phillips, Fred M.; Rye, Robert O.: Climatic and hydrologic oscillations in the Owens Lake basin and adjacent Sierra Nevada, California. p746 1 Nov 1996.
- Bentley, David R.: Genomic sequence information should be released immediately and freely in the public domain (policy forum). p533 25 Oct 1996. See also Schuler, G. D.
- Bentolila, S. See Schuler, G. D.
- Bergh, Anders. See Smith, Jeffrey R.
- Bergström, Tomas F. See Erlich, Henry A.
- Bernath, P. F. See Zhang, K.
- Berno, Anthony. See Chee, Mark.
- Berry, R. See Schuler, G. D.
- Berzin, R. See Knapp, J. H. _____; Oncken, O.; Knapp, J. H.; Pérez-Estaún, A.; Hisamatulin, T.; Yunusov, N.; Lipilin, A.: Orogenic evolution of the Ural Mountains: results from an integrated seismic experiment. p220 11 Oct 1996.
- Betts, D. E. See McClain, J. B.
- Biella, G. See Zollo, A.
- Bikak, Gabriel; Carey, Jacqueline; Ciallella, John R.; Tarakhovsky, Alexander; Bondada, Subbarao: CD5-mediated negative regulation of antigen receptor-induced growth signals in B-1 B cells. p1906 13 Dec 1996.
- Billok, Vincent A.: Consequences of retinal color coding for cortical color decoding (technical comment). p 2118 Dec 1996.
- Birren, B. B. See Schuler, G. D.
- Bischoff, James R.; Kirn, David H.; Williams, Angelica; Heise, Carla; Horn, Sharon; Munro, Mike; Ng, Lelia; Nye, Julie A.; Sampson-Johannes, Adam; Fattaey, Ali; McCormick, Frank: An adenovirus mutant that replicates selectively in p53-deficient human tumor cells. p373 18 Oct 1996.
- Bishai, William. See Jacobs, William.
- Biswas, Kaustav. See Liang, Rui.
- Björck, Svante; Kromer, Bernd; Johnsen, Sigfus; Bennike, Ole; Hammarlund, Dan; Lendahl, Geoffrey; Possnert, Göran; Rasmussen, Tine Lander; Wohlfarth, Barbara; Hammer, Claus Uffe; Spurk, Marco: Synchronized terrestrial-atmospheric geological records around the North Atlantic. p1155 15 Nov 1996.
- Blackmore, Stephen: Knowing the Earth's biodiversity: chal-

- lenges for the infrastructure of systematic biology (policy forum). p63 4 Oct 1996.
- Blanas, Effrossini; Carbone, Francis R.; Allison, Janette; Miller, Jacques F. A. P.; Heath, William R.: Induction of autoimmune diabetes by oral administration of autoantigen. p1707 6 Dec 1996.
- Blanchard, Scott C. See Fourmy, Dominique.
- Blass, William E. See Chin, Gordon.
- Blobel, Günter. See Aitchison, John D.
- Bloom, Floyd E.: An Internet review: the compleat neuroscientist scours the World Wide Web. p1104 15 Nov 1996. (editorials): Breakthroughs of the year, 1996. p1987 20 Dec 1996; My 3 cents' worth. p321 18 Oct 1996.
- Boering, K. A.; Wofsy, S. C.; Daube, B. C.; Schneider, H. R.; Loewenstein, M.; Podolske, J. R.; Conway, T. J.: Stratospheric mean ages and transport rates from observations of carbon dioxide and nitrous oxide. p1340 22 Nov 1996.
- Boerlijst, Maarten C. See Nowak, Martin A.
- Boguski, M. S. See Schuler, G. D.
- Böhmer, R. See Schiener, B.
- Boise, Lawrence H. and Thompson, Craig B.: Hierarchical control of lymphocyte survival (perspective). p67 4 Oct 1996.
- Bolton, S. J. See Frank, L. A. See also Gurnett, D. A.
- Bondada, Subbarao. See Bikah, Gabriel.
- Bonhoeffer, Sebastian. See Nowak, Martin A.
- Bonner, R. See Nozette, S.
- Bonner, Robert F. See Emmert-Buck, Michael R.
- Booker, John R. See Chen, Leshou. See also Nelson, K. D.
- Borelli, Thomas and Kassman, Allen: Meeting standards (letter). p1995 20 Dec 1996.
- Bornand, T. See Hahne, M.
- Boschi, E. See Zollo, A.
- Bose, Suchira; Weikl, Tina; Bügl, Hans; Buchner, Johannes: Chaperone function of Hsp90-associated proteins. p1715 6 Dec 1996.
- Boshoff, Chris. See Moore, Patrick S.
- Botkin, Jeffrey R.: Whose genes are they and how can we identify them? (letter). p903 8 Nov 1996.
- Botstein, David. See Smith, Victoria.
- Bourgeois, Dominique. See Šrayer, Vukica.
- Bouwman, Wim G. See Kuzmenko, Ivan.
- Bova, G. Steven. See Smith, Jeffrey R.
- Bowles, D. J. See O'Donnell, P. J.
- Bowyer, Stuart. See Lieu, Richard.
- ; Lampton, Michael; Lieu, Richard: Extreme-ultraviolet flux from the Virgo cluster: further evidence for a 500,000-Kelvin component. p1338 22 Nov 1996.
- Brady, S. See Schuler, G. D.
- Brandon, R. See Schuler, G. D.
- Brazas, Robert and Ganem, Don: A cellular homolog of hepatitis delta antigen: implications for viral replication and evolution. p90 4 Oct 1996.
- Breen, Jeffrey O. See Lieu, Richard.
- Breeze, Peter. See Moore, George P.
- Brennan, Patrick. See Jacobs, William.
- Brew, Keith. See Balbach, Jochen.
- Briggs, Steven P. See Mena, Montaña.
- Bromann, Karsten; Félix, Christian; Brune, Harald; Harbich, Wolfgang; Monot, René; Buttet, Jean; Kern, Klaus: Controlled deposition of size-selected silver nanoclusters. p956 8 Nov 1996.
- Brown, D. L. See Knapp, J. H.
- Brown, Eric J. See Lindberg, Frederik P.
- Brown, L. D. See Knapp, J. H. See also Makovsky, Yizhaq. See also Nelson, K. D.
- ; Zhao, Wenjin; Nelson, K. D.; Hauck, M.; Alsdorf, D.; Ross, A.; Cogan, M.; Clark, M.; Liu, Xianwen; Che, Jinkai: Bright spots, structure, and magnetism in southern Tibet from INDEPTH seismic reflection profiling. p1688 6 Dec 1996.
- Brown, Patrick O. See Smith, Victoria.
- Brown, Stephen M. See Marko, István E.
- Browne, John C.: Tritium production (letter). p482 25 Oct 1996.
- Brownstein, Michael J. See Smith, Jeffrey R.
- Brune, Harald. See Bromann, Karsten.
- Brune, William. The elusive hydroxyl revisited (perspective). p1153 15 Nov 1996.
- Brunmark, Anders. See Garcia, K. Christopher.
- Brynjólfsson, Erik. See Van Alstyne, Marshall.
- Buchner, Johannes. See Bose, Suchira.
- Budai, John D. See Norton, David P.
- Bügl, Hans. See Bose, Suchira.
- Buijken, William J. See Haselkorn, Robert.
- Bujnovszky, Piroska. See Smith, Jeffrey R.
- Bukowski, Mark S. T. See Thomson, Kendall T.
- Bulgakov, R. See Knapp, J. H.
- Bullard, Daniel C. See Lindberg, Frederik P.
- Buller, Ronith. See Kuzmenko, Ivan.
- Bulloch, A. G. M. See Fainzilber, M.
- Burdett, James W. See Benson, Larry V.
- Burgh, Eric B. See Ballester, Gilda E.
- Burland, D. M. See Lundquist, P. M.
- Burns, J. A. See Belton, M. J. S.
- Burns, Joseph A. See Gladman, Brett J.
- Burns, R. See Carlson, R.
- Burrows, Christopher J. See Ballester, Gilda E. See also Clarke, John T.
- Bush, M. B. See Colinvaux, P. A.
- Bussey, H. See Goffeau, A.
- Butler, A. See Schuler, G. D.
- Buttet, Jean. See Bromann, Karsten.
- C and D**
- Calcutt, S. See Carlson, R.
- Caldeira, Ken: Late Permian extinctions (technical comment). p1550 29 Nov 1996.
- Calleja, Manuel; Moreno, Eduardo; Pelaz, Soraya; Morata, Ginés: Visualization of gene expression in living adult *Drosophila*. p252 11 Oct 1996.
- Calvert, C. See O'Donnell, P. J.
- Calvin, W. See Carlson, R.
- Calzada, Jean-Philippe Vielle; Crane, Charles F.; Stelly, David M.: Apomixis: the asexual revolution (perspective). p1322 22 Nov 1996.
- Campman, K. L. See Livermore, C.
- Canelas, D. A. See McClain, J. B.
- Canfield, Donald. See Knoll, Andrew H.
- Cao, Cong: Plagiarism in China (letter). p1821 13 Dec 1996.
- Capowski, Elizabeth E. See Lieb, Jason D.
- Capuano, P. See Zollo, A.
- Carbone, Francis R. See Blanas, Effrossini.
- Carbonell, R.; Pérez-Estaún, A.; Gallart, J.; Diaz, J.; Kashubin, S.; Mechic, J.; Stadtlander, R.; Schulze, A.; Knapp, J. H.; Morozov, A.: Crustal root beneath the Urals: wide-angle seismic evidence. p222 11 Oct 1996.
- Carey, Jacqueline. See Bikah, Gabriel.
- Carlén, Norman F.: Sex and gender (letter). p1595 6 Dec 1996.
- Carlén, David B.: Calcification rates in corals (technical comment). p117 4 Oct 1996.
- Carlson, R.; Smythe, W.; Baines, K.; Barbinis, E.; Becker, K.; Burns, R.; Calcutt, S.; Calvin, W.; Clark, R.; Danielson, G.; Davies, A.; Drossart, P.; Encrenza, T.; Fanale, F.; Granahan, J.; Hansen, G.; Herrera, P.; Hibbits, C.; Hui, J.; Irwin, P.; Johnson, T.; Kamp, L.; Kieffer, H.; Leader, F.; Lelloch, E.; Lopes-Gautier, R.; Matson, D.; McCord, T.; Mehlman, R.; Ocampo, A.; Orton, G.; Roos-Serote, M.; Segura, M.; Shirley, J.; Soderblom, L.; Stevenson, A.; Taylor, F.; Torsen, J.; Weir, A.; Weissman, P.: Near-infrared spectroscopy and spectral mapping of Jupiter and the Galilean satellites: results from Galileo's initial orbit. p385 18 Oct 1996.
- Carpenter, John M. See Jorgensen, James D.
- Carpenter, Patricia A. See Just, Marcel Adam.
- Carpenter, John D. See Smith, Jeffrey R.
- Carr, M. H. See Belton, M. J. S.
- Carré, Isabelle A. See Hicks, Karen A.
- Carrington, Alan: Microwave spectroscopy at the dissociation limit. p1327 22 Nov 1996.
- Carrington, Mary. See Dean, Michael.
- Case, Ted J.: review of *Krakatau*, by Ian Thornton. p1320 22 Nov 1996.
- Casertano, Stefano. See Ballester, Gilda E. See also Clarke, John T.
- Castle, A. B. See Schuler, G. D.
- Caver, Tony E. See Lindberg, Frederik P.
- Cavert, Winston. See Haase, Ashley T.
- Cebula, Thomas A. See LeClerc, J. Eugene.
- Cejka, Zdenka. See Tamura, Tomohiro.
- Cerenius, Yngve. See Saxena, Surendra K.
- Cerottini, J.-C. See Hahne, M.
- Chamberlin, R. V. See Schiener, B.
- Chambon, Pierre. See Lefebvre, Olivier.
- Chan, Chi-Kin; Hofrichter, James; Eaton, William A.: Optical triggers of protein folding (technical comment). p628 25 Oct 1996.
- Chandrasekhar, Bhaskar. See Lapham, Cheryl K.
- Charnfreau, Guillaume; Noble, Suzanne M.; Guthrie, Christine: Essential yeast protein with unexpected similarity to subunits of mammalian cleavage and polyadenylation specificity factor (CPSF). p1511 29 Nov 1996.
- Chang, B. H. See Li, W. Z.
- Chang, Jeff H. See Scofield, Steven R.
- Chang, Hui-Chen Jane. See Duina, Andrea A.
- Chang, Yuan. See Moore, Patrick S.
- Chap, Hugues. See Ireton, Keith.
- Chapman, C. R. See Belton, M. J. S.
- Chapman, Paul. See Hsiao, Karen.
- Chapuisat, Michel. See Sundström, Liselotte.
- Charbonneau, S. See Fafard, S.
- Charlesworth, Brian. See Coyne, Jerry A.
- Charnov, Eric L. See Hrdy, Sarah Blaffer.
- Charo, Israel F. See Atchison, Robert E.
- Châtelain, A. See Ugarte, D.
- Chattopadhyay, S. See Schoenlein, R. W.
- Chavez, F. P. See Paytan, A.
- Che, Jinkai. See Brown, L. D. See also Nelson, K. D.
- Chee, Mark; Yang, Robert; Hubbell, Earl; Berno, Anthony; Huang, Xiaohua C.; Stern, David; Winkler, Jim; Lockhart, David J.; Morris, Macdonald S.; Fodor, Stephen P. A.: Accessing genetic information with high-density DNA arrays. p610 25 Oct 1996.
- Cheley, Stephen. See Song, Langzhou.
- Chen, Leshou. Booker, John R.; Jones, Alan G.; Wu, Nong; Unsworth, Martyn J.; Wei, Wenbo; Tan, Handong: Electrically conductive crust in southern Tibet from INDEPTH magnetotelluric surveying. p1694 6 Dec 1996.
- Chen, Li-Mei; Hobbie, Silke; Galán, Jorge E.: Requirement of CDC42 for *Salmonella*-induced cytoskeletal and nuclear responses. p2115 20 Dec 1996.
- Chen, Meng-Hsin. See Onishi, H. Russell.
- Chen, Rey-Huei; Waters, Jennifer C.; Salmon, E. D.; Murray, Andrew W.: Association of spindle assembly checkpoint component XMAD2 with unattached kinetochores. p242 11 Oct 1996.
- Chen, Yanhsao; Smith, Patrick E.; Evensen, Norman M.; York, Derek; Lajoie, Kenneth R.: The edge of time: dating young volcanic ash layers with the ^{40}Ar - ^{39}Ar laser probe. p1176 15 Nov 1996.
- Chenard, Marie-Pierre. See Lefebvre, Olivier.
- Cheng, Pei Feng. See Gallant, Peter.
- Chew, Sek Jin; Vicario, David S.; Nottebohm, Fernando: Quantal duration of auditory memories. p1909 13 Dec 1996.
- Chiannilkulchai, N. See Schuler, G. D.
- Chillura-Martino, D. See McClain, J. B.
- Chin, A. H. See Schoenlein, R. W.
- Chin, Gordon; Senesac, Larry R.; Blass, William E.; Hillman, John J.: Stabilizing lead-salt diode lasers: understanding and controlling chaotic frequency emission. p1498 29 Nov 1996.
- Chinery, Rebecca and Coffey, Robert J.: Trefoil peptides: less clandestine in the intestine (perspective). p204 11 Oct 1996.
- Chinnaian, Arul M.; O'Rourke, Karen; Yu, Guo-Liang; Lyons, Robert H.; Garg, Manish; Duan, D. Roxanne; Xing, Lily; Gentz, Reiner; Ni, Jian; Dixit, Vishva M.: Signal transduction by DR3, a death domain-containing receptor related to TNFR-1 and CD95. p990 8 Nov 1996.
- Cho, Glen. See Doolittle, Russell F.
- Chou, Karen N. See Smith, Victoria.
- Christen, David K. See Norton, David P.
- Christov, Vesselin I. See Adamson, D. Cory.
- Chu, A. See Schuler, G. D.
- Chuang, Pao-Tien; Lieu, Jason D.; Meyer, Barbara J.: Sex-specific assembly of a dosage compensation complex on the nematode X chromosome. p1736 6 Dec 1996.
- Chuaqui, Rodrigo F. See Emmert-Buck, Michael R.
- Chudnovsky, Eugene M.: Quantum hysteresis in molecular magnets (perspective). p938 8 Nov 1996.
- Chun, Hyung J. See Hodge, Martin R.
- Chung, Yong Seung. See Sung, Nack-Chung.
- Ciallella, John R. See Bikah, Gabriel.
- Ciliberto, Gennaro. See Cressman, Drew E.
- Cipra, Barry (news): Prime formula weds number theory and quantum physics. p2014 20 Dec 1996.
- Cirelli, Chiara; Pompeiano, Maria; Tononi, Giulio: Neuronal gene expression in the waking state: a role for the locus coeruleus. p1211 15 Nov 1996.
- Clark, M. See Brown, L. D.
- Clark, R. See Carlson, R.
- Clarke, John T.; Ballester, Gilda E.; Trauger, John; Evans, Robin; Connerney, J. E. P.; Stapelfeldt, Karl; Crisp, David; Feldman, Paul D.; Burrows, Christopher J.; Casertano, Stefano; Gallagher, John S., III; Griffiths, Richard E.; Hester, J. Jeff; Hoesel, John G.; Holtzman, Jon A.; Krist, John E.; Meadows, Vicki; Mould, Jeremy R.; Scowen, Paul A.; Watson, Alan M.; Westphal, James A.: Far-ultraviolet imaging of Jupiter's aurora and the Io "footprint." p404 18 Oct 1996.
- Clarke, John T. See Ballester, Gilda E.
- Clee, C. See Schuler, G. D.
- Clemens, Steven C.; Murray, David W.; Prell, Warren L.: Nonstationary phase of the Plio-Pleistocene Asian monsoon. p943 8 Nov 1996.
- Clemett, Simon J. and Zare, Richard N.: Evaluating the evidence of past life on Mars (technical comment). p2122 20 Dec 1996.
- Clerici, Mario. See Shearer, Gene M.
- Cline, H. T. See Wu, G.-Y.
- Clinton, Bill and Dole, Bob: The candidates speak (policy forum). p361 18 Oct 1996.
- Cocchi, Fiorenza; DeVico, Anthony L.; Garzino-Demo, Alfredo; Lusso, Paolo; Gallo, Robert C.: Role of β -chemokines in suppressing HIV replication. p1394 22 Nov 1996.
- Cochran, H. D. See McClain, J. B.
- Coffey, Robert J. See Chinery, Rebecca.
- Cogan, M. See Brown, L. D. See also Nelson, K. D.
- Cohen, Batya; Novick, Daniela; Rubinstein, Menachem: Modulation of insulin activities by leptin. p1185 15 Nov 1996.
- Cohen, Joel E. and Tilman, David: Biosphere 2 and biodiversity: the lessons so far (perspective). p1150 15 Nov 1996.

- Cohen, Jon (news): Baltimore to head new vaccine panel. p2005 20 Dec 1996. Investigators detail HIV's fatal handshake. p502 25 Oct 1996. Research 'summit' ponders health funding shortfall. p491 25 Oct 1996.
- Colarusso, P. See Zhang, K.
- Cole, Greg. See Hsiao, Karen.
- Colinvaux, P. A.; De Oliveira, P. E.; Moreno, J. E.; Miller, M. C.; Bush, M. B.: A long pollen record from lowland Amazonia: forest and cooling in glacial times. p85 4 Oct 1996.
- Collins, Francis S. See Smith, Jeffrey R.
- Collins, G. See Belton, M. J. S.
- Colwell, Rita R.: Global climate and infectious disease: the cholera paradigm (policy forum). p2025 20 Dec 1996.
- Connerney, J. E. P. See Clarke, John T.
- Connolly, John B.; Roberts, Ian J. H.; Armstrong, J. Douglas; Kaiser, Kim; Forte, Michael; Tully, Tim; O'Kane, Cahir J.: Associative learning disrupted by impaired G_q signaling in *Drosophila* mushroom bodies. p2104 20 Dec 1996.
- Conrad, Peter: review of *Double-Edged Sword*, by Karl A. Drlica, review of *Improving Nature?* by Michael J. Reiss and Roger Straughan, and review of *The Lives to Come*, by Philip Kitche. p1147 15 Nov 1996.
- Contreras, Diego; Destexhe, Alain; Sejnowski, Terrence J.; Steriade, Mircea: Control of spatiotemporal coherence of a thalamic oscillation by corticothalamic feedback. p771 1 Nov 1996.
- Conway, T. J. See Boering, K. A.
- Cooper, Reid R.; Fanselow, John B.; Weber, J. K. Richard; Merkley, Dennis R.; Poker, David B.: Dynamics of oxidation of a Fe²⁺-bearing aluminosilicate (basaltic) melt. p1173 15 Nov 1996.
- Cooper, Vaughn S. See Elena, Santiago F.
- Coopersmith, Jonathan: review of *Science on the Run*, by Geoffrey C. Bowker. p1148 15 Nov 1996.
- Coroniti, F. V. See Frank, L. A.
- Cortelli, Pietro. See Telling, Glenn C.
- Cossart, Pascale. See Iertron, Keith.
- Coutinho, Roel A. See Wolthers, Katja C.
- Cowles, S. See Schuler, G. D.
- Cox, D. R. See Schuler, G. D.
- Coyne, Jerry A. and Charlesworth, Brian: Mechanisms of punctuated evolution (technical comment). p1748 6 Dec 1996.
- Crabbe, John: After the genome (letter). p1594 6 Dec 1996.
- Craig, Harmon: Where it's at (letter). p165 11 Oct 1996.
- Crane, Charles F. See Calzada, Jean-Philippe Vieille.
- Cressman, Drew E.; Greenbaum, Linda E.; DeAngelis, Robert A.; Ciliberto, Genaro; Furth, Emma E.; Poli, Valeria; Taub, Rebecca: Liver failure and defective hepatocyte regeneration in interleukin-6-deficient mice. p1379 22 Nov 1996.
- Crisp, David. See Ballester, Gilda E. See also Clarke, John T.
- Crouch, C. H. See Livermore, C.
- Crutzen, P. J. See Kley, D.
- Curlin, George. See Jacobs, William.
- Curtis, G. H. See Swisher, C. C., III.
- Dacey, Dennis M.: Consequences of retinal color coding for cortical color decoding (technical comment). p2119 20 Dec 1996.
- D'Adamo, Luciano. See Wolozin, Benjamin.
- Daie, Jaleh and Wyse, Roger: All roads lead to Rome (editorial). p701 1 Nov 1996.
- Dailey, Peter J. See Haase, Ashley T.
- Damber, Jan-Erik. See Smith, Jeffrey R.
- Danielson, G. See Carlson, R.
- Daube, B. C. See Boering, K. A.
- Davidson, Norman. See Kantor, David B.
- Davies, A. See Carlson, R.
- Davies, M. E. See Belton, M. J. S.
- Davies, Sarah L. See O'Keefe, Theresa L.
- Davis, Daniel M. See Mandelboim, Ofer. See also Pazmany, Laszlo.
- Davis, H. Ted. See Gupta, Vishwanath.
- Davis, Mark M. See Altman, John D.
- Davis, R. W. See Goffeau, A.
- Dawson, Ted M. See Adamson, D. Cory.
- Dawson, Valina L. See Adamson, D. Cory.
- Day, P. J. R. See Schuler, G. D.
- de Franco, R. See Zollo, A.
- de Heer, W. A. See Ugarte, D.
- de Matreis, R. See Zollo, A.
- de Natale, G. See Zollo, A.
- De Oliveira, P. E. See Colinvaux, P. A.
- de Roda Husman, Ana-Maria. See Wolthers, Katja C.
- de Sa, Paul and Sagat, Ambuj: "Struck" by fraud? (letter). p1593 6 Dec 1996.
- de Wolf, Frank. See Wolthers, Katja C.
- Dean, Michael; Carrington, Mary; Goedert, James; O'Brien, Stephen J.: Participants in HIV study: correction (letter). p1069 15 Nov 1996.
- DeAngelis, Robert A. See Cressman, Drew E.
- DeArmond, Stephen J. See Telling, Glenn C.
- Debreczeny, Martin P.; Svec, Walter A.; Wasielewski, Michael R.: Optical control of photogenerated ion pair lifetimes: an approach to a molecular switch. p584 25 Oct 1996.
- Degano, Massimo. See Garcia, K. Christopher.
- Dehejia, A. See Schuler, G. D.
- Delcroix, T. See Picaut, J.
- dell'Aversana, P. See Zollo, A.
- Deloukas, P. See Schuler, G. D.
- Demant, Peter; Lipolodova, Marie; Svobodova, Milena: Resistance to *Leishmania major* in mice (technical comment). p1392 22 Nov 1996.
- Deng, Guoren; Lu, You; Zlotnikov, Galina; Thore Ann D.; Smith, Helena S.: Loss of heterozygosity in normal tissue adjacent to breast carcinomas. p2057 20 Dec 1996.
- Denissenko, Mikhail F.; Pao, Annie; Tang, Moon-shong; Pfeifer, Gerd P.: Preferential formation of benzofluorene adducts at lung cancer mutational hotspots in P53. p430 18 Oct 1996.
- Dennerl, K. See Lisse, C. M.
- Dermott, S. See Grün, E.
- Deshais, Raymond J. See King, Randall W.
- Desiderio, Stephen. See Schwarz, Klaus.
- DeSimone, J. M. See McClain, J. B.
- Destexhe, Alain. See Contreras, Diego.
- Devaney, Robert L.: review of *Celestial Encounters*, by Florin Diacu and Philip Holmes. p2032 20 Dec 1996.
- DeVico, Anthony L. See Cocchi, Fiorenza.
- Di Iorio, Giuseppe. See Polymeropoulos, Michael H.
- Diaz, J. See Carbonell, R.
- Dibling, T. See Schuler, G. D.
- Dickman, Steven (news): Germany joins the biotech race. p1454 29 Nov 1996.
- Dickson, Robert M.; Norris, D. J.; Tzeng, Yih-Ling; Moerner, W. E.: Three-dimensional imaging of single molecules solvated in pores of poly(acrylamide) gels. p966 8 Nov 1996.
- Dierich, Andréa. See Lefebvre, Olivier.
- Digilio, Laura. See Atchison, Robert E.
- Dillehay, Tom D.: Paleoindians in the Brazilian Amazon (letter). p1822 13 Dec 1996.
- Dimitrov, Dimitar S. See Lapham, Cheryl K.
- Dion, M. See Fafard, S.
- Distel, Robert J. See Hotamisligil, Gökhan S.
- Dixit, Vishva M. See Chinnaian, Arul M.
- Dobbin, Kenneth D. See Fisher, Darrell R.
- Dobson, Christopher M. See Balbach, Jochen.
- Dodelson, Scott: review of 3 K, by R. B. Partridge. p1847 13 Dec 1996.
- _____, Gates, Evalyn I.; Turner, Michael S.: Cold dark matter. p69 4 Oct 1996.
- Dole, Bob. See Clinton, Bill.
- Domdey, Horst. See Stumpf, Gabi.
- Donfield, Sharyne M. See Gomperts, Edward D.
- Doolittle, Russell F.; Feng, Da-Fei; Tsang, Simon; Cho, Glen Little; Elizabeth: Dating the common ancestor of organisms. p1751 6 Dec 1996.
- Dorrance, Daniel. See Vermeij, Geerat J.
- Doupe, Allison J.: Plasticity of a different feather? (perspective). p1851 13 Dec 1996.
- Drossart, P. See Carlson, R.
- Drouot, N. See Schuler, G. D.
- Duan, M. Roxanne. See Chinnaian, Arul M.
- Dubrovinsky, Leonid S. See Saxena, Surendra K.
- Duina, Andrea A.; Chang, Hui-Chen Jane; Marsh, James A.; Lindquist, Susan; Gaber, Richard F.: A cyclophilin function in Hsp90-dependent signal transduction. p1713 6 Dec 1996.
- Dujon, B. See Goffeau, A.
- Dunham, I. See Schuler, G. D.
- Duprat, S. See Schuler, G. D.
- Durek, Joseph. See Romanowicz, Barbara.
- Duvoisin, Roger C. See Polymeropoulos, Michael H.
- Dziewonski, Adam M. See Su, Wei-jia.
- E and F**
- East, C. See Schuler, G. D.
- Eaton, William A. See Chan, Chi-Kin.
- _____, Henry, Eric R.; Hofrichter, James: Nanosecond crystallographic snapshots of protein structural changes (perspective). p1631 6 Dec 1996.
- Echtl, H. P.; Stiller, M.; Steinhoff, F.; Krawczyk, C.; Suleimanov, A.; Spiridonov, V.; Knapp, J. H.; Menshikov, Y.; Alvarez-Marrón, J.; Yunusov, N.: Preserved collisional crustal structure of the southern Urals revealed by vibroseis profiling. p224 11 Oct 1996.
- Eckman, Chris. See Hsiao, Karen.
- Eddy, William F. See Just, Marcel Adam.
- Edgar, Bruce A. and Lehner, Christian F.: Developmental control of cell cycle regulators: a fly's perspective. p1646 6 Dec 1996.
- Edge, David: Evolution teaching (letter). p904 8 Nov 1996.
- Edgerton, D. E. H.: review of *The World Made New*, by Linda Merricks. p1628 6 Dec 1996.
- Edwards, C. See Schuler, G. D.
- Edwards, Keith J. See SanMiguel, Phillip.
- Edwards, M. See Nelson, K. D.
- Efimov, Vladimir P. See Malashkevich, Vladimir N.
- Ehrlich, Stanislav D. See Noiro-Gros, Marie-Françoise.
- Eisenberger, P. and Suckewer, S.: Subpicosecond x-ray pulses (perspective). p201 11 Oct 1996.
- Eisenman, Robert N. See Gallant, Peter.
- Elena, Santiago F.; Cooper, Vaughn S.; Lenski, Richard E.: Mechanisms of punctuated evolution (technical comment). p1749 6 Dec 1996.
- Elenbaas, Brian. See Kussie, Paul H.
- Elledge, Stephen J.: Cell cycle checkpoints: preventing an identity crisis. p1664 6 Dec 1996.
- Ellis, Earl F. See Zhang, Lei.
- Ellis, Ramsey. See Hotamisligil, Gökhan S.
- Elman, Jeffrey. See Bates, Elizabeth.
- Elmore, David. See Phillips, Fred M.
- Emanuelsson, Monika. See Smith, Jeffrey R.
- Emlen, Stephen T. See Hrdy, Sarah Blaffer.
- Emmert-Buck, Michael R.; Bonner, Robert F.; Smith, Paul D.; Chuaqui, Rodrigo F.; Zhuang, Zhengping; Goldstein, Seth R.; Weiss, Rhonda A.; Liotta, Lance A.: Laser capture microdissection. p998 8 Nov 1996.
- Encrenaz, T. See Carlson, R.
- Engel, Jürgen. See Malashkevich, Vladimir N.
- Engelman, Donald M.: Crossing the hydrophobic barrier: insertion of membrane proteins (perspective). p1850 13 Dec 1996.
- Englhauser, J. See Lisse, C. M.
- Ensnerink, Marten (news): Fraud and ethics charges hit stroke drug trial. p2004 20 Dec 1996.
- Epstein, Steven: review of *Conjuring Science*, by Christopher P. Toumey. p732 1 Nov 1996.
- Ericc, Alejo. See Haase, Ashley T.
- Erickson, Jay C.; Hollopetter, Gunther; Palmiter, Richard D.: Attenuation of the obesity syndrome of *ob/ob* mice by the loss of neuropeptide Y. p1704 6 Dec 1996.
- Erlich, Henry A.; Bergström, Tomas F.; Stoneking, Mark; Gyllensten, Ulf: HLA sequence polymorphism and the origin of humans (technical comment). p1552 29 Nov 1996.
- Erpino, Michael J.: Evolution teaching (letter). p904 8 Nov 1996.
- Ertl, G. See König, L.
- Estabrook, Charles H. and Kind, Rainer: The nature of the 660-kilometer upper-mantle seismic discontinuity from precursors to the PP phase. p1179 15 Nov 1996.
- Evans, Robin W. See Ballester, Gilda E. See also Clarke, John T.
- Evavold, Brian D. See Weber, Dominique A.
- Evensen, Norman M. See Chen, Yanshao.
- Factor, Bradford J. See Fyras, George.
- Fadool, Debra A. See Holmes, Todd C.
- Fafard, S.; Hinzer, K.; Raymond, S.; Dion, M.; McCaffrey, J.; Feng, Y.; Charbonneau, S.: Red-emitting semiconductor quantum dot lasers. p1350 22 Nov 1996.
- Fagerström, Torbjörn; Jagers, Peter; Schuster, Peter; Szathmary, Eörs: Biologists put on mathematical glasses. p2039 20 Dec 1996.
- Fahnestock, Mark. See Joughin, Ian.
- Fainzilber, M.; Smit, A. B.; Syed, N. I.; Wildering, W. C.; Hermann, P. M.; van der Schors, R. C.; Jiménez, C.; Li, K. W.; van Minnen, J.; Bulloch, A. G. M.; Ibáñez, C. F.; Geraerts, W. P. M.: CRNF, a molluscan neurotrophic factor that interacts with the p75 neurotrophin receptor. p1540 29 Nov 1996.
- Fajardo, Arnell M. and Lewis, Nathan S.: Rate constants for charge transfer across semiconductor-liquid interfaces. p969 8 Nov 1996.
- Fan, J.-B. See Schuler, G. D.
- Fanale, F. See Belton, M. J. S. See also Carlson, R.
- Fang, N. See Schuler, G. D.
- Fanselow, John B. See Cooper, Reid R.
- Farrants, David L.; Altenbach, Christian; Yang, Ke; Hubbell, Wayne L.; Khorana, H. Gobind: Requirement of rigid-body motion of transmembrane helices for light activation of rhodopsin. p768 1 Nov 1996.
- Fässler, Reinhard. See Pfeifer, Alexander.
- Fattaey, Ali. See Bischoff, James R.
- Faust, Russell A. See Haase, Ashley T.
- Fechtg, H. See Grün, E.
- Feduccia, Alan. See Hou, Lianhai.
- Feldman, Marcus W. See Pritchard, Jonathan K.
- Feldman, Paul D. See Clarke, John T.
- Feldmann, H. See Goffeau, A.
- Félix, Christian. See Bromann, Karsten.
- Feng, Da-Fei. See Doolittle, Russell F.
- Feng, Y. See Fafard, S.
- Fesik, Stephen W. See Shuker, Suzanne B.
- Fewell, Jennifer H. See Harrison, Jon F.
- Fiedel, Stuart: Paleoindians in the Brazilian Amazon (letter). p1821 13 Dec 1996.
- Fisher, Darrell R.; Dobbin, Kenneth D.; Waltar, Alan R.; Lindenmeier, Charles W.: Tritium production (letter). p482 25 Oct 1996.
- Fishman, Mark C. See Mashimo, Hiroshi.
- Fitch, Walter M. See Hasegawa, Masami.
- Fizames, C. See Schuler, G. D.
- Flavell, Richard A. See Shachar, Idit.

- Fleischmann, Robert. See Jacobs, William.
- Florig, Keith: EMF report: is there consensus? (letter). p1449 29 Nov 1996.
- Fodor, Stephen P. A. See Chee, Mark.
- Folk, Robert L.: In defense of nannobacteria (letter). p1288 22 Nov 1996.
- Fontana, A. See Hahne, M.
- Foote, Mike: Ecological controls on the evolutionary recovery of post-Paleozoic crinoids. p1492 29 Nov 1996.
- Ford, Eric B. See Rasio, Frederic A.
- Forge, Vincent. See Balbach, Jochen.
- Forman, Paul: review of Particle Physics, by V. V. Exhela et al. p522 25 Oct 1996.
- Forsyth, R. See Zook, H. A.
- Forsythe, Ian D. See Takahashi, Tomoyuki.
- Forte, Michael. See Connolly, John B.
- Fortelius, Mikael. See Jernvall, Jukka.
- Foster, Susan A. See Hrdy, Sarah Blaffer.
- Fourny, Dominique; Recht, Michael I.; Blanchard, Scott C.; Puglisi, Joseph D.: Structure of the A site of *Escherichia coli* 16S ribosomal RNA complexed with an aminoglycoside antibiotic. p1367 22 Nov 1996.
- Franci, Christian. See Atchison, Robert E.
- Frank, Curtis. See Maruyama, Takayuki.
- Frank, L. A.; Paterson, W. R.; Ackerson, K. L.; Vasyljunas, V. M.; Coroniti, F. V.; Bolton, S. J.: Plasma observations at Io with the Galileo spacecraft. p394 18 Oct 1996.
- Fraser, Claire. See Jacobs, William.
- Fraleys, Robert T.: Bollgard cotton performance (letter). p1994 20 Dec 1996.
- Frederick, Reid D. See Tang, Xiaoyan.
- Freeman, Brian C.; Toft, David O.; Morimoto, Richard I.: Molecular chaperone machines: chaperone activities of the cyclophilin Cyp-40 and the steroid aporeceptor-associated protein p23. p1718 6 Dec 1996.
- Freije, Dihia. See Smith, Jeffrey R.
- French, L. E. See Hahne, M.
- Fried, Michael G. and Hudson, J. Michael: DNA looping and Lac repressor-CAP interaction (technical comment). p1930 13 Dec 1996.
- Friedrich, Wilhelm. See Schwarz, Klaus.
- Fritz, T. A. See Williams, D. J.
- Fukai, Naomi: Search for truth points to America (science in Japan). p55 4 Oct 1996.
- Fukamizu, Akiyoshi. See Takimoto, Eriko.
- Fuller, Gerald. See Maruyama, Takayuki.
- Fulton, Alice B.: Programmed cell death (letter). p20 4 Oct 1996.
- Furth, Emma E. See Cressman, Drew E.
- Fytas, George; Anastasiadis, Spiros H.; Sehrhouchni, Rachid; Vlassopoulos, Dimitris; Li, Jumbai; Factor, Bradford J.; Thoebald, Wolfgang; Toprakcioglu, Chris: Probing collective motions of terminally anchored polymers. p2041 20 Dec 1996.
- ## G
- Gaber, Richard F. See Duina, Andrea A.
- Gabizon, Ruth. See Telling, Glenn C.
- Galán, Jorge E. See Chen, Li-Mei.
- Galibert, F. See Goffeau, A.
- Gallagher, John S., III. See Ballester, Gilda E. See also Clarke, John T.
- Gallagher, Michela; Landfield, Philip W.; McEwen, Bruce; Meaney, Michael J.; Rapp, Peter R.; Sapolsky, Robert; West, Mark J.: Hippocampal neurodegeneration in aging (letter). p484 25 Oct 1996.
- Gallant, Peter; Shioi, Yuzuru; Cheng, Pei Feng; Parkhurst, Susan M.; Eisenman, Robert N.: Myc and max homologs in *Drosophila*. p1523 29 Nov 1996.
- Gallart, J. See Carbonell, R.
- Gallo, Robert C. See Cocchi, Fiorenza.
- Galloway, Susan M. See Onishi, H. Russell.
- Galova, Marta. See Zachariae, Wolfgang.
- Gambetti, Pierluigi. See Telling, Glenn C.
- Ganem, Don. See Braasz, Robert.
- Garcia, K. Christopher; Degano, Massimo; Stanfield, Robyn L.; Brunmark, Anders; Jackson, Michael R.; Peterson, Per A.; Teyston, Luc; Wilson, Ian A.: An $\alpha\beta$ T cell receptor structure at 2.5 Å and its orientation in the TCR-MHC complex. p209 11 Oct 1996.
- Gardina, Paul J. and Manson, Michael D.: Attractant signaling by an aspartate chemoreceptor dimer with a single cytoplasmic domain. p425 18 Oct 1996.
- Garg, Manish. See Chinnaiyan, Arul M.
- Garrard, T. L.; Stone, E. C.; Murphy, N.: Effects of absorption by Io on composition of energetic heavy ions. p393 18 Oct 1996.
- Garrett, C. See Schuler, G. D.
- Garwin, Richard L.: Tritium from Russia (letter). p1066 15 Nov 1996.
- Garzino-Demo, Alfredo. See Cocchi, Fiorenza.
- Gasparini, P. See Zollo, A.
- Gates, Evalyn I. See Dodelson, Scott.
- Gauss, George H. See Schwarz, Klaus.
- Ge, Min. See Liang, Rui.
- Gebhard, Kristin. See Haase, Ashley T.
- Geisslinger, Eric: "Quantum voodoo" (letter). p1286 22 Nov 1996.
- Geissler, P. See Belton, M. J. S.
- Geletnevsky, C. See Lundquist, P. M.
- Gellene, Gregory I.: An explanation for symmetry-induced isotopic fractionation in ozone. p1344 22 Nov 1996.
- Genain, Claude P.; Abel, Kristina; Belmar, Nicole; Villinger, François; Rosenberg, Daniel P.; Linington, Christopher; Raine, Cedric S.; Hauser, Stephen L.: Late complications of immune deviation therapy in a nonhuman primate. p2054 20 Dec 1996.
- Genjei, J. Kelly. See Wolozin, Benjamin.
- Gentz, Reiner. See Chinnaiyan, Arul M.
- Geraerts, W. P. M. See Fainzilber, M.
- Gerckens, Lynn S. See Onishi, H. Russell.
- Geroff, Dietlind L. See Benner, Steven A.
- Gibbons, Ann (news): Can this marriage be saved? p32 4 Oct 1996. DNA enters dust up over bones. p172 11 Oct 1996. Early birds rise from China fossil beds. p1083 15 Nov 1996. *Homo erectus* in Java: a 250,000-year anachronism. p1841 13 Dec 1996. New feathered fossil brings dinosaurs and birds closer. p720 1 Nov 1996. The peopling of the Americas. p31 4 Oct 1996. A rare glimpse of an early human face. p1298 22 Nov 1996. (letter): The "Greenberg hypothesis." p1448 29 Nov 1996.
- Gibson, Everett, Jr. See McKay, David S.
- _____, McKay, David S.; Thomas-Keppta, Kathie; Romanek, Christopher S.: Evaluating the evidence of past life on Mars. p2125 20 Dec 1996.
- Gierasch, P. J. See Belton, M. J. S.
- Gildersleeve, Jeff. See Liang, Rui.
- Giles, Paul R. See Marko, István E.
- Gilmans, John J.: Mechanochemistry (perspective). p65 4 Oct 1996.
- Ginsberg, Ann. See Jacobs, William.
- Girvin, S. M.: Duality in perspective (perspective). p524 25 Oct 1996.
- Gladman, Brett J. and Burns, Joseph A.: Mars meteorite transfer: simulation (letter). p161 11 Oct 1996.
- Glaichenhaus, Nicolas. See Julia, Valérie.
- Glanz, James (news): Behind the official optimism, flawed projections. p1601 6 Dec 1996. Could stellar ash revise cosmic ages? p1837 13 Dec 1996. Dust grains bring long-lost stars into the laboratory. p1078 15 Nov 1996. How not to pick a physicist? p710 1 Nov 1996. In China, an enigma in test scores. p711 1 Nov 1996. Picking out the true grit of stars. p1078 15 Nov 1996. The spell of sonoluminescence. p718 1 Nov 1996. Turbulence may sink titanic reactor. p1600 6 Dec 1996. Year of strange events leaves standard theory unscathed. p179 11 Oct 1996. (Nobel prizes): A cold elixir for physics. p346 18 Oct 1996.
- Glass, Jonathan D. See Adamson, D. Cory.
- Glatzmaier, Gary A. and Roberts, Paul H.: Rotation and magnetism of Earth's inner core. p1887 13 Dec 1996.
- Glimcher, Lauri H. See Hodge, Martin R.
- Glover, T. E. See Schoenlein, R. W.
- Gober, James W. See Wingrove, James A.
- Goedert, James. See Dean, Michael.
- Goffeau, A.; Barrell, B. G.; Bussey, H.; Davis, R. W.; Dujon, B.; Feldmann, H.; Galibert, F.; Hoheisel, J. D.; Jacq, C.; Johnston, M.; Louis, E. J.; Mewes, H. W.; Murakami, Y.; Philippsen, P.; Tettelin, H.; Oliver, S. G.: Life with 6000 genes. p546 25 Oct 1996.
- Gogarten, J. Peter; Orlendzinski, Lorraine; Hilario, Elena; Simon, Chris; Holsinger, Kent E.: Dating the cenancestor of organisms (technical comment). p1750 6 Dec 1996.
- Golbe, Lawrence I. See Polymeropoulos, Michael H.
- Golden, Richard L.: Mona with cigar? (letter). p707 1 Nov 1996.
- Goldfischer, Sidney: review of The Peroxisome, by Colin Masters and Denis Crane. p62 4 Oct 1996.
- Golding, Hana. See Lapham, Cheryl K.
- Goldman, Allen M.: Magnetoresistance in layered manganite compounds (perspective). p1630 6 Dec 1996.
- Goldman, David: High anxiety (perspective). p1483 29 Nov 1996.
- Goldman, Merle: review of Science and Dissent in Post-Mao China, by H. Lyman Miller. p521 25 Oct 1996.
- Goldsmith, Mark A. See Atchison, Robert E.
- Goldstein, Seth R. See Emmert-Buck, Michael R.
- Golomb, Solomon W.: Methanococcus genome (letter). p902 8 Nov 1996.
- Gomperts, Edward D. and Donfield, Sharyne M.: Ethics of AIDS study (letter). p1596 6 Dec 1996.
- Goodfellow, P. N. See Schuler, G. D.
- Goodfriend, Glenn A. and Gould, Stephen Jay: Paleontology and chronology of two evolutionary transitions by hybridization in the Bahamian land snail *Cerion*. p1894 13 Dec 1996.
- Goodman, Corey S. See Tessier-Lavigne, Marc.
- Goreau, Nora I. See Goreau, Thomas J.
- Goreau, Thomas J.; Goreau, Nora I.; Trench, Robert K.; Hayes, Raymond L.: Calcification rates in corals (technical comment). p117 4 Oct 1996.
- Gorham, James. See Güler, Mehmet.
- Gorina, Svetlana. See Kussie, Paul H.
- _____, and Pavletich, Nikola P.: Structure of the p53 tumor suppressor bound to the ankyrin and SH3 domains of 53BP2. p1001 8 Nov 1996.
- Gosling, Jennifer. See Atchison, Robert E.
- Gossard, A. C. See Livermore, C.
- Gouaux, J. Eric. See Song, Langzhou.
- Goudsmit, Jaap. See Wolthers, Katja C.
- Gould, Stephen Jay. See Goodfriend, Glenn A.
- Goulder, Philip J. R. See Altman, John D.
- Gowaty, Patricia Adair. See Hrdy, Sarah Blaffer.
- Goyal, Amit. See Norton, David P.
- Grady, Denise (news): Ironing out the wrinkles in the prion strain problem. p210 20 Dec 1996. Quick-change pathogens gain an evolutionary edge. p1081 15 Nov 1996.
- Granahan, J. See Carlson, R.
- Grassl, H. See Kley, D.
- Gray, Charles M. and McCormick, David A.: Chattering cells: superficial pyramidal neurons contributing to the generation of synchronous oscillations in the visual cortex. p109 4 Oct 1996.
- Gray, Harry B. See Winkler, Jay R.
- Greeley, R. See Belton, M. J. S.
- Green, Douglas R. See Van Antwerp, Daniel J.
- Green, L. See Schuler, G. D.
- Greenbaum, Linda E. See Cressman, Drew E.
- Greenberg, Benjamin D. See Lesch, Klaus-Peter.
- Greenberg, Joseph H.: The "Greenberg hypothesis" (letter). p1447 29 Nov 1996.
- Greenberg, R. See Belton, M. J. S.
- Gresham, Hattie D. See Lindberg, Frederik P.
- Griffiths, Richard E. See Ballester, Gilda E. See also Clarke, John T.
- Grilli, Mariagrazia; Pizzi, Marina; Memo, Maurizio; Spano, Pier-Franco: Neuroprotection by aspirin and sodium salicylate through blockade of NF- κ B activation. p1383 22 Nov 1996.
- Grivell, Leslie A. See Rep, Martijn.
- Grönberg, Henrik. See Smith, Jeffrey R.
- Groth, Edward, III: review of Our Children's Toxic Legacy, by John Wargo. p61 4 Oct 1996.
- Grotzinger, John P. See Knoll, Andrew H.
- Grün, E.; Hamilton, D. P.; Riemann, R.; Dermott, S.; Fechtig, H.; Gustafson, B. A.; Hanner, M. S.; Heck, A.; Horanyi, M.; Kissel, J.; Krüger, H.; Lindblad, B. A.; Linkert, D.; Linkert, G.; Mann, I.; McDonnell, J. A. M.; Morfill, G. E.; Polanskey, C.; Schwemh, G.; Srama, R.; Zook, H. A.: Dust measurements during Galileo's approach to Jupiter and Io encounter. p399 18 Oct 1996.
- Grün, E. See Zook, H. A.
- Grunwald, David Jonah: A fin-de-siècle achievement: charting new waters in vertebrate biology (perspective). p1634 6 Dec 1996.
- Guerra, I. See Zollo, A.
- Güler, Mehmet; Murphy, Kenneth; Gorham, James: Resistance to *Leishmania major* in mice (technical comment). p1392 22 Nov 1996.
- Guo, B. See Zhang, K.
- Guo, Hong. See Smith, Jeffrey R.
- Gupta, Vishwas; Niravarthi, Sriram S.; Keffer, David; McCormick, Alon V.; Davis, H. Ted: Evidence of single-file diffusion in zeolites (letter). p164 11 Oct 1996.
- Gura, Trisha (news): Mouse model for pregnancy problem? p922 8 Nov 1996. Unraveling immune-cell mysteries (Nobel prizes). p345 18 Oct 1996.
- Gurnett, D. A.; Kurth, W. S.; Roux, A.; Bolton, S. J.; Kennel, C. F.: Galileo plasma wave observations in the Io plasma torus and near Io. p391 18 Oct 1996.
- Gustafson, B. A. See Grün, E.
- Gut, Ivo G.: Whose genes are they and how can we identify them? (letter). p904 8 Nov 1996.
- Guthrie, Christine. See Chanfreau, Guillaume.
- Gyapay, G. See Schuler, G. D.
- Gyllensten, Ulf. See Erlich, Henry A.
- ## H
- Haase, Ashley T.; Henry, Keith; Zupancic, Mary; Sedgewick, Gerald; Faust, Russell A.; Melroe, Holly; Cavert, Winston; Gebhard, Kristin; Staskus, Katherine; Zhang, Zhi-Qiang; Dailey, Peter J.; Balfour, Henry H., Jr.; Erice, Alejo; Perselson, Alan S.: Quantitative image analysis of HIV-1 infection in lymphoid tissue. p985 8 Nov 1996.
- Hadley, D. See Schuler, G. D.
- Hagg, Theo. See Van der Zee, Catharina E. E. M.
- Häggkvist, Patrik. See Saxena, Surendra K.
- Hahne, M.; Rimoldi, D.; Schröter, M.; Romero, P.; Schreier, M.; French, L. E.; Schneider, P.; Bornand, T.; Fontana, A.; Lienard, D.; Cerottini, J.-C.; Tschopp, J.: Melanoma cell expression of Fas(Apo-1/CD95) ligand: implications for tumor immune escape. p1363 22 Nov 1996.

- Haig, David. See Hrdy, Sarah Blaffer.
- Hajduk, Philip J. See Shuker, Suzanne B.
- Hall, H. Glenn. See Harrison, Jon F.
- Halliday, Alex N. See Lee, Der-Chuen.
- Halterman, Dennis A. See Tang, Xiaoyan.
- Hamatani, Kiyohiro. See Hikida, Masaki.
- Hamer, Dean H. See Lesch, Klaus-Peter.
- Hamilton, D. P. See Grün, E. See also Zook, H. A.
- Hammarlund, Dan. See Björck, Svante.
- Hammer, Claus Uffe. See Björck, Svante.
- Han, Shuhua; Zheng, Biao; Schatz, David G.; Spanopoulou, Eugenia; Kelsoe, Garnett: Neoteny in lymphocytes; *Rag2* expression in germinal center B cells. p2094 20 Dec 1996.
- Handwerker, W. Penn: Flights from reason? (letter). p1286 22 Nov 1996.
- Hanes, Doug P. and Schall, Jeffrey D.: Neural control of voluntary movement initiation. p427 18 Oct 1996.
- Hanfland, Michael. See Saxena, Surendra K.
- Hanner, M. S. See Grün, E.
- Hannun, Yusuf A.: Functions of ceramide in coordinating cellular responses to stress. p1855 13 Dec 1996.
- Hansen, G. See Carlson, R.
- Hansen-Hagge, Thomas E. See Schwarz, Klaus.
- Harada, K.; Kamitaura, O.; Kasai, H.; Matsuda, T.; Tonomura, A.; Moshchalkov, V. V.: Direct observation of vortex dynamics in superconducting films with regular arrays of defects. p1167 15 Nov 1996.
- Harbich, Wolfgang. See Bromann, Karsten.
- Harden, M. See Lisse, C. M.
- Hargreaves, David. See Rafferty, John B.
- Harigaya, Yasuo. See Hsiao, Karen.
- Harju, Leena. See Kovánen, Panu E.
- Harris, M. See Schuler, G. D.
- Harris, Walter M. See Ballester, Gilda E.
- Harrison, Jon F.; Fewell, Jennifer H.; Roberts, Stephen P.; Hall, H. Glenn: Achievement of thermal stability by varying metabolic heat production in flying honeybees. p88 4 Oct 1996.
- Harrison, P. See Schuler, G. D.
- Hartl, F. Ulrich. See Schneider, Christine.
- Harry, David. See Moore, George P.
- Hasegawa, Masami and Fitch, Walter M.: Dating the cenancestor of organisms (technical comment). p1750 6 Dec 1996.
- Haselkorn, Robert and Buikema, William J.: *Methanococcus* genome (letter). p901 8 Nov 1996.
- Hatfull, Graham. See Jacobs, William.
- Hauck, M. See Brown, L. D. See also Nelson, K. D.
- Hauser, Marc. See Hrdy, Sarah Blaffer.
- Hauser, Stephen L. See Genain, Claude P.
- Hawkes, Kristen. See Hrdy, Sarah Blaffer.
- Hawkes, Timothy R. See Baldock, Clair.
- Hawkins, Robert D. See Mayford, Mark.
- Hayes, Jeffrey. See Pruss, Dmitry.
- Hayes, Raymond L. See Goreau, Thomas J.
- He, Qing. See Norton, David P.
- Head, J. W., III. See Belton, M. J. S.
- Head-Gordon, M. See Kaiser, R. I.
- Hearn, Thomas. See Kind, Rainer.
- Heath, James Richard and Saykally, Richard James: Space carbon neutral pathways? (perspective). p1480 29 Nov 1996.
- Heath, William R. See Blanas, Effrossini.
- Heck, A. See Grün, E.
- Hegerl, Reiner. See Tamura, Tomohiro.
- Heils, Armin. See Lesch, Klaus-Peter.
- Heise, Carita. See Bischoff, James R.
- Hellemans, Alexander (news): Agencies protest funding reforms. p714 1 Nov 1996. Cluster mission to rise from the ashes. p1295 22 Nov 1996. European report champions ITER. p1603 6 Dec 1996.
- Henry, Eric R. See Eaton, William A.
- Henry, Keith. See Haase, Ashley T.
- Hermann, P. M. See Fainzilber, M.
- Herrera, P. See Carlson, R.
- Hermannsfeldt, W. B.: Tritium production (letter). p481 25 Oct 1996.
- Hester, J. Jeff. See Ballester, Gilda E. See also Clarke, John T.
- Hibbits, C. See Carlson, R.
- Hicks, A. See Schuler, G. D.
- Hicks, Karen A.; Millar, Andrew J.; Carré, Isabelle A.; Somers, David E.; Straume, Martin; Meeks-Wagner, D. Ry; Kay, Steve A.: Conditional circadian dysfunction of the *Arabidopsis* early-flowering 3 mutant. p790 1 Nov 1996.
- Higgins, Joseph J. See Polymeropoulos, Mihail H.
- Hikida, Masaki; Mori, Masaharu; Takai, Toshiyuki; Tomochika, Ken-ichi; Hamatani, Kiyohiro; Ohmori, Hitoshi: Reexpression of RAG-1 and RAG-2 genes in activated mature mouse B cells. p2092 20 Dec 1996.
- Hilario, Elena. See Gogarten, J. Peter.
- Hilgartner, Stephen: review of *Exquisite Specificity*, by Albert Cambrosio and Peter Keating, and review of *Making PCR*, by Paul Rabinow. p934 8 Nov 1996.
- Hillman, John J. See Chin, Gordon.
- Hines, Pamela J. and Marx, Jean: Developmental neurobiology (special news report). p1099 15 Nov 1996.
- Hinz, Klaus-Peter. See Spengler, Bernhard.
- Hinzer, K. See Fafard, S.
- Hironari, Izumi: Japanese science (letter). p1994 20 Dec 1996.
- Hismatulin, T. See Berzin, R.
- Hobaugh, Michael R. See Song, Langzhou.
- Hobbie, Silke. See Chen, Li-Mei.
- Hochman, David: Strategic research (letter). p325 18 Oct 1996.
- Hodge, Martin R.; Chun, Hyung J.; Rengarajan, Jyothi; Alt, Aya; Lieberson, Rebecca; Glimcher, Laurie H.: NF-AT-driven interleukin-4 transcription potentiated by NIP45. p1903 13 Dec 1996.
- Hoessels, John G. See Ballester, Gilda E. See also Clarke, John T.
- Hofmann, Franz. See Pfeifer, Alexander.
- Hofrichter, James. See Chan, Chi-Kin. See also Eaton, William A.
- Hoheisel, J. D. See Goffeau, A.
- Holden, Constance (news): Art stirs uproar down under. p33 4 Oct 1996. Draft research code raises hackles. p1604 6 Dec 1996. Grad students press for right to strike. p1461 29 Nov 1996. Small refugees suffer the effects of early neglect. p1076 15 Nov 1996. The Vatican's position evolves. p717 1 Nov 1996.
- Hollopeter, Gunther. See Erickson, Jay C.
- Holloway, E. See Schuler, G. D.
- Holmes, Todd C.; Fadol, Debra A.; Ren, Ruibao; Levitan, Irwin B.: Association of Src tyrosine kinase with a human potassium channel mediated by SH3 domain. p2089 20 Dec 1996.
- Holsinger, Kent E. See Gogarten, J. Peter.
- Holtzman, Jon A. See Ballester, Gilda E. See also Clarke, John T.
- Hommel, Michio. See Tatsumi, Ichiro.
- Honig, J. M. See Husmann, A.
- Höög, Christer. See Peters, Jan-Michael.
- Horan, Nina. See Liang, Rui.
- Horanyi, M. See Grün, E.
- Horiguchi, Hisashi. See Takimoto, Eriko.
- Horn, Sharon. See Bischoff, James R.
- Hotamisligil, Gökhan S.; Johnson, Randall S.; Distel, Robert J.; Ellis, Ramsey; Papaioannou, Virginia E.; Spiegelman, Bruce M.: Uncoupling of obesity from insulin resistance through a targeted mutation in α P2, the adipocyte fatty acid binding protein. p1377 22 Nov 1996.
- Hou, Lianhai; Martin, Larry D.; Zhou, Zhonghe; Feduccia, Alan: Early adaptive radiation of birds: evidence from fossils from northeastern China. p1164 15 Nov 1996.
- Hougaard, R. See Schuler, G. D.
- Howard, Matthew Owen. See Walker, R. Dale.
- Hrdy, Sarah Blaffer; Rodman, Peter; Charnov, Eric L.; Seger, Jon; Hawkes, Kristen; Emlen, Stephen T.; Foster, Susan A.; Gowaty, Patricia Adair; Haig, David; Hauser, Marc; Jacobs, Lucia F.; Smuts, Barbara B.: Sociobiology's successes (letter). p162 11 Oct 1996.
- Hsiao, Karen; Chapman, Paul; Nilsen, Steven; Eckman, Chris; Harigaya, Yasuo; Younkin, Steven; Yang, Fusheng; Cole, Greg: Correlative memory deficits, β A elevation, and amyloid plaques in transgenic mice. p99 4 Oct 1996.
- Hu, Erding; Kim, Jae Bum; Sarraf, Pasha; Spiegelman, Bruce M.: Inhibition of adipogenesis through MAP kinase-mediated phosphorylation of PPARY. p200 20 Dec 1996.
- Hu, Jingzhu. See Saxena, Surendra K.
- Huang, Jin Lin. See Zhang, Jian.
- Huang, Xiaohua C. See Chee, Mark.
- Huang, Yan-You. See Mayford, Mark.
- Hubbell, Earl. See Chee, Mark.
- Hubbell, Wayne L. See Farrens, David L.
- Hudson, J. Michael. See Fried, Michael G.
- Hudson, J. R., Jr. See Schuler, G. D.
- Hudson, T. J. See Schuler, G. D.
- Hughes, Timothy R. See Nugent, Constance I.
- Hui, J. See Carlson, R.
- Hui, L. See Schuler, G. D.
- Hunter, John P. See Jernvall, Jukka.
- Husmann, A.; Jin, D. S.; Zastavker, Y. V.; Rosenbaum, T. F.; Yao, X.; Honig, J. M.: Dynamical signature of the Morr-Hubbard transition in Ni (S_{Se})₂. p1874 13 Dec 1996.
- Hussain, S. See Schuler, G. D.
- Hwang, Chorng-yuan. See Lieu, Richard.
- Hyland, Sheryl A. See Onishi, H. Russell.
- I and J**
- Iannaccone, G. See Zollo, A.
- Ibáñez, C. F. See Fainzilber, M.
- Ide, Susan E. See Polymeropoulos, Mihail H. See also Schuler, G. D.
- Ihmé, Pierre F. See McGuire, Jeffrey J.
- Ikebe, Mitsu: review of *Biochemistry of Smooth Muscle Contraction*, edited by Michael Bárány. p367 18 Oct 1996.
- Imura, Hiroo: Science education in Japan (editorial). p15 4 Oct 1996.
- Ingersoll, A. P. See Belton, M. J. S.
- Iorio, K. R. See Schuler, G. D.
- Ioualalen, M. See Picaut, J.
- Ip, W. See Beltron, M. J. S.
- Ireton, Keith; Payrastre, Bernard; Chap, Hugues; Ogawa, Wataru; Sakae, Hiroshi; Kasuga, Masato; Cossart, Pascale: A role for phosphoinositide 3-kinase in bacterial invasion. p780 1 Nov 1996.
- Irwin, P. See Carlson, R.
- Isaacs, Sarah D. See Smith, Jeffrey R.
- Isaacs, William B. See Smith, Jeffrey R.
- Iisdale, Peter J. See Mitsuguchi, Takehiro.
- Ishida, Junji. See Takimoto, Eriko.
- Ishikawa, K. See Schuler, G. D.
- Iwasaki, Katsunori. See Wolozin, Benjamin.
- Jackson, Michael R. See Garcia, K. Christopher.
- Jacobs, Lucia F. See Hrdy, Sarah Blaffer.
- Jacobs, William; Brennan, Patrick; Curlin, George; Ginsberg, Ann; Adams, Mark; Fleischmann, Robert; Fraser, Claire; Venter, J. Craig; Shinrich, Thomas; Bishai, William; Smith, Hamilton; Stover, Ken; Hatfull, Graham: Comparative sequencing (letter). p17 4 Oct 1996.
- Jacq, C. See Goffeau, A.
- Jaffrey, Samie R. and Snyder, Solomon H.: PIN: an associated protein inhibitor of neuronal nitric oxide synthase. p774 1 Nov 1996.
- Jagers, Peter. See Fagerström, Torbjörn.
- James, M. R. See Schuler, G. D.
- Jeanloz, Raymond. See Su, Wei-jia.
- Jefferson, David A.: The imaging of individual atoms (perspective). p369 18 Oct 1996.
- Jeffery, William R. See Swalla, Billie J.
- Jenny, Andreas; Minvielle-Sabatia, Lionel; Preker, Pascal J.; Keller, Walter: Sequence similarity between the 73-kilodalton protein of mammalian CPSF and a subunit of yeast polyadenylation factor I. p1514 29 Nov 1996.
- Jensen, Peter E. See Weber, Dominique A.
- Jernvall, Jukka; Hunter, John P.; Fortelius, Mikael: Molar tooth diversity, disparity, and ecology in Cenozoic ungulate radiations. p1489 29 Nov 1996.
- Jessell, Thomas M. See Tanabe, Yasuto.
- Jia, Yulin. See Tang, Xiaoyan.
- Jiménez, C. See Fainzilber, M.
- Jin, D. S. See Husmann, A.
- Jin, F.-F.: Tropical ocean-atmosphere interaction, the Pacific cold tongue, and the El Niño-Southern Oscillation. p76 4 Oct 1996.
- Jin, Young-Kwan. See SanMiguel, Phillip.
- Joffe, Michael: Activation of estrogen receptors (letter). p1285 22 Nov 1996.
- Johnsen, Robert. See Ren, Peifeng.
- Johnsen, Sigfus. See Björck, Svante.
- Johnson, R. E. and Liu, M.: The loss of atmosphere from Mars (technical comment). p1932 13 Dec 1996.
- Johnson, Randall S. See Hotamisligil, Gökhan S.
- Johnson, T. V. See Belton, M. J. S. See also Carlson, R.
- Johnson, William G. See Polymeropoulos, Mihail H.
- Johnston, Arch C.: A wave in the Earth (perspective). p735 1 Nov 1996.
- Johnston, M. See Goffeau, A.
- Jolicoeur, Paul. See Rinfret, Aline.
- Jones, Alan G. See Chen, Leshou. See also Nelson, K. D.
- Jones, Edward G.: review of *Comparative Vertebrate Neuroanatomy*, by Ann B. Butler and William Hoods. p521 25 Oct 1996.
- Joneson, Tom; McDonough, Michele; Bar-Sagi, Dafna; Van Aelst, Linda: RAC regulation of actin polymerization and proliferation by a pathway distinct from Jun kinase. p1374 22 Nov 1996.
- Jordan, Thomas H. See McGuire, Jeffrey J.
- Jorgenson, James D.; Carpenter, John M.; Aepli, Gabriel: Cold neutron production (letter). p1288 22 Nov 1996.
- Joughin, Ian; Tulaczyk, Slawek; Fahnestock, Mark; Kwok, Ron: A mini-surge on the Ryder Glacier, Greenland, observed by satellite radar interferometry. p228 11 Oct 1996.
- Julia, Valérie; Rassoulzadegan, Mino; Glaichenhaus, Nicolas: Resistance to *Leishmania major* induced by tolerance to a single antigen. p421 18 Oct 1996.
- Jurich, M. See Lundquist, P. M.
- Just, Marcel Adam; Carpenter, Patricia A.; Keller, Timothy A.; Eddy, William F.; Thulborn, Keith R.: Brain activation modulated by sentence comprehension. p114 4 Oct 1996.
- K and L**
- Kafri, Tal. See Van Antwerp, Daniel J.
- Kahan, Frederick M. See Onishi, H. Russell.
- Kahn, Patricia (news): Coming to grips with genes and risk. p496 25 Oct 1996. Susceptibility genes: pointing a way to prevention? p497 25 Oct 1996.
- Kahne, Daniel. See Liang, Rui.
- Kainz, Pamela M. See Neitz, Jay.
- Kaiser, Jocelyn (news): First global sequencing effort begins. p30 4 Oct 1996. Green grass, cool climate? p1610 6 Dec 1996. Panel finds EMFs pose no threat. p910 8 Nov 1996. Paper-trail

- cleanup memo sparks furor. p173 11 Oct 1996. Scientists angle for answers. p1837 13 Dec 1996. Supercritical solvent comes into its own. p2013 20 Dec 1996. Swift justice salvages reputations. p338 18 Oct 1996. See Bagla, Pallava.
- Kaiser, Kim. See Connolly, John B.
- Kaiser, R. I.; Ochsenfeld, C.; Head-Gordon, M.; Lee, Y. T.; Suits, A. G.: A combined experimental and theoretical study on the formation of interstellar C₃H isomers. p1508 29 Nov 1996.
- Kakimoto, Tatsuo: CK11, a histidine kinase homolog implicated in cytokinin signal transduction. p982 8 Nov 1996.
- Kallioniemi, Olli P. See Smith, Jeffrey R.
- Kamiitnura, O. See Harada, K.
- Kammerer, Richard A. See Malashkevich, Vladimir N.
- Kamna, M. M.; Stranick, S. J.; Weiss, P. S.: Imaging substrate-mediated interactions (technical comment). p118 4 Oct 1996.
- Kamp, L. See Carlson, R.
- Kanamori, Hiroo. See Zhao, Dapeng.
- Kandel, Eric R. See Mayford, Mark.
- Kantor, David B.; Lanzein, Markus; Stary, S. Jennifer; Sandoval, Gisela M.; Smith, W. Bryan; Sullivan, Brian M.; Davidson, Norman; Schuman, Erin M.: A role for endothelial NO synthase in LTP revealed by adenovirus-mediated inhibition and rescue. p1744 6 Dec 1996.
- Karin, Michael. See Rosette, Caridad.
- Kasai, H. See Harada, K.
- Kashgarian, Michael. See Benson, Larry V.
- Kashon, Michael L. See Wise, Phyllis M.
- Kashubin, S. N. See Carbonell, R. See also Knapp, J. H.
- Kass, D. M. and Yung, Y. L.: The loss of atmosphere from Mars (technical comment). p1932 13 Dec 1996.
- Kassman, Allen. See Borelli, Thomas.
- Kastner, M. See Paytan, A.
- Kasuga, Masato. See Iretton, Keith.
- Kato, Takumi. See Yamazaki, Daisuke.
- Katz, L. C. and Shatz, C. J.: Synaptic activity and the construction of cortical circuits (special news report). p1133 15 Nov 1996.
- Kaufman, Raimund. See Spengler, Bernhard.
- Kawagishi, Ikuro. See Tatsuno, Ichiro.
- Kay, Steve A. See Hicks, Karen A.
- Kearny, Cresson H. and Orient, Jane M.: Thyroid protection (letter). p1596 6 Dec 1996.
- Keffler, David. See Gupta, Vishwas.
- Keigwin, Lloyd D.: The Little Ice Age and Medieval Warm Period in the Sargasso Sea. p1504 29 Nov 1996.
- Keller, Laurent. See Sundström, Liselotte.
- Keller, Timothy A. See Just, Marcel Adam.
- Keller, Walter. See Jenny, Andreas.
- Kelsoe, Garnett. See Han, Shuhua.
- Kennel, C. F. See Gurnett, D. A.
- Kern, Klaus. See Bromann, Karsten.
- Kerr, Richard A. (news): Did a plate tectonic surge flood Earth? p1611 6 Dec 1996. Does Europa's ice hide an ocean. p2015 20 Dec 1996. Found: Jupiter's missing water. p1467 29 Nov 1996. Galileo turns geology upside down on Jupiter's icy moons. p341 18 Oct 1996. Ice-age rain forest found moist, cooler. p35 4 Oct 1996. Ice rhythms: core reveals a plethora of climate cycles. p499 25 Oct 1996. Martian rocks tell divergent stories. p918 8 Nov 1996. A new way to ask the experts: rating radioactive waste risks. p913 8 Nov 1996. New way to read the record suggests abrupt extinction. p1303 22 Nov 1996. A shocking view of the Permo-Triassic. p1080 15 Nov 1996. Slow leak seen in Saturn's rings. p1468 29 Nov 1996. Unscrambling time in the fossil record. p1842 13 Dec 1996. Urals yield secret of a lasting bond. p181 11 Oct 1996.
- Kerridge, John F.: Mars media mayhem (letter). p161 11 Oct 1996.
- Kerschohofer, Ljuba; Sharp, Thomas G.; Rubie, David C.: Intracrystalline transformation of olivine to wadsleyite and ringwoodite under subduction zone conditions. p79 4 Oct 1996.
- Khorana, H. Gobind. See Farrens, David L.
- Khurana, K. K. See Kivelson, M. G.
- Kidd, Kenneth K. See Risch, Neil. See also Tishkoff, Sarah A.
- Kidd, W. S. F. See Nelson, K. D.
- Kieffer, H. See Carlson, R.
- Kim, Jay Bum. See Hu, Erding.
- Kim, K.-J. See Schoenlein, R. W.
- Kim, Philip. See Zhang, Jian.
- Kimura, T.; Tomioka, Y.; Kuwahara, H.; Asamitsu, A.; Tamura, M.; Tokura, Y.: Interplane tunneling magnetoresistance in a layered manganese crystal. p1698 6 Dec 1996.
- Kind, Rainer. See Estabrook, Charles H. See also Nelson, K.D. _____; Ni, James; Zhao, Wenjin; Wu, Jianxin; Yuan, Xiaohui; Zhao, Lianshe; Sandvol, Eric; Reese, Chris; Nabelek, John; Hearn, Thomas: Evidence from earthquake data for a partially molten crustal layer in southern Tibet. p1692 6 Dec 1996.
- King, Randall W. See Peters, Jan-Michael.
- _____; Deshaies, Raymond J.; Peters, Jan-Michael; Kirschner, Marc W.: How proteolysis drives the cell cycle. p1652 6 Dec 1996.
- Kinoshita, June (science in Japan): Many Japanese say West is still to their liking. p55 4 Oct 1996. Schools scramble for niche to keep up with competition. p47 4 Oct 1996. Simple life satisfies this grad student. p51 4 Oct 1996. System's rigidity reduces lure of science as a career. p49 4 Oct 1996. Women fight uphill battle for equity. p50 4 Oct 1996.
- Kirk, David H. See Bischoff, James R.
- Kirschner, Marc W. See King, Randall W. See also Peters, Jan-Michael.
- Kissel, J. See Grün, E.
- Kivelson, M. G.; Khurana, K. K.; Walker, R. J.; Warnecke, J.; Russell, C. T.; Linker, J. A.; Southwood, D. J.; Polanskey, C.: Io's interaction with the plasma torus: Galileo magnetometer report. p396 18 Oct 1996.
- Kjaer, Kristian. See Kuzmenko, Ivan.
- Klaesens, K. P. See Belton, M. J. S.
- Klabunde, Charles E. See Norton, David P.
- Klemperer, Simon L. See Makovsky, Yizhaq. See also Nelson, K. D.
- Kley, D.; Crutzen, P. J.; Smit, H. G. J.; Vömel, H.; Oltmans, S. J.; Grassl, H.; Ramanathan, V.: Observations of near-zero ozone concentrations over the convective Pacific: effects on air chemistry. p230 11 Oct 1996.
- Kling, James (news): Could transgenic supercrops one day breed superweeds? p180 11 Oct 1996. UT Southwestern: from army shacks to research elites. p1459 29 Nov 1996.
- Klug, Aaron. See Scott, William G.
- Knapp, J. H. See Berzin, R. See also Carbonell, R. See also Echtler, H. P. _____; Steer, D. N.; Brown, L. D.; Berzin, R.; Suleimanov, A.; Stiller, M.; Lütchen, E.; Brown, D. L.; Bulgakov, R.; Kashubin, S. N.; Rybalka, A. V.: Lithosphere-scale seismic image of the southern Urals from explosion-source reflection profiling. p226 11 Oct 1996.
- Knobil, Ernst and Yen, Samuel C.: The advent of menopause (letter). p184 4 Oct 1996.
- Knoll, Andrew H.; Bambach, Richard K.; Canfield, Donald; Grotzinger, John P.: Late Permian extinctions (technical comment). p1551 29 Nov 1996.
- Kobayashi, Satoru. See Nakamura, Akira.
- Koenig, Robert (news): European labs fight back against cuts. p1606 6 Dec 1996.
- Kohn, Gustave K.: Tritium production (letter). p481 25 Oct 1996.
- Kolter, Roberto. See Li, Yue-Ming.
- Kondro, Wayne (news): A 'reforestation plan' for biomedical research. p492 25 Oct 1996.
- König, L.; Rabin, I.; Schulze, W.; Ertl, G.: Chemiluminescence in the agglomeration of metal clusters. p1353 22 Nov 1996.
- Korber, Bette T. M. See Wolinsky, Steven M.
- Kotliar, Gabriel. See Abrahams, Elihu.
- Koup, Richard A. See Wolinsky, Steven M.
- Kovanen, Panu E.; Harju, Leena; Timonen, Tuomo: Complementary DNA for 12-kilodalton B cell growth factor: misaligned (technical comment). p629 25 Oct 1996.
- Kozma, Chahira. See Lapham, E. Virginia.
- Krainer, Adrian R. See Wu, Qiang.
- Krajnak, Kristine M. See Wise, Phyllis M.
- Krankowsky, Dieter and Mauersberger, Konrad: Heavy ozone—a difficult puzzle to solve (perspective). p1324 22 Nov 1996.
- Krawczyk, C. See Echtler, H. P.
- Krimigis, S. M. See Williams, D. J.
- Krist, John E. See Ballester, Gilda E. See also Clarke, John T.
- Kroeger, Donald M. See Norton, David P.
- Kromer, Bernd. See Björck, Svante.
- Krüger, H. See Grün, E.
- Krumlauf, Robb. See Lumsden, Andrew.
- Kunstman, Kevin J. See Wolinsky, Steven M.
- Kuo, J. See Nelson, K. D.
- Kuroda, Mitzi I. and Villeneuve, Anne M.: Promiscuous chromosomal proteins: complexes about sex (perspective). p1633 6 Dec 1996.
- Kurth, W. S. See Gurnett, D. A.
- Kusiak, John W. See Wolozin, Benjamin.
- Kussie, Paul H.; Gorina, Svetlana; Marechal, Vincent; Elenbaas, Brian; Moreau, Jacque; Levine, Arnold J.; Pavletich, Nikolai P.: Structure of the MDM2 oncoprotein bound to the p53 tumor suppressor transactivation domain. p948 8 Nov 1996.
- Kuwahara, H. See Kimura, T.
- Kuzmenko, Ivan; Buller, Ronith; Bouwman, Wim G.; Kjaer, Kristian; Als-Nielsen, Jens; Lahav, Meir; Leiserowitz, Leslie: Formation of chiral interdigitated multilayers at the air-liquid interface through acid-base interactions. p2046 20 Dec 1996.
- Kvale, E. P. See Sonett, C. P.
- Kwok, Ron. See Joughin, Ian.
- Labuda, Damian. See Ziolkiewicz, Ewa.
- Lacanà, Emanuela. See Wolozin, Benjamin.
- Lader, Philip: Small business grant proposals (letter). p1065 15 Nov 1996.
- Lahav, Meir. See Kuzmenko, Ivan.
- Lajoie, Kenneth R. See Chen, Yanshao.
- Lake, James A. and Rivera, Maria: *Methanococcus genome* (letter). p901 8 Nov 1996.
- Lakso, Paul F. See Nakamura, Akira.
- Lamarre, Louis. See Rincret, Aline.
- Lamaze, Christophe. See Vieira, Amandio V.
- Lamb, Chris: A ligand-receptor mechanism in plant-pathogen recognition (perspective). p2038 20 Dec 1996.
- Lamphier, Marc: Risky career move pays off (science in Japan). p54 4 Oct 1996.
- Lampton, Michael. See Bowyer, Stuart.
- Lander, E. S. See Schuler, G. D.
- Lander, Eric S.: The new genomics: global views of biology (policy forum). p536 25 Oct 1996.
- Landfield, Philip W. See Gallagher, Michela.
- Lanzrotti, L. J. See Williams, D. J.
- Lanzrein, Markus. See Kantor, David B.
- Lapham, Cheryl K.; Ouyang, Jun; Chandrasekhar, Bhaskar; Nguyen, Ngan Y.; Dimitrov, Dimiter S.; Golding, Hana: Evidence for cell-surface association between fusin and the CD4-gp120 complex in human cell lines. p602 25 Oct 1996.
- Lapham, E. Virginia; Kozma, Chahira; Weiss, Joan O.: Genetic discrimination: perspectives of consumers. p621 25 Oct 1996.
- Larbalestier, David: Superconductor flux pinning and grain boundary control (perspective). p736 1 Nov 1996.
- Lashkari, Deval. See Smith, Victoria.
- Lau, Wai Shun. See Balbach, Jochen.
- Laurent, Gilles. See MacLeod, Katrina.
- Lavelle, Daniel T. See Scofield, Steven R.
- Lawler, Andrew (news): Building a bridge between the big bang and biology. p912 8 Nov 1996. Clinton pushes Internet initiative. p335 18 Oct 1996. Congress: tough races and new faces. p334 18 Oct 1996. Database access fight heats up. p1074 15 Nov 1996. DOE to industry: so long, partner. p24 4 Oct 1996. Dole, Clinton lay out opposing views. p333 18 Oct 1996. Ex-president settles for \$687,500. p1605 6 Dec 1996. Flotilla is heading to Mars seeking end to data drought. p1075 15 Nov 1996. Gibbons warns of decline in R&D. p1830 13 Dec 1996. Livermore settles audit for \$2.7 million. p493 25 Oct 1996. Mars loss could sink planetary probes. p1297 22 Nov 1996. NASA slices biology program on station. p495 25 Oct 1996. NIH works to rekindle old flame. p25 4 Oct 1996. Origins researchers win Gore's ear, not pocketbook. p2003 20 Dec 1996. Political sails are up for revamping DOE. p1831 13 Dec 1996. A postelection vote for consensus. p1072 15 Nov 1996. An R&D victory, but for how long? p332 18 Oct 1996. Treaty draft raises scientific hackles. p494 25 Oct 1996. Turning bad oil into black gold takes a wrong turn. p24 4 Oct 1996. See also Marshall, Eliot.
- Lazor, Peter. See Saxena, Surendra K.
- Lazarini, Alice M. See Polymeropoulos, Michael H.
- Le Meur, H. See Zollo, A.
- Le Quéré, Corinne. See Sarmiento, Jorge L.
- Leader, F. See Carlson, R.
- LeClerc, J. Eugene; Li, Baoguang; Payne, William L.; Cebula, Thomas A.: High mutation frequencies among *Escherichia coli* and *Salmonella* pathogens. p1208 15 Nov 1996.
- Lee, Der-Chuen and Halliday, Alex N.: Hf-W isotopic evidence for rapid accretion and differentiation in the early solar system. p1876 13 Dec 1996.
- Lee, Dominique. See Norton, David P.
- Lee, Michael. See SanMiguel, Phillip.
- Lee, V. Y. See Lundquist, P. M.
- Lee, W. Y. See Schuler, G. D.
- Lee, Y. T. See Kaiser, R. I.
- Leemans, W. P. See Schoenlein, R. W.
- Lefebvre, Olivier; Chenard, Marie-Pierre; Masson, Régis; Linares, José; Dierich, André; LeMeur, Marianne; Wendling, Corinne; Tomasetto, Catherine; Champon, Pierre; Rio, Marie-Christine: Gastric mucosa abnormalities and tumorigenesis in mice lacking the pS2 trefoil protein. p259 11 Oct 1996.
- Leggett, A. J.: Interlayer tunneling models of cuprate superconductivity: implications of a recent experiment. p587 25 Oct 1996.
- Lehner, Christian F. See Edgar, Bruce A.
- Lei, Xiong. See Xiguang, Li.
- Leiserowitz, Leslie. See Kuzmenko, Ivan.
- Lellouch, E. See Carlson, R.
- Lendahl, Geoffrey. See Björck, Svante.
- LeMeur, Marianne. See Lefebvre, Olivier.
- Lenski, Richard E. See Elena, Santiago F.
- Lesch, Klaus-Peter; Bengel, Dietmar; Heils, Armin; Sabol, Sue Z.; Greenberg, Benjamin D.; Petri, Susanne; Benjamin, Jonathan; Müller, Clemens R.; Hamer, Dean H.; Murphy, Dennis L.: Association of anxiety-related traits with a polymorphism in the serotonin transporter gene regulatory region. p1527 29 Nov 1996.
- Leshou, Chen. See Nelson, K. D.
- Levine, Arnold J. See Kussie, Paul H.
- Levitow, Jeffrey S. See Wray, Gregory A.
- Levitin, Irwin B. See Holmes, Todd C.
- Levy, Jay A. See Mackewicz, Carl E.

- Lewis, Mitchell: DNA looping and *Lac* repressor-CAP interaction (technical comment). p1931 13 Dec 1996.
- Lewis, Nathan S. See Fajardo, Arnel M.
- Leysier, H. M. O. See O'Donnell, P. J.
- Li, Baoguang. See LeClerc, J. Eugene.
- Li, Jumbai. See Fytas, George.
- Li, K. W. See Fainzilber, M.
- Li, Ming. See Makovsky, Yizhaq.
- Li, Shou-Hsien and Messier, Walter: "Quetzal" coatings (letter). p1289 22 Nov 1996.
- Li, W. Z.; Xie, S. S.; Qian, L. X.; Chang, B. H.; Zou, B. S.; Zhou, W. Y.; Zhao, R. A.; Wang, G.: Large-scale synthesis of aligned carbon nanotubes. p1701 6 Dec 1996.
- Li, Xiang-Dong. See Romanowicz, Barbara.
- Li, Yong and Benezra, Robert: Identification of a human mitotic checkpoint gene: *hsMAD2*. p246 11 Oct 1996.
- Li, Yue-Ming; Milne, Jill C.; Madison, Lara L.; Kolter, Roberto; Walsh, Christopher T.: From peptide precursors to oxazole and thiazole-containing peptide antibiotics: microcin B17 synthase. p1188 15 Nov 1996.
- Li, Zhong. See Schwarz, Klaus.
- Liang, Rui; Yan, Lin; Loebach, Jennifer; Ge, Min; Uozumi, Yasuhiro; Sekanina, Klara; Horan, Nina; Gildersleeve, Jeff; Thompson, Chris; Smith, Andri; Biswas, Kaustav; Still, W. Clark; Kahn, Daniel: Parallel synthesis and screening of a solid phase carbohydrate library. p1520 29 Nov 1996.
- Lichtenberg, C. L. See Nozette, S.
- Lichter, Robert L.: Science for nonmajors...and majors (letter). p483 25 Oct 1996.
- Lieb, Jason D. See Chuang, Pao-Tien.
- ; Capowski, Elizabeth E.; Meneely, Philip; Meyer, Barbara J.: DPY-26, a link between dosage compensation and meiotic chromosome segregation in the nematode. p1732 6 Dec 1996.
- Lieber, Charles M. See Zhang, Jian.
- Lieber, Michael R. See Schwarz, Klaus.
- Lieberson, Rebecca. See Hodge, Martin R.
- Lienard, D. See Hahne, M.
- Lieu, Richard; Mittaz, Jonathan P. D.; Bowyer, Stuart; Breen, Jeffrey O.; Lockman, Felix J.; Murphy, Edward M.; Hwang, Chorng-yuan: Diffuse extreme-ultraviolet emission from the Coma cluster: evidence for rapidly cooling gases at submegakelvin temperatures. p1335 22 Nov 1996.
- Lieu, Richard. See Bowyer, Stuart.
- Lim, Chang-Su. See Ren, Peifeng.
- Linares, José. See Lefebvre, Olivier.
- Lindberg, David C.: review of *The Scientific Revolution*, by Steven Shapin. p1148 15 Nov 1996.
- Lindberg, Frederik P.; Bullard, Daniel C.; Caver, Tony E.; Gresham, Hattie D.; Beaudet, Arthur L.; Brown, Eric J.: Decreased resistance to bacterial infection and granulocyte defects in IAP-deficient mice. p795 1 Nov 1996.
- Lindblad, B. A. See Grün, E.
- Lindenmeier, Charles W. See Fisher, Darrell R.
- Lindner, Doris. See Schwarz, Klaus.
- Lindquist, Susan. See Duina, Andrea A.
- Linington, Christopher. See Genain, Claude P.
- Linker, J. A. See Kivelson, M. G.
- Linkert, D. See Grün, E. See also Grün, E. See also Zook, H. A.
- Liotta, Lance A. See Emmert-Buck, Michael R.
- Liou, J.-C. See Zook, H. A.
- Lipilin, A. See Berzin, R.
- Lipoldova, Marie. See Demant, Peter.
- Lipps, Jerry H.: review of *Biotic Recovery from Mass Extinction Events*, edited by M. B. Hart. p936 8 Nov 1996.
- Lisse, C. M.; Dennen, K.; Englhauser, J.; Harden, M.; Marshall, F. E.; Mumma, M. J.; Petre, R.; Pye, J. P.; Ricketts, M. J.; Schmitt, J.; Trümper, J.; West, R. G.: Discovery of x-ray and extreme ultraviolet emission from comet C/Hyakutake 1996 B2. p205 11 Oct 1996.
- List, Fred A. See Norton, David P.
- Little, Elizabeth. See Doolittle, Russell F.
- Liu, Jie. See Zhang, Jian.
- Liu, M. See Johnson, R. E.
- Liu, Xianwen. See Brown, L. D. See also Nelson, K. D.
- Livmore, C.; Crouch, C. H.; Westervelt, R. M.; Campman, K. L.; Gossard, A. C.: The Coulomb blockade in coupled quantum dots. p1332 22 Nov 1996.
- Livingston, Katherine: review of *In Search of Nature*, by Edward O. Wilson. p734 1 Nov 1996. review of *The Life of Stefan Banach*, by Roman Kaluza. p734 1 Nov 1996. review of *On Social Structure and Science*, by Robert K. Merton. p734 1 Nov 1996. review of *Ship Fever and Other Stories*, by Andrea Barrett. p1478 29 Nov 1996. review of *Sixty Years of Biology*, by John Tyler Bonner. p734 1 Nov 1996.
- Lloyd, Robert G. See Rafferty, John B.
- Lockhart, David J. See Chee, Mark.
- Lockman, Felix J. See Lieu, Richard.
- Loebach, Jennifer. See Liang, Rui.
- Loewenstein, M. See Boering, K. A.
- Loidl, A. See Schiener, B.
- Londono, J. D. See McClain, J. B.
- Lopes-Gautier, R. See Carlson, R.
- Lopez, Alan D. See Murray, Christopher J. L.
- Lottspeich, Friedrich. See Tamura, Tomohiro.
- Louis, E. J. See Goffeau, A.
- Louis-Dit-Sully, C. See Schuler, G. D.
- Lu, You. See Deng, Guoren.
- Ludwig, Leopold. See Schwarz, Klaus.
- Lue, Neal F. See Nugent, Constance I.
- Lugaresi, Elio. See Telling, Glenn C.
- Lumsden, Andrew and Krumlau, Robb: Patterning the vertebrate neuraxis. p1109 15 Nov 1996.
- Lund, Steve P. See Benson, Larry V.
- Lundblad, Victoria. See Nugent, Constance I.
- Lundquist, P. M.; Wortmann, R.; Geletnicky, C.; Twieg, R. J.; Jurich, M.; Lee, V. Y.; Moylan, C. R.; Burland, D. M.: Organic glasses: a new class of photorefractive materials. p1182 15 Nov 1996.
- Lüschen, E. See Knapp, J. H.
- Lusso, Paolo. See Cocchi, Fiorenza.
- Lyons, Robert H. See Chinnaian, Arul M.
- ## M and N
- Ma, J. See Schuler, G. D.
- Maarten van Dijk, Jan. See Rep, Martijn.
- Mac Lane, Sanders: Strategic research (letter). p325 18 Oct 1996.
- MacGilvary, A. See Schuler, G. D.
- Mackiewicz, Carl E.; Barker, Edward; Levy, Jay A.: Role of β -chemokines in suppressing HIV replication (technical comment). p1393 22 Nov 1996.
- MacLeod, Katrina and Laurent, Gilles: Distinct mechanisms for synchronization and temporal patterning of odor-encoding neural assemblies. p976 8 Nov 1996.
- Mader, C. See Schuler, G. D.
- Madison, Lara L. See Li, Yue-Ming.
- Mahdi, Akeel A. See Rafferty, John B.
- Maizel, Abby. See Sharma, Surendra.
- Makalowski, Wojciech. See Ziolkiewicz, Ewa.
- Makovsky, Yizhaq. See Nelson, K. D.
- ; Klemperer, Simon L.; Ratschbacher, Lothar; Brown, Larry D.; Li, Ming; Zhao, Wenjin; Meng, Fanle: INDEPTH wide-angle reflection observation of P -wave-to-S-wave conversion from crustal bright spots in Tibet. p1690 6 Dec 1996.
- Malaré, E. See Nozette, S.
- Malashkevich, Vladimir N.; Kammerer, Richard A.; Efimov, Vladimir P.; Schulthess, Therese; Engel, Jürgen: The crystal structure of a five-stranded coiled coil in COMP: a prototype ion channel? p761 1 Nov 1996.
- Malinow, R. See Wu, G.-Y.
- Mandelboim, Ofer. See Paizany, Laszlo.
- ; Davis, Daniel M.; Reyburn, Hugh T.; Valés-Gómez, Mark; Sheu, Eric G.; Paizany, Laszlo; Strominger, Jack L.: Enhancement of class II-restricted T cell responses by costimulatory NK receptors for class I MHC proteins. p2097 20 Dec 1996.
- Manley, James L. and Takagaki, Yoshio: The end of the message—another link between yeast and mammals (perspective). p1481 29 Nov 1996.
- Mann, I. See Grün, E.
- Manson, Michael D. See Gardina, Paul J.
- Maratukulam, A. See Schuler, G. D.
- Mardon, Austin: Meteorite recovery (letter). p329 18 Oct 1996.
- Marchal, Vincent. See Kusse, Paul H.
- Marko, István E.; Giles, Paul R.; Tsukasaki, Masao; Brown, Stephen M.; Urch, Christopher J.: Copper-catalyzed oxidation of alcohols to aldehydes and ketones: an efficient aerobic alternative. p2044 20 Dec 1996.
- Marsh, James A. See Duina, Andrea A.
- Marshall, A. T.: Calcification rates in corals (technical comment). p1174 4 Oct 1996.
- Marshall, Charles R. and Ward, Peter D.: Sudden and gradual molluscan extinctions in the latest Cretaceous of western European Tethys. p1360 22 Nov 1996.
- Marshall, Eliot (news): Activists vote \$14 million for research. p1077 15 Nov 1996. Battle ends in \$21 million settlement. p911 8 Nov 1996. Critics say Laskers omitted NO pioneer. p173 1 Oct 1996. Doubts cast on leukemia papers. p909 8 Nov 1996. ELSI's cystic fibrosis experiment. p489 25 Oct 1996. Fraud strikes top genome lab. p908 8 Nov 1996. The genome program's conscience. p488 25 Oct 1996. The human gene hunt scales up. p1456 29 Nov 1996.
- and Lawler, Andrew (news): Congress: biomedical research wins big. p274 4 Oct 1996.
- Marshall, F. E. See Lisse, C. M.
- Martin, Gail: Pass the butter... (perspective). p203 11 Oct 1996.
- Martin, Gregory B. See Tang, Xiaoyan.
- Martin, Larry D. See Hou, Lianhai.
- Martin, Ronald E.: Late Permian extinctions (technical comment). p1549 29 Nov 1996.
- Martin, Séamus J. See Van Antwerp, Daniel J.
- Martin, T. Z. See Orton, G. S.
- Maruyama, Takayuki; Fuller, Gerald; Frank, Curtis; Robertson, Channing: Flow-induced molecular orientation of a Langmuir film. p233 11 Oct 1996.
- Marx, Jean (news): Dissecting how presenilins function—and malfunction. p1838 13 Dec 1996. New 'Alzheimer's mouse' produced. p177 11 Oct 1996. See also Hines, Pamela J.
- Mashimo, Hiroshi; Wu, Deng-Chyang; Podolsky, Daniel K.; Fishman, Mark C.: Impaired defense of intestinal mucosa in mice lacking intestinal trefoil factor. p262 11 Oct 1996.
- Masland, Richard H.: Consequences of retinal color coding for cortical color decoding (technical comment). p2118 20 Dec 1996.
- Masson, Régis. See Lefebvre, Olivier.
- Mastronanni, James. See Telling, Glenn C.
- Mathews, Grant J.: review of *Supernovae and Nucleosynthesis*, by David Arnett. p1320 22 Nov 1996.
- Mathey, William J.: Cosmic cat? (letter). p329 18 Oct 1996.
- Matisse, T. C. See Schuler, G. D.
- Matson, D. See Carlson, R.
- Matsuda, T. See Harada, K.
- Matsuimoto, Eiji. See Mitsuguchi, Takehiro.
- Mauersberger, Konrad. See Krankowsky, Dieter.
- Mauk, B. H. See Williams, D. J.
- May, Robert M. See Nowak, Martin A.
- Mayford, Mark; Bach, Mary Elizabeth; Huang, Yan-You; Wang, Lei; Hawkins, Robert D.; Kandel, Eric R.: Control of memory formation through regulated expression of a CaMKII transgene. p1678 6 Dec 1996.
- Mayo, Marty W. See Wang, Cun-Yu.
- Mayr, Ernst: review of *Dictionnaire de Darwinisme et de l'Evolution*, edited by Patrick Tort. p2032 20 Dec 1996.
- McArthur, Justin C. See Adamson, D. Cory.
- Mccaffrey, J. See Fafard, S.
- McClain, J. B.; Betts, D. E.; Canelas, D. A.; Samulski, E. T.; DeSimone, J. M.; Londono, J. D.; Cochran, H. D.; Wignall, G. D.; Chilliura-Martino, D.; Triolo, R.: Design of nonionic surfactants for super-critical carbon dioxide. p2049 20 Dec 1996.
- McCORD, T. See Carlson, R.
- McCormick, Alon V. See Gupta, Vishwas.
- McCormick, David A. See Gray, Charles M.
- McCormick, Frank. See Bischoff, James R.
- McDonnell, J. A. M. See Grün, E.
- McDonough, Michele. See Joneson, Tom.
- McEntire, R. E. See Williams, D. J.
- McEwen, A. S. See Belton, M. J. S.
- McEwen, Bruce. See Gallagher, Michela.
- McFarland, Henry F.: Complexities in the treatment of autoimmune disease (perspective). p2037 20 Dec 1996.
- McGeary, Michael and Smith, Philip M.: The R&D portfolio: a concept for allocating science and technology funds (policy forum). p1484 29 Nov 1996.
- McGuire, Jeffrey J.; Ihmlé, Pierre F.; Jordan, Thomas H.: Time-domain observations of a slow precursor to the 1994 Romanche Transform earthquake. p82 4 Oct 1996.
- McHeyzer-Williams, Michael G. See Altman, John D.
- McIntosh, Deirdre P. See Schnitzer, Jan E.
- McIntyre, Andrew and Molfino, Barbara: Forcing of Atlantic equatorial and subtropical millennial cycles by precession. p1867 13 Dec 1996.
- McKay, David S. See Gibson, Everett K., Jr.
- ; Thomas-Keptra, Kathie L.; Romanek, Christopher S.; Gibson, Everett K. Jr.; Vali, H.; Hjhatallah: Evaluating the evidence of past life on Mars (technical comment). p2123 20 Dec 1996.
- McKusick, K. B. See Schuler, G. D.
- McLachlan, John A.: Activation of estrogen receptors (letter). p1285 22 Nov 1996.
- McLeod, Christopher Adam: Universities defending themselves in Japan (letter). p1596 6 Dec 1996.
- McMichael, Andrew J. See Altman, John D. See also Nowak, Martin A.
- McNamara, Kenneth J.: Dating the origin of animals (letter). p1995 20 Dec 1996.
- McNaughton, Bruce L. See Skaggs, William E.
- McPhaden, M. J. See Picaut, J.
- McSween, Harry Y., Jr.: review of *Chondrules and the Protoplanetary Disk*, edited by R. H. Hewins, R. H. Jones, and E. R. D. Scott. p935 8 Nov 1996.
- Meadows, Robert P. See Shuker, Suzanne B.
- Meadows, Vicki. See Ballester, Gilda E. See also Clarke, John T.
- Mealey, Michael J. See Gallagher, Michela.
- Mechie, J. See Carbonell, R. See also Nelson, K. D.
- Meeks-Wagner, D. Ry. See Hicks, Karen A.
- Meeley, Robert B. See Mena, Montaña.
- Meggers, Berry J.: Paleoindians in the Brazilian Amazon (letter). p1823 13 Dec 1996.
- Mehlman, R. See Carlson, R.
- Mehta, Shashi. See Sharma, Surendra.
- Meissner, R. See Nelson, K. D.
- Melake-Berhan, Admasu. See San Miguel, Phillip.
- Mellan, Margaret: Resistance management (letter). p703 1 Nov 1996.

- Melroe, Holly. See Haase, Ashley T.
- Memo, Maurizio. See Grilli, Mariagrazia.
- Menat, Montana; Ambrose, Barbara A.; Meeley, Robert B.; Briggs, Steven P.; Yanofsky, Martin F.; Schmidt, Robert J.: Diversification of C-function activity in maize flower development. p1537 29 Nov 1996.
- Meneely, Philip. See Lieb, Jason D.
- Meng, Fanle. See Makovsky, Yizhao.
- Menkes, C. See Picaut, J.
- Menshikov, Y. See Echtler, H. P.
- Merkley, Dennis R. See Cooper, Reid R.
- Mervis, Jeffrey (news): Both sides point finger in tiff over China dig. p715 1 Nov 1996. Government gives green light to four new facilities. p715 8 Nov 1996. New ideas go with the flow. p2001 20 Dec 1996. NSF, Academy to rank U.S. mathematics. p336 18 Oct 1996. NSF poised to continue novel program. p1605 6 Dec 1996. Smiles and status quo at NSF. p2000 20 Dec 1996. (science in Japan): Science in Japan: competition on campus. p43 4 Oct 1996.
- Messier, Walter. See Li, Shou-Hsien.
- Mewes, H. W. See Goffeau, A.
- Mygaard, Linde. See Wolthers, Katja C.
- Meyer, Barbara J. See Chuang, Pao-Tien. See also Lieb, Jason D.
- Meyers, Deborah A. See Smith, Jeffrey R.
- Michelmore, Richard W. See Scofield, Steven R.
- Miedema, Frank. See Wolthers, Katja C.
- Millar, Andrew J. See Hicks, Karen A.
- Miller, Chris: A chloride channel model? (perspective). p738 1 Nov 1996.
- Miller, Jacques F. A. P. See Blanas, Effrossini.
- Miller, M. C. See Colinvaux, P. A.
- Milne, Jill C. See Li, Yue-Ming.
- Minelli, Alessandro: Linnaean categories. (letter). p1993 20 Dec 1996.
- Minville-Sebastia, Lionel. See Jenny, Andreas.
- Mirabile, L. See Zollo, A.
- Mitchell, Grant. See Ziolkiewicz, Ewa.
- Mitchell, John F. B. See Tett, Simon F. B.
- Mitsuguchi, Takehiro; Matsumoto, Eiji; Abe, Osamu; Uchida, Tetsuo; Isdale, Peter J.: Mg/Ca thermometry in coral skeletons. p961 8 Nov 1996.
- Mittaz, Jonathan P. D. See Lieu, Richard.
- Moerner, W. E. See Dickson, Robert M.
- Moffat, Anne Simon (news): Higher yielding perennials point the way to new crops. p1469 29 Nov 1996.
- Moffat, Keith. See Šrámek, Vukica.
- Molfino, Barbara. See McIntyre, Andrew.
- Mondale, Walter F.: America's challenge (editorial). p899 8 Nov 1996.
- Monot, René. See Bromann, Karsten.
- Montagna, Pasquale. See Telling, Glenn C.
- Montecarlo, Felipe S. See Atchison, Robert E.
- Moore, George P.; Rosenberg, Jay R.; Harry, David; Breeze, Peter: "Replay" of hippocampal "memories" (technical comment). p2116 15 Nov 1996.
- Moore, J. See Belton, M. J. S.
- Moore, John W.: Psychobiology and biopsychology (letter). p326 18 Oct 1996.
- Moore, Patrick S.; Boshoff, Chris; Weiss, Robin A.; Chang, Yuan: Molecular mimicry of human cytokine and cytokine response pathway genes to KSHV. p1739 6 Dec 1996.
- Morata, Gines. See Calleja, Manuel.
- Moreau, Jacque. See Kussie, Paul H.
- Morell, Virginia (news): Sizing up evolutionary radiations. p1462 29 Nov 1996.
- Moreno, Eduardo. See Calleja, Manuel.
- Moreno, J. E. See Colinvaux, P. A.
- Morfill, G. E. See Grün, E.
- Morgan, John. See Sharma, Surendra.
- Mori, Masaharu. See Hikida, Masaki.
- Morimoto, Richard I.: review of *The Chaperonins*, edited by R. John Ellis. p1848 13 Dec 1996. See also Freeman, Brian C.
- Morrisette, J. See Schuler, G. D.
- Morozov, A. See Carbonell, R.
- Morris, Macdonald S. See Chee, Mark.
- Morrison, D. See Belton, M. J. S.
- Moshchalkov, V. V. See Harada, K.
- Moss, Paul A. H. See Altman, John D.
- Motchoulskaia, Natasha. See SanMiguel, Phillip.
- Moudrianakis, Evangelos N. See Pruss, Dmitry.
- Mould, Jeremy R. See Ballester, Gilda E. See also Clarke, John T.
- Moylan, C. R. See Lundquist, P. M.
- Mueller, Ulrich G.: review of *Evolution of Social Insect Colonies*, by Ross H. Crozier and Pekka Pamilo. p1477 29 Nov 1996.
- Mukai, Masanori. See Nakamura, Akira.
- Müller, Clemens R. See Lesch, Klaus-Peter.
- Multihau, Gerd: Alzheimer's precursor protein and the use of bathocuproine for determining reduction of copper(II) (technical comment). p1934 13 Dec 1996.
- Mumma, M. J. See Lisse, C. M.
- Muna, Mike. See Bischoff, James R.
- Mungall, A. See Schuler, G. D.
- Murakami, Kazuo. See Takimoto, Eriko.
- Murakami, Y. See Goffeau, A.
- Murphy, Daniel M. See Peter, Thomas.
- Murphy, Dennis L. See Lesch, Klaus-Peter.
- Murphy, Edward M. See Lieu, Richard.
- Murphy, Kenneth. See Güler, Mehmet.
- Murphy, N. See Garrard, T. L.
- Murray, Andrew W. See Chen, Rey-Huei.
- Murray, Christopher J. L. and Lopez, Alan D.: Evidence-based health policy—lessons from the global burden of disease study (policy forum). p740 1 Nov 1996.
- Murray, David W. See Clemens, Steven C.
- Murray, James B. See Scott, William G.
- Muselet, D. See Schuler, G. D.
- Myers, R. M. See Schuler, G. D.
- Nabelek, John. See Kind, Rainer. See also Nelson, K. D.
- Nadis, Steve (news): All-in-one detectors for the faintest objects. p36 4 Oct 1996.
- Nagase, T. See Schuler, G. D.
- Nakamura, Akira; Amikura, Reiko; Mukai, Masanori; Kobayashi, Satoru; Lakso, Paul F.: Requirement for a noncoding RNA in *Drosophila* polar granules for germ cell establishment. p2075 20 Dec 1996.
- Nasmyth, Kim: Viewpoint: putting the cell cycle in order. p1643 6 Dec 1996. See also Zachariae, Wolfgang.
- Negishi, Hiroaki. See Zhao, Dapeng.
- Neitz, Jay; Neitz, Maureen; Kainz, Pamela M.: Visual pigment gene structure and the severity of color vision defects. p801 1 Nov 1996.
- Neitz, Maureen. See Neitz, Jay.
- Nellist, P. D. and Pennycook, S. J.: Direct imaging of the atomic configuration of ultradispersed catalysts. p413 18 Oct 1996.
- Nelson, K. D. See Brown, L. D.
- _____, Zhao, Wenjin; Brown, L. D.; Kuo, J.; Che, Jinkai; Liu, Xianwen; Klempner, S. L.; Makovsky, Y.; Meissner, R.; Mechie, J.; Kind, R.; Wenzel, F.; Ni, J.; Nabelek, J.; Leshou, Chen; Tan, Handong; Wei, Wenbo; Jones, A. G.; Booker, J.; Unsworth, M.; Kidd, W. S. F.; Hauck, M.; Alsdorf, D.; Ross, A.; Cogan, M.; Wu, Changde; Sandvol, E.; Edwards, M.: Partially molten middle crust beneath southern Tibet: synthesis of Project INDEPTH results. p1684 6 Dec 1996.
- Neuberger, Michael S. See O'Keefe, Theresa L.
- Neukum, G. See Belton, M. J. S.
- Neumann, Aviad U. See Wolinsky, Steven M.
- Newport, Elissa L. See Saffran, Jenny R.
- News and Editorial Staffs (breakthrough of the year): Haves and have-nots. p1990 20 Dec 1996. New hope in HIV disease. p1988 20 Dec 1996. Scanning the research horizon. p1989 20 Dec 1996. Scorecard '96. p1991 20 Dec 1996.
- Ng, Lelia. See Bischoff, James R.
- Nguyen, Nga Y. See Lapham, Cheryl K.
- Ni, James. See Kind, Rainer.
- Ni, Jian. See Chinmaya, Arul M.
- Ni, J. See Nelson, K. D.
- Nilsen, Steven. See Hsiao, Karen.
- Nivarthi, Sriram S. See Gupta, Vishwas.
- Noam, Eli M. and Sato, Harunasa: Kobe's lesson: dial 711 for "open" emergency communications (policy forum). p739 1 Nov 1996.
- Noble, Suzanne M. See Chanfreau, Guillaume.
- Noiriot-Gros, Marie-Françoise and Ehrlich, Stanislav D.: Change of a catalytic reaction carried out by a DNA replication protein. p777 1 Nov 1996.
- Nomura, N. See Schuler, G. D.
- Norman, W. Caffey, III: Exposure to methylene chloride (letter). p327 18 Oct 1996.
- Normile, Dennis (news): Global interest high, knowledge low. p1074 15 Nov 1996. Japan hopes to cash in on industry-university ties. p1457 29 Nov 1996. Korean institute ponders role in global eradication efforts. p1607 6 Dec 1996. The moon looms large in Japan's plans. p712 1 Nov 1996. New funding helps MITI reform labs. p26 4 Oct 1996. Trio of programs seeks economic payoff. p1458 29 Nov 1996. (science in Japan): Corporate concerns and cost clamp down on Ph.D. output. p52 4 Oct 1996. Gaijin find balmy climate for cutting-edge science. p54 4 Oct 1996. Job market shapes undergrad studies. p49 4 Oct 1996. Reformers fight to draw more students into science. p56 4 Oct 1996. Universities step up to the challenge. p44 4 Oct 1996.
- Norris, D. J. See Dickson, Robert M.
- Northcutt, R. Glenn: review of *Before the Backbone*, by Henry Gee. p1629 6 Dec 1996.
- Norton, David P.; Goyal, Amit; Budai, John D.; Christen, David K.; Kroeger, Donald M.; Specht, Eliot D.; He, Qing; Saffian, Bernd; Paranthaman, M.; Klabunde, Charles E.; Lee, Dominic F.; Sales, Brian C.; List, Fred A.: Epitaxial $YBa_2Cu_3O_7$ on biaxially textured nickel (001): an approach to superconducting tapes with high critical current density. p755 1 Nov 1996.
- Nottebohm, Fernando. See Chew, Sek Jin.
- Novak, Jan: Programmed cell death (letter). p20 4 Oct 1996.
- Novick, Daniela. See Cohen, Batya.
- Nowak, Martin A.; Andersen, Roy M.; Boerlijst, Maarten C.; Bonhoeffer, Sebastian; May, Robert M.; McMichael, Andrew J.: HIV-1 evolution and disease progression (technical comment). p1008 8 Nov 1996.
- Nozette, S.; Lichtenberg, C. L.; Spudis, P.; Bonner, R.; Ort, W.; Malaret, E.; Robinson, M.; Shoemaker, E. M.: The Clementine bistatic radar experiment. p1495 29 Nov 1996.
- Nugent, Constance I.; Hughes, Timothy R.; Lue, Neal F.; Lundblad, Victoria: Cdc13p: a single-strand telomeric DNA-binding protein with a dual role in yeast telomere maintenance. p249 11 Oct 1996.
- Nusbaum, H. C. See Schuler, G. D.
- Nusbaum, Robert L. See Polymeropoulos, Michael H.
- Nusskern, Deborah R. See Smith, Jeffrey R.
- Nye, Julie A. See Bischoff, James R.

O and P

- Obermaier, Brigitte. See Zachariae, Wolfgang.
- O'Brien, Claire (news): EU stops fiddling while cows burn. p1297 22 Nov 1996. Protein test favors BSE-CJD link. p721 1 Nov 1996.
- O'Brien, Stephen J. See Dean, Michael.
- Ocampo, A. See Carlson, R.
- Ochsenfeld, C. See Kaiser, R. I.
- O'Donnell, P. J.; Calvert, C.; Atzmon, R.; Wasternack, C.; Leyser, H. M. O.; Bowles, D. J.: Ethylene as a signal mediating the wound response of tomato plants. p1914 13 Dec 1996.
- Ogawa, Wataru. See Ireton, Keith.
- Oh, Phil. See Schnitzer, Jan E.
- Ohmori, Hitoshi. See Hikida, Masaki.
- Ohtani, Eiji. See Yamazaki, Daisuke.
- O'Kane, Cahir J. See Connolly, John B.
- O'Keefe, Theresa L.; Williams, Gareth T.; Davies, Sarah L.; Neuberger, Michael S.: Hyperresponsive B cells in CD22-deficient mice. p798 1 Nov 1996.
- Olendzenski, Lorraine. See Gogarten, J. Peter.
- Oliver, S. G. See Goffeau, A.
- Olsen, Gary J.; Woese, Carl R.; White, Owen; Venter, J. Craig: *Methanococcus* genome (letter). p902 8 Nov 1996.
- Oltmans, S. J. See Kley, D.
- Oncken, O. See Berzin, R.
- Onishi, H.; Russell, Pelak, Barbara A.; Gerckens, Lynn S.; Silver, Lynn L.; Kahan, Frederick M.; Chen, Meng-Hsin; Patchett, Arthur A.; Galloway, Susan M.; Hyland, Sheryl A.; Anderson, Matt S.; Raetz, Christian R. H.: Antibacterial agents that inhibit lipid A biosynthesis. p980 8 Nov 1996.
- Onodera, Kayoko. See Takahashi, Tomoyuki.
- Oosawa, Kenji. See Tatsuno, Ichiro.
- Orient, Jane M. See Kearny, Cresson H.
- O'Rourke, Karen. See Chinnaiyan, Arul M.
- Ort, W. See Nozette, S.
- Orton, G. S. See Belton, M. J. S. See also Carlson, R.
- _____, Spencer, J. R.; Travis, L. D.; Martin, T. Z.; Tampari, L. K.: Galileo photopolarimeter-radiometer observations of Jupiter and the Galilean satellites. p389 18 Oct 1996.
- Otto, Sigrid A. See Wolthers, Katja C.
- Ouyang, Jun. See Lapham, Cheryl K.
- Padian, Kevin: review of *The Horned Dinosaurs*, by Peter Dodson. p367 18 Oct 1996.
- Page, D. C. See Schuler, G. D.
- Palmiter, Richard D. See Erickson, Jay C.
- Pannicke, Ulrich. See Schwarz, Klaus.
- Pao, Annie. See Denisenko, Mikhail F.
- Papaioannou, Virginia E. See Hotamisligil, Gökhann S.
- Papike, J. J. See Shearer, C. K.
- Pappalardo, R. See Belton, M. J. S.
- Paranthaman, M. See Norton, David P.
- Parchi, Piero. See Telling, Glenn C.
- Parker, David E. See Tett, Simon F. B.
- Parkhurst, Susan M. See Gallant, Peter.
- Parsons, Paul: A warped view of time travel (perspective). p202 11 Oct 1996.
- Pascal, Chris B.: Misconduct annotations (letter). p1066 15 Nov 1996.
- Patchett, Arthur A. See Onishi, H. Russell.
- Paterson, W. R. See Frank, L. A.
- Pavletich, Nikola P. See Gorina, Svetlana. See also Kussie, Paul H.
- Payne, William L. See LeClerc, J. Eugene.
- Paystrate, Bernard. See Ireton, Keith.
- Paytan, A.; Kastner, M.; Chavez, F. P.: Glacial to interglacial fluctuations in productivity in the equatorial Pacific as indicated by marlne barite. p1355 22 Nov 1996.
- Pazmany, Laszlo; Mandelboim, Ofer; Valés-Gómez, Mar; Davis, Daniel M.; Reyburn, Hugh T.; Strominger, Jack L.: Protection from natural killer cell-mediated lysis by HLA-G expression on target cells. p792 1 Nov 1996.
- Pazmany, Laszlo. See Mandelboim, Ofer.
- Pearson, G. A.: Of sex and gender (letter). p328 18 Oct 1996.
- Peck, A. See Schuler, G. D.
- Pelak, Barbara A. See Onishi, H. Russell.
- Pelaz, Soraya. See Calleja, Manuel.
- Pennisi, Elizabeth (news): Expanding the eukaryote's cast of

- chaperones. p1613 6 Dec 1996. Filling in the blanks in the p53 protein structure. p921 8 Nov 1996. Genes, gap junctions and disease at cell biology meeting. p2008 20 Dec 1996. Homing in on a prostate cancer gene. p1301 22 Nov 1996. Linker histones, DNA's protein custodians, gain new respect. p503 25 Oct 1996. Tracing backbone evolution through a tunicate's lost tail. p1082 15 Nov 1996. Will a twist of viral fate lead to a new cancer treatment? p42 18 Oct 1996.
- Pennycook, S. J. See Nellist, P. D.
- Perelson, Alan S. See Haase, Ashley T.
- Pérez-Estaún, A. See Berzin, R. See also Carbonell, R.
- Perkins, S. See Schuler, G. D.
- Perros, Manoussos and Steitz, Thomas A.: DNA looping and Lac repressor-CAP interaction (technical comment). p1929 13 Dec 1996.
- Persinger, Jim. See Pruss, Dmitry.
- Pestre, Dominique: review of National Military Establishments and the Advancement of Science and Technology, edited by Paul Forman and José M. Sánchez-Ron. p1476 29 Nov 1996.
- Peter, Thomas and Murphy Daniel M.: Airborne particle analysis (letter). p1996 20 Dec 1996.
- Peters, Jan-Michael. See King, Randall W.
- _____; King, Randall W.; Höög, Christer; Kirschner, Marc W.: Identification of BIME as a subunit of the anaphase-promoting complex. p1199 15 Nov 1996.
- Petersen, Arne: Research, education, and America's future (editorial). p159 11 Oct 1996.
- Peterson, Per A. See Garcia, K. Christopher.
- Petre, R. See Lisse, C. M.
- Petri, Susanne. See Lesch, Klaus-Peter.
- Pfeifer, Alexander; Ászódi, Attila; Seidler, Ursula; Ruth, Peter; Hofmann, Franz; Fässler, Reinhard: Intestinal secretory defects and dwarfism in mice lacking cGMP-dependent protein kinase II. p2082 20 Dec 1996.
- Phillips, Gerd P. See Denissenko, Mikhail F.
- Philippson, P. See Goffeau, A.
- Phillips, C. See Schuler, G. D.
- Phillips, Fred M. See Benson, Larry V.
- _____; Zreda, Marek G.; Benson, Larry V.; Plummer, Mitchell A.; Elmore, David; Sharma, Pankaj: Chronology for fluctuations in late Pleistocene Sierra Nevada glaciers and lakes. p749 1 Nov 1996.
- Phillips, J. L. See Zook, H. A.
- Pho, Lana T. See Polymeropoulos, Michael H.
- Picaut, J.; Ioualalen, M.; Menkes, C.; Delcroix, T.; McPhaden, M. J.: Mechanism of the zonal displacements of the Pacific warm pool: implications for ENSO. p1486 29 Nov 1996.
- Piercy, M. See Schuler, G. D.
- Pilcher, C. B. See Belton, M. J. S.
- Pilgrim, David. See Ren, Peifeng.
- Pizzi, Marina. See Grilli, Mariagrazia.
- Plummer, Mitchell A. See Phillips, Fred M.
- Podolske, J. R. See Boering, K. A.
- Podolsky, Daniel K. See Mashimo, Hiroshi.
- Poker, David B. See Cooper, Reid R.
- Pokrovsky, Vladimir. See Allakhverdov, Andrey.
- Polanskey, C. See Grün, E. See also Kivelson, M. G.
- Poli, Valeria. See Cressman, Drew E.
- Polymeropoulos, M. H. See Schuler, G. D.
- _____; Higgins, Joseph J.; Golbe, Lawrence I.; Johnson, William G.; Ide, Susan E.; Di Iorio, Giuseppe; Sanges, Giuseppe; Stenroos, Edward S.; Pho, Lana T.; Schaffer, Alejandro A.; Lazzarini, Alice M.; Nussbaum, Robert L.; Duvoisin, Roger C.: Mapping of a gene for Parkinson's disease to chromosome 4q21-q23. p1197 15 Nov 1996.
- Pompeiano, Maria. See Cirilli, Chiara.
- Porter, Jeffery A.; Young, Keith E.; Beachy, Philip A.: Cholesterol modification of hedgehog signaling proteins in animal development. p255 11 Oct 1996.
- Possnett, Göran. See Björck, Svante.
- Pradervand, Claude. See Šrajer, Větka.
- Preker, Pascal J. See Jenny, Andreas.
- Prell, Warren L. See Clemens, Steven C.
- Presti, David E. See Barrie, John M.
- Preuss, Daphne. See Wilhelmi, Laura K.
- Price, Peter J.: Tritium production (letter). p483 25 Oct 1996.
- Pritchard, Jonathan K. and Feldman, Marcus W.: Genetic data and the African origin of humans (technical comment). p1548 29 Nov 1996.
- Prusiner, Stanley B. See Telling, Glenn C.
- Pruss, Dmitry. See Bartholomew, Blaine; Persinger, Jim; Hayes, Jeffrey; Arents, Gina; Moudrianakis, Evangelos N.; Wolffe, Alan P.: An asymmetric model for the nucleosome: a binding site for linker histones inside the DNA gyres. p614 25 Oct 1996.
- Puglisi, Joseph D. See Fourmy, Dominique.
- Pullum, Geoffrey K.: The "Greenberg hypothesis" (letter). p1447 29 Nov 1996.
- Pye, J. P. See Lisse, C. M.
- Quackenbush, J. See Schuler, G. D.
- Rabin, I. See König, L.
- Raetz, Christian R. H. See Onishi, H. Russell.
- Raff, Martin: Neural development: mysterious no more? (editorial). p1063 15 Nov 1996.
- Rafferty, John B. See Baldock, Clair.
- _____; Sedelnikova, Svetlana E.; Hargreaves, David; Artymiuik, Peter J.; Baker, Patrick J.; Sharples, Gary J.; Mahdi, Akeel A.; Lloyd, Robert G.; Rice, David W.: Crystal structure of DNA recombination protein RuVA and a model for its binding to the Holliday junction. p415 18 Oct 1996.
- Raine, Cedric S. See Genain, Claude P.
- Ramanathan, V. See Kley, D.
- Rampino, Michael R.: Late Permian extinctions (technical comment). p1551 29 Nov 1996.
- Ranby, S. See Schuler, G. D.
- Random Samples: Ancient Egyptians in Canaan. p349 18 Oct 1996. Athenian plague probe. p1307 22 Nov 1996. Australians seek to stem fossil thefts. p725 1 Nov 1996. Bad karma for gamma seekers. p1471 29 Nov 1996. Baltimore has his say. p925 8 Nov 1996. Biotech biggies band for protein hunt. p39 4 Oct 1996. Bird smuggler sentenced. p1617 6 Dec 1996. Chemical linked to hypertension in blacks. p725 1 Nov 1996. Connecticut's ancient crocodilian creature. p1309 22 Nov 1996. Coral disease hot spots in Florida Keys. p2017 20 Dec 1996. Cybersocieties: a new tool for science. p727 1 Nov 1996. Deashbestoration. p1845 13 Dec 1996. DNA dumping. p185 11 Oct 1996. Downer for electric cars. p183 11 Oct 1996. Einstein's epistles. p1617 6 Dec 1996. Endangered species list updated. p183 11 Oct 1996. Euro-techies. p2017 20 Dec 1996. Faculty ambivalence on affirmative action. p1843 13 Dec 1996. Federal wedge of U.S. R&D pie shrinks. p1471 29 Nov 1996. Few founding Finns. p507 25 Oct 1996. Fight colds with sociability. p1473 29 Nov 1996. Firming up a Hubble constant. p925 8 Nov 1996. Flagging malaria research. p185 11 Oct 1996. Foreign research aid pays off in U.S. Ag. p41 4 Oct 1996. Four more years for Osipov. p923 8 Nov 1996. France's museum war resolved. p507 25 Oct 1996. A gene that controls herpes. p185 11 Oct 1996. Genetic engineering lab to open in Padua. p2017 20 Dec 1996. Good news for beer drinkers. p1309 22 Nov 1996. Green thumbs for ear's hair cells. p39 4 Oct 1996. Icelandic waterworks. p1085 15 Nov 1996. IQ researcher suspended for views on pedophilia. p1307 22 Nov 1996. Jurassic squid. p1473 29 Nov 1996. Lasker awards. p39 4 Oct 1996. Locus for Parkinson's. p1085 15 Nov 1996. Milking bunnies. p1617 6 Dec 1996. Mining for meteorites. p1307 22 Nov 1996. More support for black hole-quasar link. p1843 13 Dec 1996. "Mutant" chimp gets gene check. p727 1 Nov 1996. Naples science city. p277 1 Nov 1996. NASA's fling with anti-gravity. p183 11 Oct 1996. New life for Pyrenees observatory. p1471 29 Nov 1996. NSF creates lapperson award. p1845 13 Dec 1996. Oceanographers make their own hot springs. p349 18 Oct 1996. On post modern critiques of science. p183 11 Oct 1996. Papryrus for the 21st century. p2017 20 Dec 1996. Pass the bouquet. p923 8 Nov 1996. PETA invades NASA. p1085 15 Nov 1996. Playing hardball at USC. p1471 29 Nov 1996. Prize for Gaia's father. p349 18 Oct 1996. Purple business. p1843 13 Dec 1996. Rescuing estuaries. p41 4 Oct 1996. Rubber glove self-sufficiency. p925 8 Nov 1996. Rumblings over "giscardoscope". p1307 22 Nov 1996. Salt mine safe for hot waste. p725 1 Nov 1996. Scourge of Africa. p923 8 Nov 1996. Slow gene linked to breast cancer. p1309 22 Nov 1996. Taxpaying over the PC. p41 4 Oct 1996. Telemedicine: not yet of age. p507 25 Oct 1996. Time for a war on STDs. p1473 29 Nov 1996. To be or knot to be. p725 1 Nov 1996. Twitting science. p349 18 Oct 1996. U.K. genetics group established. p1845 13 Dec 1996. Undersized protein, oversized heart. p1845 13 Dec 1996. Underwater treasures in Alexandria. p1085 15 Nov 1996. What makes cellulose. p925 8 Nov 1996.
- Rao, S. Chenchal. See Sheth, Bhavin R.
- Rapp, Peter R. See Gallagher, Michela.
- Rasio, Frederic A. and Ford, Eric B.: Dynamical instabilities and the formation of extrasolar planetary systems. p954 8 Nov 1996.
- Rasmussen, Tine Lander. See Björck, Svante.
- Rassoulazadegan, Minoo. See Julia, Valérie.
- Rathjen, John P. See Scofield, Steven R.
- Ratschbacher, Lothar. See Makovsky, Yizhaq.
- Raymond, S. See Fafard, S.
- Recht, Michael I. See Fourmy, Dominique.
- Reese, Chris. See Kind, Rainer.
- Reif, T. See Schuler, G. D.
- Reitman, Marc. See Taylor, Simeon I.
- Ren, Peifeng; Lim, Chang-Su; Johnsen, Robert; Albert, Patrice S.; Pilgrim, David; Riddle, Donald L.: Control of *C. elegans* larval development by neuronal expression of a TGF-β homolog. p1389 22 Nov 1996.
- Ren, Ruihao. See Holmes, Todd C.
- Ren, Zhong. See Šrajer, Větka.
- Rengarajan, Jayathi. See Hodge, Martin R.
- Renne, Paul R.: U.S.-Chinese collaborations (letter). p1821 13 Dec 1996.
- Rep, Martijn; Maarten van Dijk, Jan; Suda, Kitaru; Schatz, Gottfried; Grivell, Leslie A.; Suzuki, Carolyn K.: Promotion of mitochondrial membrane complex assembly by a proteolytically inactive yeast Lon. p103 4 Oct 1996.
- Reyburn, Hugh T. See Mandelboim, Ofer. See also Pazmany, Laszlo.
- Rice, David W. See Baldock, Clair. See also Rafferty, John B.
- Rice, K. See Schuler, G. D.
- Ricketts, M. J. See Lisse, C. M.
- Riddle, Donald L. See Ren, Peifeng.
- Riemann, R. See Grün, E.
- Rimoldi, D. See Hahne, M.
- Rinfret, Alfine; Lamarre, Louis; Jolicoeur, Paul: HIV-1 in oropharyngeal lymphoid tissues (letter). p1067 15 Nov 1996.
- Rink, W. J. See Swisher, C. C., III.
- Rio, Marie-Christine. See Lefebvre, Olivier.
- Riopelle, Richard J. See Van der Zee, Catharina E. E. M.
- Risch, Neil. See Tishkoff, Sarah A.
- _____; Kidd, Kenneth K.; Tishkoff, Sarah A.: Genetic data and the African origin of humans (technical comment). p1548 29 Nov 1996.
- Rivera, Maria. See Lake, James A.
- Roberts, Ian J. H. See Connolly, John B.
- Roberts, Paul H. See Glatzmaier, Gary A.
- Roberts, Stephen P. See Harrison, Jon F.
- Robertson, Channing. See Maruyama, Takayuki.
- Robertson, Hugh D.: How did replicating and coding RNAs first get together? (perspective). p66 4 Oct 1996.
- Robinson, M. See Nozette, S.
- Roche, A. P. Out, damned CLIP! out, I say! (perspective). p526 25 Oct 1996.
- Rodman, Peter. See Hrdy, Sarah Blaffer.
- Rodriguez-Tomé, P. See Schuler, G. D.
- Roederer, J. G. See Williams, D. J.
- Roelof, E. C. See Williams, D. J.
- Rogers, Paul G.: New politics in science (editorial). p1445 29 Nov 1996.
- Roizen, Ron: Women alcoholics at Bellevue, 1918–1919 (letter). p1450 29 Nov 1996.
- Romanek, Christopher S. See Gibson, Everett K., Jr. See also McKay, David S.
- Romanowicz, Barbara; Li, Xiang-Dong; Durek, Joseph: Anisotropy in the inner core: could it be due to low-order convection? p963 8 Nov 1996.
- Romero, P. See Hahne, M.
- Roosevelt, Anna C.: Paleoindians in the Brazilian Amazon (letter). p1823 13 Dec 1996.
- Roos-Serote, M. See Carlson, R.
- Rosenbaum, T. F. See Husmann, A.
- Rosenberg, Daniel P. See Genain, Claude P.
- Rosenberg, Jay R. See Moore, George P.
- Rosette, Caridad and Karin, Michael: Ultraviolet light and osmotic stress: activation of the JNK cascade through multiple growth factor and cytokine receptors. p1194 15 Nov 1996.
- Ross, A. See Brown, L. D. See also Nelson, K. D.
- Ross, Gregory M. See Van der Zee, Catharina E. E. M.
- Roush, Wade (news): Animal-free experiments. p169 11 Oct 1996. A census in which all Americans count. p713 1 Nov 1996. Fly gene discovery gets a root of branching structures. p2011 20 Dec 1996. Gene for sexual behavior identified. p1836 13 Dec 1996. Going Dutch: mainstreaming alternatives. p170 11 Oct 1996. Hedgehog's patterning call is patched through, smoothly. p1304 22 Nov 1996. Hunting for animal alternatives. p168 11 Oct 1996. A new embryo zoo. p1608 6 Dec 1996. (special report): The supple synapse: an affair that remembers. p1102 15 Nov 1996.
- Rout, Michael P. See Aitchison, John D.
- Roux, A. See Gurnett, D. A.
- Rozén, S. See Schuler, G. D.
- Rozell, J. David. See Benner, Steven A.
- Rubie, David C. See Kerschhofer, Ljuba.
- Rubinstein, Menachem. See Cohen, Barry.
- Ruediger, Nicole: Science's next wave forum asks: M.S. or Ph.D.? (next wave). p1021 8 Nov 1996.
- Russell, C. T. See Kivelson, M. G.
- Ruth, Peter. See Pfeifer, Alexander.
- Rybalka, A. V. See Knapp, J. H.
- Rye, Robert O. See Benson, Larry V.
- Rzagalinski, Beverly A. See Zhang, Lei.

S

- Sabol, Sue Z. See Lesch, Klaus-Peter.
- Saffian, Bernd. See Norton, David P.
- Saffran, Jenny R.; Aslin, Richard N.; Newport, Elissa L.: Statistical learning by 8-month-old infants. p1926 13 Dec 1996.
- Safrit, Jeffrey T. See Wolinsky, Steven M.
- Sagar, Ambuj. See de Sa, Paul.
- Saha, Deba P.: Arsenic poisoning in West Bengal (letter). p1287 22 Nov 1996.
- Sahai, Raghvendra. See Ballester, Gilda E.

- Sakae, Hiroshi. See Ireton, Keith.
- Sales, Brian C. See Norton, David P.
- Salmon, E. D. See Chen, Rey-Huei.
- Sampson-Johannes, Adam. See Bischoff, James R.
- Samulski, E. T. See McClain, J. B.
- Sanders, C. See Schuler, G. D.
- Sandoval, Gisela M. See Kantor, David B.
- Sandusky, M. See Schuler, G. D.
- Sandvol, E. See Nelson, K. D.
- Sandvol, Eric. See Kind, Rainier.
- Sanges, Giuseppe. See Polymeropoulos, Michael H.
- SanMiguel, Phillip; Tikhonov, Alexander; Jin, Young-Kwan; Motchoulskaia, Natasha; Zakharov, Dmitrii; Melake-Berhan, Admasu; Springer, Patricia S.; Edwards, Keith J.; Lee, Michael; Avramova, Zoya; Bennetzen, Jeffrey L.: Nested retro-transposons in the intergenic regions of the maize genome. p765 1 Nov 1996.
- Sapolsky, Robert. See Gallagher, Michela.
- Sarewitz, Daniel: review of *Betrayal of Science and Reason*, by Paul R. Ehrlich and Anne H. Ehrlich. p198 11 Oct 1996.
- Sarmiento, Jorge L. and Le Quére, Corinne: Oceanic carbon dioxide uptake in a model of century-scale global warming. p1346 22 Nov 1996.
- Sarraf, Pasha. See Hu, Erding.
- Sasaki, Masayuki. See Adamson, D. Cory.
- Satin, Leslie S. See Zhang, Lei.
- Sato, Harumasa. See Noam, Eli M.
- Saxena, Surendra K.; Dubrovinsky, Leonid S.; Lazor, Peter; Cerenius, Yngve; Häggkvist, Patrik; Hanfland, Michael; Hu, Jingzhu: Stability of perovskite ($MgSiO_3$) in the Earth's mantle. p1357 22 Nov 1996.
- Saykally, Richard James. See Heath, James Richard.
- Sayre, Lawrence M.: Alzheimer's precursor protein and the use of bathocuproine for determining reduction of copper(II) (technical comment). p1933 13 Dec 1996.
- Schaffer, Alejandro A. See Polymeropoulos, Michael H.
- Schaft, Niels. See Woltmers, Katja C.
- Schall, Jeffrey D. See Hanes, Doug P.
- Schatz, David G. See Han, Shuhua.
- Schatz, Gottfried. See Rep, Martijn.
- Schechter, Bruce (news): How the brain gets rhythm. p339 18 Oct 1996. Stars are seen through a cloud, darkly, says new theory. p722 1 Nov 1996.
- Schiener, B.; Böhmer, R.; Loidl, A.; Chamberlin, R. V.: Non-resonant spectral hole burning in the slow dielectric response of supercooled liquids. p752 1 Nov 1996.
- Schildkamp, Wilfried. See Srájer, Vukica.
- Schilling, Govert (news): Planets galore, but no place like home. p495 25 Oct 1996. Quasar pairs: a redshift puzzle? p1305 22 Nov 1996. Search narrows for gamma-ray bursts. p384 4 Oct 1996.
- Schmid, Sandra L. See Vieira, Amandio V.
- Schmidt, Karen (news): Rare habitats vie for protection. p916 8 Nov 1996. Some biologists see holes in gap analysis. p917 8 Nov 1996. Green education under fire. p1828 13 Dec 1996.
- Schmidt, Robert J. See Menéa, Montaña.
- Schmitt, J. See Lisse, C. M.
- Schmitt, K. See Schuler, G. D.
- Schneider, Christine and Hartl, F. Ulrich: Hats off to the tricorn protease (perspective). p1323 22 Nov 1996.
- Schneider, H. R. See Boering, K. A.
- Schneider, P. See Hahne, M.
- Schnitzer, Jan E.; Oh, Phil; McIntosh, Deirdre P.: Role of GTP hydrolysis in fission of caveolae directly from plasma membranes. p239 11 Oct 1996.
- Schoenlein, R. W.; Leemans, W. P.; Chin, A. H.; Volfsbeyn, P.; Glover, T. E.; Balling, P.; Zolotorev, M.; Kim, K.-J.; Chatto-padhyay, S.; Shank, C. V.: Femtosecond x-ray pulses at 0.4 Å generated by 90° Thomson scattering: a tool for probing the structural dynamics of materials. p236 11 Oct 1996.
- Schreier, M. See Hahne, M. See also Hahne, M.
- Schuler, G. D.; Boguski, M. S.; Stewart, E. A.; Stein, L. D.; Gyapay, G.; Rice, K.; White, R. E.; Rodriguez-Tomé, P.; Aggarwal, A.; Bajorek, E.; Bentolila, S.; Birren, B.; Butler, A.; Castle, A. B.; Chianuikulchai, N.; Chu, A.; Cleo, C.; Cowles, S.; Day, P. J. R.; Dibling, T.; Drouot, N.; Dunham, I.; Duprat, S.; East, C.; Edwards, C.; Fan, J.-B.; Fang, N.; Fizames, C.; Garrett, C.; Green, L.; Hadley, D.; Harris, M.; Harrison, P.; Brady, S.; Hicks, A.; Holloway, E.; Hui, L.; Hussain, S.; Louis-Dit-Sully, C.; Ma, J.; MacGilvary, A.; Mader, C.; Maratukulam, A.; Matise, T. C.; McKusick, K. B.; Morissette, J.; Mungall, A.; Muselet, D.; Nusbaum, H. C.; Page, D. C.; Peck, A.; Perkins, S.; Piercy, M.; Qin, F.; Quackenbush, J.; Ranby, S.; Reif, T.; Rozen, S.; Sanders, C.; She, X.; Silva, J.; Slonim, D. K.; Soderlund, C.; Sun, W.-L.; Tabar, P.; Thangarajah, T.; Vega-Czarny, N.; Vollrath, D.; Voyticky, S.; Wilmer, T.; Wu, X.; Adams, M. D.; Auffray, C.; Walter, N. A. R.; Brandon, R.; Dehejia, A.; Goodfellow, P. N.; Houlgate, R.; Hudson, J. R.; Ide, S. E.; Iorio, K. R.; Lee, W. Y.; Seki, N.; Nagase, T.; Ishikawa, K.; Nomura, N.; Phillips, C.; Polymeropoulos, M. H.; Sandusky, M.; Schmitt, K.; Berry, R.; Swanson, K.; Torres, R.; Venter, J. C.; Sikela, J. M.; Beckmann, J. S.; Weissbach, J.; Myers, R. M.; Cox, D. R.; James, M. R.; Bentley, D.; Deloukas, P.; Lander, E. S.; Hudson, T. J.: A gene map of the human genome. p540 25 Oct 1996.
- Schulthess, Therese. See Malashkevich, Vladimir N.
- Schulze, A. See Carbonell, R.
- Schulze, W. See König, L.
- Schuman, Erin M. See Kantor, David B.
- Schuster, Peter. See Fagerström, Torbjörn.
- Schwarz, H. P. See Swisher, C. C., III.
- Schwarz, Klaus; Gauss, George H.; Ludwig, Leopold; Pannicke, Ulrich; Li, Zhong; Lindner, Doris; Friedrich, Wilhelm; Seger, Reinhard A.; Hansen-Hagge, Thomas E.; Desiderio, Stephen; Lieber, Michael R.; Bartram, Claus R.: RAG mutations in human B cell-negative SCID. p97 4 Oct 1996.
- Schwehm, G. See Grün, E.
- ScienceScope: Academy's radio underwriting: poor timing? p907 8 Nov 1996. Activists target breast cancer bureaucracy . . . p709 1 Nov 1996. Arctic radioactive dumps targeted for study. p23 4 Oct 1996. California affirmative action law halted. p1599 6 Dec 1996. Campaigns seek scientists' votes. p709 1 Nov 1996. Canada debates species protection act. p1827 13 Dec 1996. Cancer board leaders chosen. p1453 29 Nov 1996. Competition creates conflicts at NSF. p907 8 Nov 1996. Defense basic research dips. p167 11 Oct 1996. DOE serves up bioremediation funds. p1071 15 Nov 1996. Dustup over EPA's particulate standard. p709 1 Nov 1996. Fisher loses appeal in privacy suit. p1999 20 Dec 1996. Gulf's 'dead zone' worries agencies. p331 18 Oct 1996. Hopkins, NIH plan shared genotyping center. p331 18 Oct 1996. ICSU report launches reforms. p23 4 Oct 1996. Industry sees rise in R&D spending. p1291 22 Nov 1996. Launch hobbles astrophysics payloads. p907 8 Nov 1996. Launcher shortage delays Bion project. p487 25 Oct 1996. Lawmakers jostle for chairs. p1827 13 Dec 1996. Light in Saskatchewan: Canada plans a synchrotron. p1291 22 Nov 1996. Malaria genome project ready to roll. p1999 20 Dec 1996. Mars rock finding spurs competition. p1999 20 Dec 1996. Max Planck to shutter institutes? p487 25 Oct 1996. Minnesota regents soften tenure plan. p1291 22 Nov 1996. Moment of truth for x-ray telescope. p1453 29 Nov 1996. More ship time for research. p167 11 Oct 1996. NASA pledges to fix grant bottleneck. p1291 22 Nov 1996. NIF gets a lift. p167 11 Oct 1996. NIH's harvest of special projects. p167 11 Oct 1996. NSF drafters new guidelines for proposal reviews. p1453 29 Nov 1996. NTT labs to get new bosses. p1827 13 Dec 1996. Officials discount database fears. p1599 6 Dec 1996. Panel explores flat-budget Antarctic policy. p331 18 Oct 1996. Patent office puts a lid on gene claims. p487 25 Oct 1996. Protest over transplant rules prompts review. p1599 6 Dec 1996. RAC gets new lease. p1453 29 Nov 1996. Renewal for European space science. p1599 6 Dec 1996. Roche wins points in patent dispute. p1071 15 Nov 1996. Russian research on the ropes. p1827 13 Dec 1996. Russian space station troubles panic NASA. p907 8 Nov 1996. Science satellite fails. p1071 15 Nov 1996. Societies back Fisher. p331 18 Oct 1996. Space science in political limelight. p487 25 Oct 1996. A tale of two chairs. p23 4 Oct 1996. Tests of ancient man's DNA halted. p1071 15 Nov 1996. Treaty on database access stalled. p1999 20 Dec 1996. Tsukuba researchers to lose hardship pay. p23 4 Oct 1996. Universities chide NIH on emergency aid. p1071 15 Nov 1996. Ward Valley scientists threatened with suit. p1453 29 Nov 1996. Wulf warns engineers of 'slippery slope.' p167 11 Oct 1996. . . While research gets rose garden boost. p709 1 Nov 1996.
- Scofield, Steven R.; Tobias, Christian M.; Rathjen, John P.; Chang, Jeff H.; Lavelle, Daniel T.; Michelmore, Richard W.; Staskawicz, Brian J.: Molecular basis of gene-for-gene specificity in bacterial speck disease of tomato. p2063 20 Dec 1996.
- Scott, Eugenie C.: Debating creationists (letter). p1993 20 Dec 1996.
- Scott, William G.; Murray, James B.; Arnold, John R. P.; Stoddard, Barry L.; Klug, Aaron: Capturing the structure of a catalytic RNA intermediate: the hammerhead ribozyme. p2065 20 Dec 1996.
- Scowen, Paul A. See Ballester, Gilda E. See also Clarke, John T. Sedelnikova, Svetlana E. See Baldock, Clair. See also Rafferty, John B.
- Sedgewick, Gerald. See Haase, Ashley T.
- Segal, Sanford L.: German universities (letter). p905 8 Nov 1996.
- Seger, Jon: Exoskeletons out of the closet (perspective). p941 8 Nov 1996. See also Hdry, Sarah Blaffer.
- Seger, Reinhard A. See Schwarz, Klaus.
- Seghrouchni, Rachid. See Fytas, George.
- Segura, M. See Carlson, R.
- Seidler, Ursula. See Pfeifer, Alexander.
- Seife, Charles (news): Do comets get a nudge from the galaxy? p920 8 Nov 1996. First blush for integrated light emitter. p1465 29 Nov 1996. New attacks breach computer codes. p716 1 Nov 1996. On ice's surface, a dance of molecules. p2012 20 Dec 1996. (Nobel prizes): Winning incentives for truthtelling. p347 18 Oct 1996.
- Seiwert, Scott D.: RNA editing hints of a remarkable diversity in gene expression pathways (perspective). p1636 6 Dec 1996.
- Sejnowski, Terrence J. See Contreras, Diego.
- Sekanina, Klara. See Liang, Rui.
- Seki, N. See Schuler, G. D.
- Seligman, David B.: Science teaching: how to spend \$5 million (letter). p326 18 Oct 1996.
- Senesac, Larry R. See Chin, Gordon.
- Senske, D. See Belton, M. J. S.
- Service, Robert F. (news): Atomic landscapes beckon chip makers and chemists. p723 1 Nov 1996. Between the sheets: why do protein strands line up? p34 4 Oct 1996. Can chip devices keep shrinking? p1834 13 Dec 1996. Close-up of a killer. p176 11 Oct 1996. Rock chemistry traces ancient traders. p2012 20 Dec 1996. Tiny abacus points to new devices. p1079 15 Nov 1996. Tumor-killer mad; does it work? p2007 20 Dec 1996. (Nobel prizes): A captivating carbon form. p345 18 Oct 1996.
- Schachar, Idit and Flavell, Richard A.: Requirement for invariant chain in B cell maturation and function. p106 4 Oct 1996.
- Shahar, D.; Tsui, D. C.; Shayegan, M.; Shimshoni, E.; Sondhi, S. L.: Evidence for charge-flux duality near the quantum Hall liquid-to-insulator transition. p589 25 Oct 1996.
- Shank, C. V. See Schoenlein, R. W.
- Shapiro, Leo H. See Wray, Gregory A.
- Sharma, Jitendra. See Sheth, Bhavin R.
- Sharma, Pankaj. See Phillips, Fred M.
- Sharma, Surendra; Mehta, Shashi; Morgan, John; Maizel, Abby: Complementary DNA for 12-kilodalton B cell growth factor: misassigned (technical comment). p631 25 Oct 1996.
- Sharp, Phillip A. See Zhou, Qiang.
- Sharp, Thomas G. See Kerschhofer, Ljuba.
- Sharples, Gary J. See Rafferty, John B.
- Shatz, C. J. See Katz, L. C.
- Shayegan, M. See Shahar, D.
- She, X. See Schuler, G. D.
- Shearer, C. K. and Papike, J. J.: Evaluating the evidence of past life on Mars (technical comment). p2121 20 Dec 1996.
- Shearer, Gene M. and Clerici, Mario: Rethinking AIDS and cancer (letter). p163 11 Oct 1996.
- Sheen, Jan: Ca^{2+} -dependent protein kinases and stress signal transduction in plants. p1900 13 Dec 1996.
- Sherr, Charles J.: Cancer cell cycles. p1672 6 Dec 1996.
- Sheth, Bhavin R.; Sharma, Jitendra; Rao, S.; Chenchal; Sur, Mriganka: Orientation maps of subjective contours in visual cortex. p2110 20 Dec 1996.
- Shieu, Eric G. See Mandelboim, Ofer.
- Shiiro, Yuzuru. See Gallant, Peter.
- Shiman, Philip: review of *Transforming Computer Technology*, by Arthur Norberg and Judy E. O'Neill, and review of *Where Wizards Stay Up Late*, by Katie Hafner and Matthew Lyon. p1627 6 Dec 1996.
- Shimshoni, E. See Shahar, D.
- Shin, Tao Ho. See Zachariae, Wolfgang.
- Shinnick, Thomas See Jacobs, William.
- Shirley, J. See Carlson, R.
- Shoemaker, E. M. See Nozette, S.
- Shuker, Suzanne B.; Hajduk, Philip J.; Meadows, Robert P.; Fesik, Stephen W.: Discovering high-affinity ligands for proteins: SAR by NMR. p1531 29 Nov 1996.
- Shustak, Christopher. See Song, Langzhou.
- Sikela, J. M. See Schuler, G. D.
- Silva, J. See Schuler, G. D.
- Silver, Lynn L. See Onishi, H. Russell.
- Silverstein, Todd P.: Evolution teaching (letter). p904 8 Nov 1996.
- Simon, Chris. See Gogarten, J. Peter.
- Simonelli, D. See Belton, M. J. S.
- Sirocko, Frank: Past and present subtropical summer monsoons (perspective). p937 8 Nov 1996.
- Skaggs, William E. and McNaughton, Bruce L.: "Replay" of hippocampal "memories" (technical comment). p1216 15 Nov 1996.
- Slabas, Antoni R. See Baldock, Clair.
- Slonim, D. K. See Schuler, G. D.
- Smit, A. B. See Faiznilber, M.
- Smit, H. G. J. See Kley, D.
- Smith, Andri. See Liang, Rui.
- Smith, Hamilton. See Jacobs, William.
- Smith, Helene S. See Deng, Guoren.
- Smith, Jeffrey R.; Freije, Dih; Carpten, John D.; Grönberg, Henrik; Xu, Jianfeng; Isaacs, Sarah D.; Brownstein, Michael J.; Bova, G. Steven; Guo, Hong; Bujnovszky, Piroska; Nusskern, Deborah R.; Damber, Jan-Erik; Berg, Anders; Emanuelsson, Monika; Kallioniemi, Olli P.; Walker-Daniels, Jennifer; Bailey-Wilson, Joan E.; Beatty, Terri H.; Meyers, Deborah A.; Walsh, Patrick C.; Collins, Francis S.; Trent, Jeffrey M.; Isaacs, William B.: Major susceptibility locus for prostate cancer on chromosome 1 suggested by a genome-wide search. p1371 22 Nov 1996.

- Smith, Patrick E. See Chen, Yanshao.
- Smith, Paul D. See Emmert-Buck, Michael R.
- Smith, Philip M. See McGahey, Michael.
- Smith, Victoria; Chou, Karen N.; Lashkari, Deval; Botstein, David; Brown, Patrick O.: Functional analysis of the genes of yeast chromostome V by genetic footprinting. p2069 20 Dec 1996.
- Smith, W. Bryan. See Kantor, David B.
- Smuts, Barbara B. See Hrdy, Sarah Blaffer.
- Smythe, W. See Carlson, R.
- Snyder, Marvin: Psychobiology and biopsychology (letter). p326 18 Oct 1996.
- Snyder, Solomon H. See Jaffrey, Samie R.
- Soderblom, L. See Carlson, R.
- Soderlund, C. See Schuler, G. D.
- Somers, David E. See Hicks, Karen A.
- Sompolinsky, H. See van Vreeswijk, C.
- Sondhi, S. L. See Shahar, D.
- Sonett, C. P.; Zakharian, A.; Kvale, E. P.: Ancient tides and length of day: correction (letter). p1068 15 Nov 1996.
- Song, Langzhou; Hobaugh, Michael R.; Shustak, Christopher; Cheley, Stephen; Bayley, Hagan; Gouaux, J. Eric: Structure of staphylococcal α -hemolysin, a heptameric transmembrane pore. p1859 13 Dec 1996.
- Southwood, D. J. See Kivelson, M. G.
- Spano, PierFranco. See Grilli, Mariagrazia.
- Spanopoulou, Eugenia. See Han, Shuhua.
- Specht, Eliot D. See Norton, David P.
- Spencer, J. R. See Orton, G. S.
- Spengler, Bernhard; Hinze, Klaus-Peter; Kaufmann, Raimund: Airborne particle analysis (letter). p1996 20 Dec 1996.
- Spiegelman, Bruce M. See Hotamisligi, Gökhan S. See also Hu, Erding.
- Spiridonov, V. See Echtler, H. P.
- Springer, Patricia S. See SanMiguel, Phillip.
- Spudis, P. See Nozette, S.
- Spurk, Marco. See Björck, Svante.
- Šrájer, Vukica; Teng, Tsu-yi; Ursby, Thomas; Pradervand, Claude; Ren, Zhong; Adachi, Shin-ichi; Schildkamp, Wilfried; Bourgeois, Dominique; Wulff, Michael; Moffat, Keith: Photolysis of the carbon monoxide complex of myoglobin: nanosecond time-resolved crystallography. p1726 6 Dec 1996.
- Srama, R. See Grün, E.
- Stadtlander, R. See Carbonell, R.
- Stanfield, Robyn L. See Garcia, K. Christopher.
- Stapelfeldt, Karl R. See Ballester, Gilda E. See also Clarke, John T.
- Starý, S. Jennifer. See Kantor, David B.
- Staskawicz, Brian J. See Scofield, Steven R.
- Staskus, Katherine. See Haase, Ashley T.
- Steer, D. N. See Knapp, J. H.
- Stein, L. D. See Schuler, G. D.
- Steinhoff, F. See Echtler, H. P.
- Steitz, Thomas A. See Peros, Manoussos.
- Stelly, David M. See Calzada, Jean-Philippe Vieille.
- Stenroos, Edward S. See Polymeropoulos, Mihael H.
- Steria, Mircea. See Contreras, Diego.
- Stern, David. See Chee, Mark.
- Stern, Robert J. and Abdelsalam, Mohamed Gamal: The origin of the great bend of the Nile from SIR-C/X-SAR imagery. p1696 6 Dec 1996.
- Steup, Andreas: German universities (letter). p905 8 Nov 1996.
- Stevenson, A. See Carlson, R.
- Stewart, E. A. See Schuler, G. D.
- Still, W. Clark. See Liang, Rui.
- Stiller, M. See Echtler, H. P. See also Knapp, J. H.
- Stillman, Bruce: Cell cycle control of DNA replication. p1659 6 Dec 1996.
- Stock, Jeff: Signaling across membranes: a one and a two and a... (perspective). p370 18 Oct 1996.
- Stoddard, Barry L. See Scott, William G.
- Stöhrer, Gerhard: Low-level radiation (letter). p1450 29 Nov 1996.
- Stone, E. C. See Garrard, T. L.
- Stone, Richard (news): Estonian researchers lead the way in science reform. p29 4 Oct 1996. Kessler's legacy: unfinished reform. p1603 6 Dec 1996. Putting a human face on a new breed of robot. p182 11 Oct 1996. Travel grants to boost sagging labs. p2002 20 Dec 1996.
- Stoneking, Mark. See Erlich, Henry A.
- Stover, Ken. See Jacobs, William.
- Stranick, S. J. See Kamna, M. M.
- Straume, Martin. See Hicks, Karen A.
- Strominger, Jack L. See Mandelboim, Ofer. See also Pazmany, Laszlo.
- Stubbe, JoAnne: One of nature's macromolecular machines demystified (perspective). p1152 15 Nov 1996.
- Stuitje, Antoine R. See Baldock, Clair.
- Stumpf, Gabi and Domdey, Horst: Dependence of yeast pre-mRNA 3'-end processing on CFT1: a sequence homolog of the mammalian AAUAAA binding factor. p1517 29 Nov 1996.
- Su, Wei-jia; Dziewonski, Adam M.; Jeanloz, Raymond: Planet within a planet: rotation of the inner core of Earth. p1883 13 Dec 1996.
- Subramanian, Kunmath S.: Arsenic poisoning in West Bengal (letter). p1287 22 Nov 1996.
- Suckewer, S. See Eisenberger, P.
- Suda, Kitaru. See Rep, Martijn.
- Sugiyama, Fumihiro. See Takimoto, Eriko.
- Suits, A. G. See Kaiser, R. I.
- Suleimanov, A. See Echtler, H. P. See also Knapp, J. H.
- Sullivan, Brian M. See Kantor, David B.
- Sullivan, R. See Belton, M. J. S.
- Sun, W.-L. See Schuler, G. D.
- Sunderland, Trey. See Wolozin, Benjamin.
- Sundström, Liselotte; Chapuisat, Michel; Keller, Laurent: Conditional manipulation of sex ratios by ant workers: a test of kin selection theory. p993 8 Nov 1996.
- Sung, Nack-Chung and Chung, Yong Seung: S&T in South Korea (editorial). p1591 6 Dec 1996.
- Sunkara, Hari B. See Weissman, Jesse M.
- Suprijo, A. See Swisher, C. C., III.
- Sur, Mriganka. See Sheth, Bhavin R.
- Suzuki, Carolyn K. See Rep, Martijn.
- Svec, Walter A. See Debreczeny, Martin P.
- Svobodova, Milena. See Demant, Peter.
- Swalla, Billie J. and Jeffery, William R.: Requirement of the *Manx* gene for expression of chordate features in a tailless ascidian larva. p1205 15 Nov 1996.
- Swanson, K. See Schuler, G. D.
- Swisher, C. C., III; Rink, W. J.; Antón, S. C.; Schwarcz, H. P.; Curtis, G. H.; Suprijo, A.: Latest *Homo erectus* of Java: potential contemporaneity with *Homo sapiens* in Southeast Asia. p1870 13 Dec 1996.
- Syed, N. I. See Fainzilber, M.
- Szathmary, Eörs. See Fagerstrom, Torbjörn.
- ## T and U
- Tabar, P. See Schuler, G. D.
- Takagaki, Yoshio. See Manley, James L.
- Takahashi, Hideo: Red alga terminology (letter). p1067 15 Nov 1996.
- Takahashi, Tomoyuki; Forsythe, Ian D.; Tsujimoto, Tetsuhiro; Barnes-Davies, Margaret; Onodera, Kayoko: Presynaptic calcium current modulation by a metabotropic glutamate receptor. p594 25 Oct 1996.
- Takai, Toshiyuki. See Hikida, Masaki.
- Takimoto, Eriko; Ishida, Junji; Sugiyama, Fumihiro; Horiguchi, Hisashi; Murakami, Kazuo; Fukamizu, Akiyoshi: Hypertension induced in pregnant mice by placental renin and maternal angiotensinogen. p995 8 Nov 1996.
- Tamppari, L. K. See Orton, G. S.
- Tamura, M. See Kimura, T.
- Tamura, Noriko. See Tamura, Tomohiro.
- Tamura, Tomohiro; Tamura, Noriko; Cejka, Zdenka; Hegerl, Reiner; Lottepeich, Friedrich; Baumeister, Wolfgang: Tricorn protease—the core of a modular proteolytic system. p1385 22 Nov 1996.
- Tan, Handong. See Chen, Leshou. See also Nelson, K. D.
- Tanabe, Yasuto and Jessell, Thomas M.: Diversity and pattern in the developing spinal cord. p1115 15 Nov 1996.
- Tang, Moon-shong. See Denissenko, Mikhail F.
- Tang, Xiaoyan; Frederick, Reid D.; Zhou, Jianmin; Halterman, Dennis A.; Jia, Yulin; Martin, Gregory B.: Initiation of plant disease resistance by physical interaction of AvrPto and Pto kinase. p2060 20 Dec 1996.
- Tangley, Laura (news): A brewing controversy over bird-friendly coffee. p1300 22 Nov 1996. The case of the missing migrants. p1299 22 Nov 1996.
- Tarakhovsky, Alexander. See Bikah, Gabriel.
- Tatsuno, Ichiro; Homma, Michio; Oosawa, Kenji; Kawagishi, Ikuro: Signaling by the *Escherichia coli* aspartate chemoreceptor Tar with a single cytoplasmic domain per dimer. p423 18 Oct 1996.
- Taub, Rebecca. See Cressman, Drew E.
- Taubes, Gary (news): Atomic mouse probes the lifetime of a quantum cat. p1615 6 Dec 1996. Do-it-yourself supercomputers debut. p1840 13 Dec 1996. To send data, physicists resort to quantum voodoo. p504 25 Oct 1996.
- Taylor, F. See Carlson, R.
- Taylor, Simeon I.; Barr, Valarie; Reitman, Marc: Does leptin contribute to diabetes caused by obesity? (perspective). p1151 15 Nov 1996.
- Telling, Glenn C.; Parchi, Piero; DeArmond, Stephen J.; Corbelli, Pietro; Montagna, Pasquale; Gabizon, Ruth; Mastrianni, James; Lugaresi, Elio; Gambetti, Pierluigi; Prusiner, Stanley B.: Evidence for the conformation of the pathologic isoform of the prion protein enciphering and propagating prion diversity. p2079 20 Dec 1996.
- Teng, Tsu-yi. See Šrájer, Vukica.
- Tessier-Lavigne, Marc and Goodman, Corey S.: The molecular biology of axon guidance. p1123 15 Nov 1996.
- Tett, Simon F. B.; Mitchell, John F. B.; Parker, David E.; Allen, Myles R.: Human influence on the atmospheric vertical temperature structure: detection and observations. p1170 15 Nov 1996.
- Tettelin, H. See Goffeau, A.
- Teyton, Luc. See Garcia, K. Christopher.
- Thangarajah, T. See Schuler, G. D.
- Thoebold, Wolfgang. See Fytas, George.
- Thomas, P. See Belton, M. J. S.
- Thomas-Kerpt, Kathie L. See Gibson, Everett K., Jr. See also McKay, David S.
- Thompson, Chris. See Liang, Rui.
- Thompson, Craig B. See Boise, Lawrence H.
- Thomson, Kendall T.; Wentzcovitch, Renata M.; Bukowski, Mark S.: Polymorphs of alumina predicted by first principles: putting pressure on the ruby pressure scale. p1880 13 Dec 1996.
- Thore Ann D. See Deng, Guoren.
- Thulborn, Keith R. See Just, Marcel Adam.
- Tikhonov, Alexander. See SanMiguel, Phillip.
- Tilman, David. See Cohen, Joel E. See also Wedin, David A.
- Timonen, Tuomo. See Kovánen, Panu E.
- Tishkoff, Sarah A. See Risch, Neil.
- ; Kidd, Kenneth K.; Risch, Neil: Interpretations of multiregional evolution (letter). p706 1 Nov 1996.
- Tobach, Ethel: Sex and gender (letter). p1595 6 Dec 1996.
- Tobias, Christian M. See Scofield, Steven R.
- Toft, David O. See Freeman, Brian C.
- Tokura, Y. See Kimura, T.
- Tomasetto, Catherine. See Lefebvre, Olivier.
- Tomioika, Y. See Kimura, T.
- Tomochika, Ken-ichi. See Hikida, Masaki.
- Tonomura, A. See Harada, K.
- Tononi, Giulio. See Cirigli, Chiara.
- Toprakcioglu, Chris. See Fytas, George.
- Toriumi, Mitsuhiro. See Yamazaki, Daisuke.
- Torres, R. See Schuler, G. D.
- Torson, J. See Carlson, R.
- Trauger, John T. See Ballester, Gilda E. See also Clarke, John T.
- Travis, L. D. See Orton, G. S.
- Trench, Robert K. See Goreau, Thomas J.
- Trent, Jeffrey M. See Smith, Jeffrey R.
- Triolo, R. See McClain, J. B.
- Trow, Martin: California civil rights initiative (letter). p327 18 Oct 1996.
- Trümper, J. See Lisse, C. M.
- Tsang, Simon. See Doolittle, Russell F.
- Tschopp, J. See Hahne, M.
- Tse, Albert S. See Weissman, Jesse M.
- Tsu, D. C. See Shahar, D.
- Tsujimoto, Tetsuhiro. See Takahashi, Tomoyuki.
- Tsukazaki, Masao. See Marko, István E.
- Tulaczky, Slawek. See Joughin, Ian.
- Tully, Tim. See Connolly, John B.
- Turner, Michael S. See Dodelson, Scott.
- Twieg, R. J. See Lundquist, P. M.
- Twisschet, Richard J. See Wignall, Paul B.
- Tzeng, Yih-Ling. See Dickson, Robert M.
- Uchida, Tetsuo. See Mitsuuchi, Takehiro.
- Ugarte, D.; Châtelain, A.; de Heer, W. A.: Nanocapillarity and chemistry in carbon nanotubes. p1897 13 Dec 1996.
- Unsworth, Martyn J. See Chen, Leshou. See also Nelson, K. D. Ouzumi, Yasuhiro. See Liang, Rui.
- Urch, Christopher J. See Marko, István E.
- Ursby, Thomas. See Šrájer, Vukica.
- ## V and W
- Vaara, Martti: Lipid A: target for antibacterial drugs (perspective). p939 8 Nov 1996.
- Valés-Gómez, Mar. See Mandelboim, Ofer. See also Pazmany, Laszlo.
- Vali, Hjhajollah. See McKay, David S.
- Van Aelst, Linda. See Joneson, Tom.
- Van Alstyne, Marshall and Brynjolfsson, Erik: Could the Internet balkanize science? (perspective). p1479 29 Nov 1996.
- Van Antwerp, Daniel J.; Martin, Seanus J.; Kafri, Tal; Green, Douglas R.; Verma, Inder M.: Suppression of TNF- α -induced apoptosis by NF- κ B. p787 1 Nov 1996.
- van der Schors, R. C. See Fainzilber, M.
- van der Zee, Ate G. J. See Wolthers, Katja C.
- Van der Zee, Catharina E. E. M.; Ross, Gregory M.; Riopelle, Richard J.; Hagg, Theo: Survival of cholinergic forebrain neurons in developing p75^{NGFR}-deficient mice. p1729 6 Dec 1996.
- van Minnen, J. See Fainzilber, M.
- van Nuland, Nico A. J. See Balbach, Jochen.
- van Vreeswijk, C. and Sompolinsky, H.: Chaos in neuronal networks with balanced excitatory and inhibitory activity. p1724 6 Dec 1996.
- Vasavada, A. R. See Belton, M. J. S.
- Vasiliunas, V. M. See Frank, L. A.
- Vega-Czarny, N. See Schuler, G. D.
- Venter, J. Craig. See Adams, Mark D. See also Jacobs, William.

- See also Olsen, Gary J. See also Schuler, G. D.
- Verma, Inder M. See Van Antwerp, Daniel J.
- Vermeij, Geerat J.: Animal origins (perspective). p525 25 Oct 1996.
- ____ and Dorritie, Daniel: Late Permian extinctions (technical comment). p1550 29 Nov 1996.
- Verosub, Kenneth L.: Liberal arts colleges and science education (letter). p1595 6 Dec 1996.
- Everka, J. See Belton, M. J. S.
- Vicario, David S. See Chew, Sek Jin.
- Vieira, Amandio V.; Lamaze, Christophe; Schmid, Sandra L.: Control of EGFR receptor signaling by clathrin-mediated endocytosis. p2086 20 Dec 1996.
- Vitardo, G. See Zollo, A.
- Villeneuve, Anne M. See Kuroda, Mitzi I.
- Villingier, François. See Genain, Claude P.
- Virieux, J. See Zollo, A.
- Vito, Pasquale. See Wolozin, Benjamin.
- Vlassopoulos, Dimitris. See Fytas, George.
- Vogel, Gretchen (news): Asia and Europe top in world, but reasons are hard to find. p1296 22 Nov 1996. Faculty protein linked to ALS. p1612 6 Dec 1996. Global review faults U.S. curricula. p335 18 Oct 1996. Goodness gracious, great walls afar. p343 18 Oct 1996. Hubble gives a quasar house tour. p1468 29 Nov 1996. Hubub at a cartwheel's center. p1610 6 Dec 1996. Illusion reveals pain locus in brain. p1301 22 Nov 1996. Leptin: a trigger for puberty? p1466 29 Nov 1996. Mining the deep field. p2006 20 Dec 1996.
- Volbrey, P. See Schoenlein, R. W.
- Vollrath, D. See Schuler, G. D.
- Vömel, H. See Kley, D.
- Voss, David (perspectives): One plus one is not two. p527 25 Oct 1996. The 110% solution. p1325 22 Nov 1996.
- Voytas, Daniel F.: Retroelements in genome organization (perspective). p737 1 Nov 1996.
- Voyticky, S. See Schuler, G. D.
- Waggoner, Paul E.: Earth's carrying capacity (letter). p485 25 Oct 1996.
- Walker, R. Dale and Howard, Matthew Owen: Mental health and disability (letter). p1593 6 Dec 1996.
- Walker, R. J. See Kivelson, M. G.
- Walker-Daniels, Jennifer. See Smith, Jeffrey R.
- Walsh, Christopher T. See Li, Yue-Ming.
- Walsh, Patrick C. See Smith, Jeffrey R.
- Waltar, Alan R. See Fisher, Darrell R.
- Walter, N. A. R. See Schuler, G. D.
- Wang, Cun-Yu; Mayo, Marty W.; Baldwin, Albert S., Jr.: TNF- α and cancer therapy-induced apoptosis: potentiation by inhibition of NF- κ B. p784 1 Nov 1996.
- Wang, G. See Li, W. Z.
- Wang, Lei. See Mayford, Mark.
- Ward, Peter D. See Marshall, Charles R.
- Warnecke, J. See Kivelson, M. G.
- Wasco, Wilma. See Wolozin, Benjamin.
- Wasielewski, Michael R. See Debreczeny, Martin P.
- Wasternack, C. See O'Donnell, P. J.
- Waters, Jennifer C. See Chen, Rey-Huei.
- Watson, Alan M. See Ballester, Gilda E. See also Clarke, John T.
- Watson, Andrew (news): Astronomers tame a workhorse laser. p1470 29 Nov 1996. Persistence pays off in defining history of diffusion. p919 8 Nov 1996. Repeat bursts puzzle astronomers. p2007 20 Dec 1996.
- Weber, Dominique A.; Evavold, Brian D.; Jensen, Peter E.: Enhanced dissociation of HLA-DR-bound peptides in the presence of HLA-DM. p618 25 Oct 1996.
- Weber, J. K. Richard. See Cooper, Reid R.
- Wedin, David A. and Tilman, David: Influence of nitrogen loading and species composition on the carbon balance of grasslands. p1720 6 Dec 1996.
- Wei, Wenbo. See Chen, Leshou. See also Nelson, K. D.
- Wei, Tina. See Bose, Suchira.
- Weir, A. See Carlson, R.
- Weiss, Joan O. See Lapham, E. Virginia.
- Weiss, P. S. See Kannan, M. M.
- Weiss, Peter (news): Weaponizers cultivate academics. p914 8 Nov 1996.
- Weiss, Rhonda A. See Emmert-Buck, Michael R.
- Weiss, Robin A. See Moore, Patrick S.
- Weissenbach, Jean: Landing on the genome (editorial). p479 25 Oct 1996. See also Schuler, G. D.
- Weissman, Jesse M.; Sunkara, Hari B.; Tse, Albert S.; Asher, Sanford A.: Thermally switchable periodicities and diffraction from mesoscopically ordered materials. p959 8 Nov 1996.
- Weissman, P. See Carlson, R.
- Wendling, Corinne. See Lefebvre, Olivier.
- Wentzovitch, Renata M. See Thomson, Kendall T.
- Wenzel, F. See Nelson, K. D.
- West, Mark J. See Gallagher, Michela.
- West, R. A. See Belton, M. J. S.
- West, R. G. See Lisse, C. M.
- Westervelt, R. M. See Livermore, C.
- Westphal, James A. See Ballester, Gilda E. See also Clarke, John T.
- White, Owen. See Olsen, Gary J.
- White, R. E. See Schuler, G. D.
- Widiasmoro. See Swisher, C. III
- Wiens, Douglas. See Zhao, Dapeng.
- Wignall, G. D. See McClain, J. B.
- Wignall, Paul B. and Twitechett, Richard J.: Late Permian extinctions (technical comment). p1552 29 Nov 1996.
- Wildemann, Brigitte. See Adamson, D. Cory.
- Wildering, W. C. See Fainzilber, M.
- Wilhelmi, Laura K. and Preuss, Daphne: Self-sterility in *Arabidopsis* due to defective pollen tube guidance. p1535 29 Nov 1996.
- Wilken, B. See Williams, D. J.
- Williams, Angelica. See Bischoff, James R.
- Williams, D. J.; Mauk, B. H.; McEntire, R. E.; Roelof, E. C.; Armstrong, T. P.; Wilken, B.; Roederer, J. G.; Krimigis, S. M.; Fritz, T. A.; Lanzerotti, L. J.: Electron beams and ion composition measured at Io and in its torus. p401 18 Oct 1996.
- Williams, Gareth T. See O'Keefe, Theresa L.
- Williams, Nigel (news): Collaboration across continents. p1833 13 Dec 1996. Funding inequality threatens novel neuroscience program. p1832 13 Dec 1996. Lab privatization program in tatters. p1831 13 Dec 1996. Long-awaited R&D plan short on action. p911 8 Nov 1996. Science stagnates in election budget. p1606 6 Dec 1996. Tobacco funding debate smolders. p28 4 Oct 1996. Tumor cells fight back to beat immune system. p1302 22 Nov 1996.
- Wilmer, T. See Schuler, G. D.
- Wilson, Ian A. See Garcia, K. Christopher.
- Wilson, Thomas P.: The image of sociobiology (letter). p703 1 Nov 1996.
- Wingrove, James A. and Gober, James W.: Identification of an asymmetrically localized sensor histidine kinase responsible for temporally and spatially regulated transcription. p597 25 Oct 1996.
- Winkler, Jay R. and Gray, Harry B.: Optical triggers of protein folding (technical comment). p629 25 Oct 1996.
- Winkler, Jim. See Chee, Mark.
- Wise, Phyllis M.; Krajnak, Kristine M.; Kashon, Michael L.: The advent of menopause (letter). p18 4 Oct 1996.
- Wisman, G. Bea A. See Wolthers, Katja C.
- Woese, Carl R. See Olsen, Gary J.
- Wofsy, S. C. See Boering, K. A.
- Wohlfarth, Barbara. See Björck, Svante.
- Wolfenstein, Lincoln: review of Stars as Laboratories for Fundamental Physics, by Georg G. Raffelt. p733 1 Nov 1996.
- Wolffe, Alan P. See Pruss, Dmitry.
- Wolinsky, Steven M.; Kunstman, Kevin J.; Safrit, Jeffrey T.; Koup, Richard A.; Neumann, Aviand U.; Korber, Bette T. M.: HIV-1 evolution and disease progression (technical comment). p1008 8 Nov 1996.
- Wolozin, Benjamin; Iwasaki, Katsunori; Vito, Pasquale; Genjei, J. Kelly; Lacana, Emanuela; Sunderland, Trey; Zhao, Boyu; Kusiak, John W.; Wasco, Wilma; D'Adamo, Luciano: Participation of Presenilin 2 in apoptosis: enhanced basal activity conferred by an Alzheimer mutation. p1710 6 Dec 1996.
- Wolpoff, Milford H.: Interpretations of multiregional evolution (letter). p704 1 Nov 1996.
- Wolthers, Katja C.; Wisman, G. Bea A.; Otto, Sigrid A.; de Roda Husman, Ana-Maria; Schafft, Niels; de Wolf, Frank; Goudsmit, Jaap; Coutinho, Roel A.; van der Zee, Ate G. J.; Meygaard, Linde; Miedema, Frank: T cell telomere length in HIV-1 infection: no evidence for increased CD4⁺ T cell turnover. p1543 29 Nov 1996.
- Wooley, Charles F.: "Struck" by fraud? (letter). p1593 6 Dec 1996.
- Wortmann, R. See Lundquist, P. M.
- Wray, Gregory A.; Levinton, Jeffrey S.; Shapiro, Leo H.: Molecular evidence for deep Precambrian divergences among metazoan phyla. p568 25 Oct 1996.
- Wu, Changde. See Nelson, K. D.
- Wu, Deng-Chyang. See Mashimo, Hiroshi.
- Wu, G.-Y.; Malinow, R.; Cline, H. T.: Maturation of a central glutamatergic synapse. p972 8 Nov 1996.
- Wu, Jianxin. See Kind, Rainer.
- Wu, Nong. See Chen, Leshou.
- Wu, Qiang and Krainer, Adrian R.: UI-mediated exon definition interactions between AT-AC and GT-AG introns. p1005 8 Nov 1996.
- Wu, X. See Schuler, G. D.
- Wuethrich, Bernice (news): Wayward grizzlies spark debate. p493 25 Oct 1996.
- Wulff, Michael. See Šrajer, Vukica.
- Wunsch, Carl: review of *The Life and Legacy of G. J. Taylor*, by George Batchelor. p1846 13 Dec 1996.
- Wyse, Roger. See Daie, Jaleh.

X and Y

- Xie, S. S. See Li, W. Z.
- Xiguang, Li and Lei, Xiong (news): Chinese researchers debate rash of plagiarism cases. p337 18 Oct 1996.
- Xing, Lily. See Chinnaian, Arul M.
- Xu, Jianfeng. See Smith, Jeffrey R.
- Yamazaki, Daisuke; Kato, Takumi; Ohtani, Eiji; Toriumi, Mitsuhiro: Grain growth rates of MgSiO₃ perovskite and periclase under lower mantle conditions. p2052 20 Dec 1996.
- Yan, Lin. See Liang, Rui.
- Yang, Fusheng. See Hsiao, Karen.
- Yang, Ke. See Farrens, David L.
- Yang, Robert. See Chee, Mark.
- Yanofsky, Martin F. See Mena, Montaña.
- Yao, X. See Husmann, A.
- Yen, Samuel S. C. See Knobil, Ernst.
- York, Derek. See Chen, Yanshao.
- Young, Keith E. See Porter, Jeffery A.
- Younkin, Steven. See Hsiao, Karen.
- Yu, Guo-Liang. See Chinnaian, Arul M.
- Yuan, Xiaohui. See Kind, Rainer.
- Yung, Y. L. See Kass, D. M.
- Yunusov, N. See Berzin, R. See also Echtler, H. P.

Z

- Zachariae, Wolfgang; Shin, Tae Ho; Galova, Marta; Obermaier, Brigitte; Nasmyth, Kim: Identification of subunits of the anaphase-promoting complex of *Saccharomyces cerevisiae*. p1201 15 Nov 1996.
- Zakharian, A. See Sonett, C. P.
- Zakharov, Dmitrii. See SanMiguel, Phillip.
- Zare, Richard N. See Clemett, Simon J.
- Zastavker, Y. V. See Husmann, A.
- Zhang, Jian; Liu, Jie; Huang, Jin Lin; Kim, Philip; Lieber, Charles M.: Creation of nanocrystals through a solid-solid phase transition induced by an STM tip. p757 1 Nov 1996.
- Zhang, K.; Guo, B.; Colarusso, P.; Bernath, P. F.: Far-infrared emission spectra of selected gas-phase PAHs: spectroscopic fingerprints. p582 25 Oct 1996.
- Zhang, Let; Rzginalinski, Beverly A.; Ellis, Earl F.; Satin, Leslie S.: Reduction of voltage-dependent Mg²⁺ blockade of NMDA current in mechanically injured neurons. p1921 13 Dec 1996.
- Zhang, Zhi-Qiang. See Haase, Ashley T.
- Zhao, Yu. See Wolozin, Benjamin.
- Zhao, Dapeng; Kanamori, Hiroo; Negishi, Hiroaki; Wiens, Douglas: Tomography of the source area of the 1995 Kobe earthquake: evidence for fluids at the hypocenter? p1891 13 Dec 1996.
- Zhao, Lianshe. See Kind, Rainer.
- Zhao, R. A. See Li, W. Z.
- Zhao, Wenjin. See Brown, L. D. See also Kind, Rainer. See also Makovsky, Yitzhak. See also Nelson, K. D.
- Zheng, Biao. See Han, Shuhua.
- Zhou, Jianmin. See Tang, Xiaoyan.
- Zhou, Qiang and Sharp, Phillip A.: Tat-SF1: cofactor for stimulation of transcriptional elongation by HIV-1 Tat. p605 25 Oct 1996.
- Zhou, W. Y. See Li, W. Z.
- Zhou, Zhonghe. See Hou, Lianhai.
- Zhuang, Zhengping. See Emmert-Buck, Michael R.
- Ziętkiewicz, Ewa; Makalowski, Wojciech; Mitchell, Grant; Labuda, Damian: Complementary DNA for 12-kilodalton B cell growth factor: misassigned (technical comment). p631 25 Oct 1996.
- Zlotnikov, Galina. See Deng, Guoren.
- Zollo, A.; Gasparini, P.; Virieux, J.; le Meur, H.; de Natale, G.; Biella, G.; Boschi, E.; Capuano, P.; de Franco, R.; dell'Aversana, P.; de Matteis, R.; Guerra, I.; Iannaccone, G.; Mirabile, L.; Vilardo, G.: Seismic evidence for a low-velocity zone in the upper crust beneath Mount Vesuvius. p592 25 Oct 1996.
- Zolotorev, M. See Schoenlein, R. W.
- Zook, H. A. See Grün, E.
- _____. See Grün, E.; Baghui, M.; Hamilton, D. P.; Linkert, G.; Liou, J.-C.; Forsyth, R.; Phillips, J. L.: Solar wind magnetic field bending of jovian dust trajectories. p1501 29 Nov 1996.
- Zou, B. S. See Li, W. Z.
- Zreda, Marek G. See Phillips, Fred M.
- Zupancic, Mary. See Haase, Ashley T.