

Author Index Volume 300

April–June 2003

A and B

- AAAS News & Notes: AAAS annual election: preliminary announcement. p2051 27 June 2003. AAAS science news Web site gaining worldwide audience. p604 25 Apr 2003. Actions brought forward by the Committee on Council Affairs (CCA). p1391 30 May 2003. Behavioral genetics forum planned, 2 to 3 May. p605 25 Apr 2003. California firm to support Newcomb Cleveland Prize. p1390 30 May 2003. Human rights program rescues computer data. p1390 30 May 2003. New directory documents abuses. p605 25 Apr 2003. "Pinnacle of excellence"—reviewers needed. p605 25 Apr 2003. Public also seeks news on Web site. p604 25 Apr 2003. Report of the 2003 Council meeting. p1391 30 May 2003. Resolution regarding membership on federal advisory committees. p1391 30 May 2003. Slate of candidates. p2051 27 June 2003.
- Abe, Sumiyoshi and Rajagopal, A. K.: Revisiting disorder and Tsallis statistics (letter). p249 11 Apr 2003.
- Abelson, Philip: Dealing with change (editorial). p17 4 Apr 2003.
- Abrahams, E. See Dai, X.
- Abu-Raddad, Laith J. See Riley, Steven.
- Ackerman, Jerome L. See Cho, Gyunggoo.
- Ackermann, Martin; Stearns, Stephen C.; Jenal, Urs: Senescence in a bacterium with asymmetric division. p1920 20 June 2003.
- Adams, Mark D. See Scherer, Stephen W.
- Adams, Reginald B., Jr.; Gordon, Heather L.; Baird, Abigail A.; Ambady, Nalini; Kleck, Robert E.: Effects of gaze on amygdala sensitivity to anger and fear faces. p1536 6 June 2003.
- Adler, Elizabeth M. See Ray, L. Bryan.
- Aerts, C.; Thoul, A.; Daszyńska, J.; Scufilaire, R.; Waelkens, C.; Dupret, M. A.; Niemczura, E.; Noels, A.: Asteroseismology of HD 129929: core overshooting and nonrigid rotation. p1926 20 June 2003.
- Aggarwal, Pradeep K.; Basu, Asish R.; Kulkarni, Kshitij M.: Comment on "Arsenic mobility and groundwater extraction in Bangladesh" (I) (technical comment). p584 25 Apr 2003. www.sciencemag.org/cgi/content/full/300/5619/584b.
- Aguinagalde, Itziar. See Petit, Rémy J.
- Ahmad-Annur, Azlina. See Hafezparast, Majid.
- Ahmedi, Seifollah; Muth-Selbach, Uta; Lauterbach, Andreas; Lipfert, Peter; Neuhuber, Winfried L.; Zeilhofer, Hanns Ulrich: Facilitation of spinal NMDA receptor currents by spillover of synaptically released glycine. p2094 27 June 2003.
- Ahmed, Kazi Matin. See van Geen, Alexander.
- Ahmed, M. F. See Harvey, C. F.
- Ahmed, Mahiuddin. See Hu, Chuan.
- Ahmed, Rafi. See Kaech, Susan M.
- Aida, Takuzo. See Fukushima, Takanori.
- Ainley, D. G.; Ballard, G.; Emslie, S. D.; Fraser, W. R.; Wilson, P. R.; Woehler, E. J.: Adélie penguins and environmental change (letter). p429 18 Apr 2003.
- Albrecht, T. See Notholt, J.
- Algueró, Miguel. See Axness, Carl.
- Ali, M. A. See Harvey, C. F.
- Allakhverdov, Andrei. See Savelyeva, Elena.
- Allan, Victoria J. See Stephens, David J.
- Allen, Mark. See Tromp, Tracey K.
- Allen, Richard M. and Kanamori, Hiroo: The potential for earthquake early warning in southern California. p786 2 May 2003.
- Aloni, S. See Mickelson, W.
- Alper, Joe (news): Hatching the golden egg: a new way to make drugs. p729 2 May 2003.
- Alpers, Michael. See Mead, Simon.
- Altshuler, Douglas L. and Clark, Christopher James: Darwin's hummingbirds (perspective). p588 25 Apr 2003.
- Amat, Miguel A. See Lai, Zhiping.
- Ambady, Nalini. See Adams, Reginald B., Jr.
- Amiel, Jeanne. See De Sandrej-Giovannoli, Anna-chiara.
- Amieva, Manuel R.; Vogelmann, Roger; Covacci, Antonello; Tompkins, Lucy S.; Nelson, W. James; Falkow, Stanley: Disruption of the epithelial apical-junctional complex by *Helicobacter pylori* CagA. p1430 30 May 2003.
- Amitay, Tal. See Dror, Ishai.
- Ammann, C. See Santer, B. D.
- Amon, Angelika. See Lee, Brian H.
- Anand, Kanchan; Ziebuhr, John; Wadhwani, Parvesh; Mesters, Jeroen R.; Hilgenfeld, Rolf: Coronavirus main proteinase (3CL^{pro}) structure: basis for design of anti-SARS drugs. p1763 13 June 2003.
- Anderson, Greg. See Eberhart-Phillips, Donna.
- Anderson, J. R. See Berkley, A. J.
- Anderson, Larry J. See Rota, Paul A.
- Anderson, Philip S. See Jablonski, David.
- Anderson, Richard G. W. See Boucher, Philippe.
- Anderson, Roy M. See Riley, Steven.
- Anderson, Theodore L.; Charlson, Robert J.; Schwartz, Stephen E.; Knutti, Reto; Boucher, Olivier; Rodhe, Henning; Heintzenberg, Jost: Climate forcing by aerosols—a hazy picture (perspective). p1103 16 May 2003.
- Andonov, Anton. See Marra, Marco A.
- Andreopoulos, Spyros: Developing drugs for parasitic diseases (letter). p430 18 Apr 2003.
- Anfinrud, Philip A. See Schotte, Friedrich.
- Antcliff, Jennifer F. See Kuo, Anling.
- Antignac, Aude. See Girardin, Stephen E.
- Aono, Tatsuo. See Tsuda, Atsushi.
- Aoyama, Takashi. See Ohashi, Yohei.
- Appelbaum, Paul S. See Levine, Robert J.
- Arbaster, J. See Santer, B. D.
- Arepalli, Sivaram. See Chisholm, Matthew F.
- Ariyan, Charlotte. See Petersen, Kitt Falk.
- Armengol, Lluís. See Scherer, Stephen W.
- Aronson, Jessica A. See Sanfey, Alan G.
- Artsob, Harvey. See Marra, Marco A.
- Arz, Helge W.; Lamy, Frank; Pätzold, Jürgen; Müller, Peter J.; Prins, Maarten: Mediterranean moisture source for an early-Holocene humid period in the northern Red Sea. p118 4 Apr 2003.
- Asano, Jennifer K. See Marra, Marco A.
- Asano, Takashi. See Song, Bong-Shik.
- Ash, Caroline and Stone, Richard (news): A question of dose. p925 9 May 2003.
- Ashcroft, Frances M. See Kuo, Anling.
- Ashfaq, K. See Harvey, C. F.
- Asner, Gregory. See Lobell, David.
- Ast, Gil. See Lev-Maor, Galit.
- Astell, Caroline R. See Marra, Marco A.
- Augustin, Martin. See Hafezparast, Majid.
- Ault, Alicia (news): Climbing a medical Everest. p2024 27 June 2003.
- Ausubel, Frederick M. See Garsin, Danielle A.
- Averill, Sharon. See Hafezparast, Majid.
- Avouris, Ph. See Misewich, J. A.
- Avrutskaya, Anna V. See Gowen, Lori C.
- Axness, Carl; Tornero, Pablo; Ricote, Jesus; Algueró, Miguel; 113 Additional RyC Scientists: Spain's Ramón y Cajal program (letter). p52 4 Apr 2003.
- Ayala, Francisco J. See Benton, Michael J.
- Azad, Abul. See Morillon, Antonin.
- Bachtold, Daniel (news): Arsenic victims to take British science body to court. p1066 16 May 2003. Conflict-of-interest allegations derail inquiry into antidepressant's 'dark side'. p33 4 Apr 2003. Review gives embattled MRC a boost. p1635 13 June 2003.
- Bada, Jeffrey L. and Lazcano, Antonio: Prebiotic soup—revisiting the Miller experiment (essays on science and society). p745 2 May 2003.
- Badolato, Antonio. See Melosh, Nicholas A.
- Badro, James; Fiquet, Guillaume; Guyot, François; Rueff, Jean-Pascal; Struzhkin, Viktor V.; Vankó, György; Monaco, Giulio: Iron partitioning in Earth's mantle: toward a deep lower mantle discontinuity. p789 2 May 2003.
- Badruzaman, A. B. M. See Harvey, C. F.
- Bagla, Pallava (news): Experts say big cats don't leave useful tracks. p1355 30 May 2003.
- Baglione, Vittorio; Canestrari, Daniela; Marcos, José M.; Ekman, Jan: Kin selection in cooperative alliances of carrion crows. p1947 20 June 2003.
- Bai, Junfeng; Virovets, Alexander V.; Scheer, Manfred: Synthesis of inorganic fullerene-like molecules. p781 2 May 2003.
- Bailes, Elizabeth; Gao, Feng; Bibollet-Ruche, Frederic; Courgnaud, Valerie; Peeters, Martine; Marx, Preston A.; Hahn, Beatrice H.; Sharp, Paul M.: Hybrid origin of SIV in chimpanzees. p1713 13 June 2003.
- Baird, Abigail A. See Adams, Reginald B., Jr.
- Balavoine, Fabrice. See Richard, Cyrille.
- Baldauf, S. L.: The deep roots of eukaryotes. p1703 13 June 2003.
- Balint-Kurti, G. G. See Rakitzis, T. P.
- Ball, Simon. See Hafezparast, Majid.
- Ballard, G. See Ainley, D. G.
- Baltay, Charles; Breidenbach, Martin; Richter, Burton: Giving credit to the first linear collider (letter). p1371 30 May 2003.
- Baltimore, David. See Klausner, Richard D. See also Porteus, Matthew H.

- Bandfield, Joshua L. See Christensen, Philip R.
- Bankamp, Bettina. See Rota, Paul A.
- Barber, Sarah A. See Marra, Marco A.
- Barbier, Antoine. See Renaud, Gilles.
- Bardelli, Alberto; Parsons, D. Williams; Silliman, Natalie; Ptak, Janine; Szabo, Steve; Saha, Saubrah; Markowitz, Sanford; Willson, James K. V.; Parmigiani, Giovanni; Kinzler, Kenneth W.; Vogelstein, Bert; Velculescu, Victor E.: Mutational analysis of the tyrosine kinase in colorectal cancers. p949 9 May 2003.
- Barinaga, Marcia (news): Still debated, brain image archives are catching on. p43 4 Apr 2003.
- Barton, Gregory M. and Medzhitov, Ruslan: Toll-like receptor signaling pathways. p1524 6 June 2003.
- Barton, Nick H. See Navarro, Arcadi.
- Bascones, Elena. See Muñoz-Pinedo, Cristina.
- Bastien, Nathalie. See Marra, Marco A.
- Basu, Asish R. See Aggarwal, Pradeep K.
- Bates, Frank S. See Jain, Sumeet.
- Baughman, Ray H.: Muscles made from metal (perspective). p268 11 Apr 2003.
- Beck, Jonathan A. See Mead, Simon.
- Becker, Alfred and Grünewald, Uwe: Flood risk in Central Europe. p1099 16 May 2003.
- Beckie, R. See Harvey, C. F.
- Beckman, Mary (news): Play-by-play imaging rewrites cells' rules. p76 4 Apr 2003.
- Beerli, Peter. See Joy, Deirdre A.
- Befroy, Douglas. See Petersen, Kitt Falk.
- Begelman, Mitchell C.: Evidence for black holes. p1898 20 June 2003.
- Begun, Jakob. See Garsin, Danielle A.
- Beiersdorfer, P.; Boyce, K. R.; Brown, G. V.; Chen, H.; Kahn, S. M.; Kelley, R. L.; May, M.; Olson, R. E.; Porter, F. S.; Stahle, C. K.; Tillotson, W. A.: Laboratory simulation of charge exchange-produced x-ray emission from comets. p1558 6 June 2003.
- Bell, James F., III. See Christensen, Philip R.
- Bellini, William J. See Rota, Paul A.
- Belloni, Elena. See Scherer, Stephen W.
- Bellwood, Peter. See Diamond, Jared.
- Benford, Gregory. See Hoffert, Martin I.
- Bennett, Joel S. See Li, Renhao.
- Benoist, Stephen L. See Ellwood, Brooks B.
- Benton, Michael J. and Ayala, Francisco J.: Dating the tree of life. p1698 13 June 2003.
- Berent, Iris. See Marcus, Gary F.
- Berger, Shelley L.: review of *Chromatin and Gene Regulation*, by Bryan M. Turner. p253 11 Apr 2003.
- Berkley, A. J.; Xu, H.; Ramos, R. C.; Gubrud, M. A.; Strauch, F. W.; Johnson, P. R.; Anderson, J. R.; Dragt, A. J.; Lobb, C. J.; Wellstood, F. C.: Entangled macroscopic quantum states in two superconducting qubits. p1548 6 June 2003.
- Berkley, Seth. See Klausner, Richard D.
- Berkowitz, Brian. See Dror, Ishai.
- Bernard, Kathy. See Marra, Marco A.
- Bernard, Rafaëlle. See De Sandrej-Giovannoli, Annachiara.
- Berry, R. Stephen: Validity and ethics in science (editorial). p1341 30 May 2003.
- Bertin, John. See Girardin, Stephen E.
- Bertoldi, F. See Carilli, C. L.
- Beswick, J. A. See Rakitzis, T. P.
- Bettge, T. See Santer, B. D.
- Beumer, Kelly. See Bibikova, Marina.
- Bevan, Michael: Surprises inside a green grass genome (perspective). p1514 6 June 2003.
- Bevan, Michael J. See Sun, Joseph C.
- Bhattacharjee, Yudhijit (news): Keck gives \$40 million for academies initiative. p565 25 Apr 2003. Nine women make 2003 a record year. p1217 23 May 2003.
- Bibikova, Marina; Beumer, Kelly; Trautman, Jonathan K.; Carroll, Dana: Enhancing gene targeting with designed zinc finger nucleases. p764 2 May 2003.
- Bibollet-Ruche, Frederic. See Bailes, Elizabeth.
- Bignami, Giovanni F.: review of *The Eye of the Lynx*, by David Freedberg. p743 2 May 2003.
- Bilde-Sørensen, Jørgen B. and Schiøtz, Jakob: Nanocrystals get twins (perspective). p1244 23 May 2003.
- Billock, Vincent A.: review of *Why We See What We Do*, by Dale Purves and R. Beau Lotto. p742 2 May 2003.
- Bingemer, H. See Notholt, J.
- Binladen, Jonas. See Willerslev, Eske.
- Birch, K. Alexander. See Kuznetsov, Aleksey E.
- Birkhead, Tim R. See Blount, Jonathan D.
- Bittkau, Christiane. See Petit, Rémy J.
- Bjedov, Ivana; Tenaillon, Olivier; Gérard, Bénédicte; Souza, Valeria; Denamur, Erick; Radman, Miroslav; Taddei, François; Matic, Ivan: Stress-induced mutagenesis in bacteria. p1404 30 May 2003.
- Bland-Hawthorn, Joss. See Harwit, Martin.
- Bloch, Jonathan I. and Boyer, Doug M.: Response to comment on "Grasping primate origins" (technical comment). p741 2 May 2003. www.sciencemag.org/cgi/content/full/300/5620/741c.
- Bloom, Barry R.: Lessons from SARS (editorial). p701 2 May 2003.
- Bloom, Floyd E.: Science as a way of life: perplexities of a physician-scientist. p1680 13 June 2003.
- Bloomfield, Frank H.; Oliver, Mark H.; Hawkins, Paul; Campbell, Melanie; Phillips, David J.; Gluckman, Peter D.; Challis, John R. G.; Harding, Jane E.: A periconceptional nutritional origin for noninfectious preterm birth. p606 25 Apr 2003.
- Bloor, James W. See Hutson, M. Shane.
- Blount, Jonathan D.; Metcalfe, Neil B.; Birkhead, Tim R.; Surai, Peter F.: Carotenoid modulation of immune function and sexual attractiveness in zebra finches. p125 4 Apr 2003.
- Boccaccio, Irène. See De Sandrej-Giovannoli, Annachiara.
- Bodin, Paul. See Larson, Kristine M.
- Boehme, Florian. See Hafezparast, Majid.
- Bogdanov, P. V. See Yang, W. L.
- Bohannon, John (news): From bioweapons backwater to main attraction. p414 18 Apr 2003.
- Bohannon, John and Hellems, Alexander (news): Industrial renaissance or a new dark age? p1354 30 May 2003.
- Bohks, Stacy M. See McDonald, David.
- Boiani, Michele. See Hübner, Karin.
- Boldyrev, Alexander I. See Kuznetsov, Aleksey E.
- Bond, Queta. See McGovern, Victoria.
- Boneca, Ivo G. See Girardin, Stephen E.
- Bonilla, Griselda. See Lai, Zhiping.
- Bonn, D. A. See Gedik, N.
- Bonnetien, Jean-Louis. See Champion, Yannick.
- Booth, Timothy F. See Marra, Marco A.
- Boothby, Mark R. See Kelly-Welch, Ann E.
- Borenstein, Yves. See Renaud, Gilles.
- Boright, Andrew P. See Scherer, Stephen W.
- Bösch, H. See Pfeilsticker, K.
- Boucher, Olivier. See Anderson, Theodore L.
- Boucher, Philippe; Gotthardt, Michael; Li, Weiping; Anderson, Richard G. W.; Herz, Joachim: LRP: role in vascular wall integrity and protection from atherosclerosis. p329 11 Apr 2003.
- Bouchonnet, Francine. See Lecossier, Denise.
- Boukai, Akram. See Melosh, Nicholas A.
- Boulanger, Martin J.; Chow, Dar-chone; Brevnova, Elena E.; Garcia, K. Christopher: Hexameric structure and assembly of the interleukin-6/IL-6 α -receptor/gp130 complex. p2101 27 June 2003.
- Bouvier, Florence; Dogbo, Odette; Camara, Bilal: Biosynthesis of the food and cosmetic plant pigment bixin (annatto). p2089 27 June 2003.
- Bowen, Samantha. See Hafezparast, Majid.
- Bowman, David; King, Geoffrey; Taponnier, Paul: Slip partitioning by elastoplastic propagation of oblique slip at depth. p1121 16 May 2003.
- Bowness, Donnie. See Marra, Marco A.
- Boyce, K. R. See Beiersdorfer, P.
- Boyd, Micah. See Schneble, Dominik.
- Boyd, Philip W. See Buesseler, Ken O.
- Boyer, Doug M. See Bloch, Jonathan I.
- Boyle, J. S. See Santer, B. D.
- Boynton, W. V. See Mitrofanov, I. G.
- Brabander, D. See Harvey, C. F.
- Bradley, David (news): Shy chemicals offer a solution. p2022 27 June 2003.
- Branca, Malorye (news): Putting gene arrays to the test. p238 11 Apr 2003.
- Brand, Tina B. See Willerslev, Eske.
- Brauner, Erik. See Swedlow, Jason R.
- Brei, Brandon and Fish, Durland: Comment on "Parasites as a viability cost of sexual selection in natural populations of mammals" (technical comment). p55 4 Apr 2003. www.sciencemag.org/cgi/content/full/300/5616/55a.
- Breidenbach, Martin. See Baltay, Charles.
- Bretscher, Anthony. See Gundersen, Gregg G.
- Brevnova, Elena E. See Boulanger, Martin J.
- Brewer, Simon. See Petit, Rémy J.
- Brignone, Chrystelle. See Grossman, Steven R.
- Brinson, Bruce. See Chisholm, Matthew F.
- Briuanlou, Ali H.; Gage, Fred H.; Jaenisch, Rudolf; Jessell, Thomas; Melton, Douglas; Rossant, Janet: Setting standards for human embryonic stem cells (perspective). p913 9 May 2003.
- Brochard-Wyart, Françoise and de Gennes, Pierre Gilles: How soft skin wrinkles (perspective). p441 18 Apr 2003.
- Broecker, W. S.: Does the trigger for abrupt climate change reside in the ocean or in the atmosphere? p1519 6 June 2003.
- Bronk Ramsey, Christopher. See Staddon, Philip L.
- Brooks-Wilson, Angela. See Marra, Marco A.
- Brouet, V. See Yang, W. L.
- Brown, Alex. See Rakitzis, T. P.
- Brown, Emery N. See Wirth, Sylvia.
- Brown, G. V. See Beiersdorfer, P.
- Brown, M. E. See Margot, J. L.
- Bruchez, Marcel P. See Larson, Daniel R.
- Brüggemann, W. See Santer, B. D.
- Bruins, Hendrik J.; van der Plicht, Johannes; Mazar, Amihai: ^{14}C dates from Tel Rehov: Iron-Age chronology, pharaohs, and Hebrew kings. p315 11 Apr 2003.
- Brune, H. See Gambardella, P.
- Brunham, Robert C. See Marra, Marco A.
- Bruns, Gail A. P. See Scherer, Stephen W.
- Bryden, Harry L.; McDonagh, Elaine L.; King, Brian A.: Changes in ocean water mass properties: oscillations or trends? p2086 27 June 2003.
- Buceta-Fernández, Javier. See Muñoz-Pinedo, Cristina.
- Buesseler, Ken O. and Boyd, Philip W.: Will ocean fertilization work? (perspective). p67 4 Apr 2003.
- Bunce, Michael. See Willerslev, Eske.
- Buongiorno Nardelli, M. See McKee, R. A.
- Burgess, Shawn M. See Wu, Xiaolin.
- Burke, John M. and Rieseberg, Loren H.: Fitness effects of transgenic disease resistance in sunflowers. p1250 23 May 2003.
- Burns, Cara. See Rota, Paul A.
- Burns, Kathleen H.; Viveiros, Maria M.; Ren, Yongsheng; Wang, Pei; DeMayo, Francesco J.; Frail, Donald E.; Eppig, John J.; Matzuk, Martin M.: Roles of NPM2 in chromatin and nucleolar organization in oocytes and embryos. p633 25 Apr 2003.
- Burns, Stephen J. See Fleitmann, Dominik.
- Buron-Le Cointe, Marylise. See Collet, Eric.

Burr, Brooks M. See Chick, John H.
 Burrow, Carole J.: Comment on "Separate evolutionary origins of teeth from evidence in fossil jawed vertebrates" (technical comment). p1661 13 June 2003. www.sciencemag.org/cgi/content/full/300/5626/1661b.
 Burt, Dave and Pourquie, Olivier: Chicken genome—science nuggets to come soon. p1669 13 June 2003.
 Burton, Dennis R. See Calarese, Daniel A.
 Butterfield, Yaron S. N. See Marra, Marco A.

C and D

C., Miguel Niquen. See Chavez, Francisco P.
 Cabria, I. See Gambardella, P.
 Caffee, M. W. See Partridge, T. C.
 Cailleau, Hervé. See Collet, Eric.
 Calarese, Daniel A.; Scanlan, Christopher N.; Zwick, Michael B.; Deechongkit, Songpon; Mimura, Yusuke; Kunert, Renate; Zhu, Ping; Wormald, Mark R.; Stanfield, Robyn L.; Roux, Kenneth H.; Kelly, Jeffery W.; Rudd, Pauline M.; Dwek, Raymond A.; Katinger, Hermann; Burton, Dennis R.; Wilson, Ian A.: Antibody domain exchange is an immunological solution to carbohydrate cluster recognition. p2065 27 June 2003.
 Caldeira, Ken. See Hoffer, Martin I.
 Calderwood, Stephen B. See Garsin, Danielle A.
 Camara, Bilal. See Bouvier, Florence.
 Camerer, Colin F.: Strategizing in the brain (perspective). p1673 13 June 2003.
 Campagnoli, Ray. See Rota, Paul A.
 Campbell, Ernest B. See Dutzler, Raimund.
 Campbell, Melanie. See Bloomfield, Frank H.
 Campbell, Tracy. See Mead, Simon.
 Canestrari, Daniela. See Baglione, Vittorio.
 Cann, Howard M. See Rosenberg, Noah A.
 Cao, Ru. See Plath, Kathrin.
 Capel, W. Darrell. See Lodowski, David T.
 Capuano, Saverio. See Simerly, Calvin.
 Car, Roberto. See Naber, Nariman.
 Carbone, C. See Gambardella, P.
 Carilli, C. L.; Lewis, G. F.; Djorgovski, S. G.; Mahabal, A.; Cox, P.; Bertoldi, F.; Omont, A.: A molecular Einstein ring: imaging a starburst disk surrounding a quasi-stellar object. p773 2 May 2003.
 Carlier, Edmond. See Garrido, Juan José.
 Carneiro, Leticia A. M. See Girardin, Stephen E.
 Carpenter, William T. See Levine, Robert J.
 Carr, Antony M.: Beginning at the end (perspective). p1512 6 June 2003.
 Carroll, Dana. See Bibikova, Marina.
 Carson, Andrew R. See Scherer, Stephen W.
 Carson, Cathryn: review of *No Time To Be Brief*, by Charles P. Enz. p252 11 Apr 2003.
 Carter, Ashton B.: review of *No More Killing Fields*, by David A. Hamburg. p1374 30 May 2003.
 Cartmill, Matt. See Kirk, E. Christopher.
 Carver, Gary A. See Eberhart-Phillips, Donna.
 Casassus, Barbara (news): French Supreme Court ends tainted blood saga. p2019 27 June 2003.
 Cassell, Alan. See Ng, Hou T.
 Casselman, Amy L. See Froy, Oren.
 Cassman, Marvin: Counting on the neuron (perspective). p756 2 May 2003.
 Castellano, Sergi. See Kryukov, Gregory V.
 Castillo-Davis, Cristian I. See Ranz, José M.
 Cau, Pierre. See De Sandrej-Giovannoli, Annachiara.
 Caudill, S. R. See Wagner, J. D.
 Caughey, Byron. See Priola, Suzette A.
 Cavalleri, Andrea. See Sidors, Craig W.
 Cech, Thomas R.: Inoculating a science education epidemic (letter). p1236 23 May 2003.
 Cesarsky, Catherine J. See Elbaz, David.
 Ceulemans, Reinhart. See Janssens, Ivan A.

Cézilly, Frank. See Faivre, Bruno.
 Chace, Crista. See Simerly, Calvin.
 Chae, Ho Zoon. See Woo, Hyun Ae.
 Challis, John R. G. See Bloomfield, Frank H.
 Chalupa, Leo M. See Huberman, Andrew D.
 Champion, Yannick; Langlois, Cyril; Guérin-Mailly, Sandrine; Langlois, Patrick; Bonnetien, Jean-Louis; Hÿtch, Martin J.: Near-perfect elastoplasticity in pure nanocrystalline copper. p310 11 Apr 2003.
 Chan, Ho Man. See Grossman, Steven R.
 Chan, King-Pan. See Riley, Steven.
 Chan, Susanna Y. See Marra, Marco A.
 Chang, Edward F. and Merzenich, Michael M.: Environmental noise retards auditory cortical development. p498 18 Apr 2003.
 Chang, Ming-Shien. See Hutson, M. Shane.
 Chao, Sheng Der. See Dai, Dongxu.
 Chapman, Barbara. See Huberman, Andrew D.
 Charlson, Robert J. See Anderson, Theodore L.
 Chau, Patsy. See Riley, Steven.
 Chavez, Francisco P.; Ryan, John; Lluch-Cota, Salvador E.; C., Miguel Niquen: Sardine fishing in the early 20th century (letter). p2032 27 June 2003.
 Cheddadi, Rachid. See Petit, Rémy J.
 Chen, H. See Beiersdorfer, P.
 Chen, Junyuan. See Mallatt, Jon.
 Chen, Mingwei; Ma, En; Hemker, Kevin J.; Sheng, Hongwei; Wang, Yinmin; Cheng, Xuemei: Deformation twinning in nanocrystalline aluminum. p1275 23 May 2003.
 Chen, Min-hsin. See Rota, Paul A.
 Chen, Qi. See Rota, Paul A.
 Chen, Rong. See Saito, Takashi.
 Chen, Sow-Hsin; Chen, Wei-Ren; Mallamace, Francesco: The glass-to-glass transition and its end point in a copolymer micellar system. p619 25 Apr 2003.
 Chen, Wei-Ren. See Chen, Sow-Hsin.
 Chen, Xiaoro. See Naber, Nariman.
 Chen, Zun. See Song, Jianbo.
 Cheng, Emily H. See Scorrano, Luca.
 Cheng, Wan-Hsing. See Moore, Brandon.
 Cheng, Xuemei. See Chen, Mingwei.
 Chesebro, Bruce. See Priola, Suzette A.
 Cheung, Joseph. See Scherer, Stephen W.
 Chew, Suok Kai. See Lipsitch, Marc.
 Chick, John H.; Maher, Robert J.; Burr, Brooks M.; Thomas, Matthew R.: First black carp captured in U.S. (letter). p1876 20 June 2003.
 Chisholm, Matthew F.; Wang, Yuhuang; Lupini, Andrew R.; Eres, Gyula; Puzetzy, Alex A.; Brinson, Bruce; Melechko, Anatoli V.; Geohegan, David B.; Cui, Hongtao; Johnson, Marie P.; Pennycook, Stephen J.; Lowndes, Douglas H.; Arepalli, Sivaram; Kittrell, Carter; Sivaram, Saujan; Kim, Myung; Lavin, Gerry; Kono, Junichiro; Hauge, Robert; Smalley, Richard E.: Comment on "Single crystals of single-walled carbon nanotubes formed by self-assembly" (technical comment). p1236 23 May 2003. www.sciencemag.org/cgi/content/full/300/5623/1236b.
 Chitayat, David. See Scherer, Stephen W.
 Chiu, Chiayu and Weliky, Michael: Synaptic modification by vision (perspective). p1890 20 June 2003.
 Cho, Adrian: Giving credit to the first linear collider (letter). p1371 30 May 2003.
 Cho, Adrian (news): Calculating the incalculable. p1076 16 May 2003. Monster machines. p1077 16 May 2003.
 Cho, Gyunggoo; Wu, Yaotang; Ackerman, Jerome L.: Detection of hydroxyl ions in bone mineral by solid-state NMR spectroscopy. p1123 16 May 2003.
 Cho, Mildred and Grainger-Monsen, Maren: review of *Race*, by Larry Adelman, executive producer.

p434 18 Apr 2003.
 Choi, Hyoung J. See Yang, W. L.
 Chong, Kowit-Yu. See Simerly, Calvin.
 Chothia, Cyrus; Gough, Julian; Vogel, Christine; Teichmann, Sarah A.: Evolution of the protein repertoire. p1701 13 June 2003.
 Chotivanich, Kesinee. See Joy, Deirdre A.
 Choufani, Sanaa. See Scherer, Stephen W.
 Chow, Dar-chone. See Boulanger, Martin J.
 Christensen, Philip R.; Bandfield, Joshua L.; Bell, James F., III; Gorelick, Noel; Hamilton, Victoria E.; Ivanov, Anton; Jakosky, Bruce M.; Kieffer, Hugh H.; Lane, Melissa D.; Malin, Michael C.; McConnochie, Timothy; McEwen, Alfred S.; McSween, Harry Y., Jr.; Mehall, Greg L.; Moersch, Jeffery E.; Nealon, Kenneth H.; Rice, James W., Jr.; Richardson, Mark I.; Ruff, Steven W.; Smith, Michael D.; Titus, Timothy N.; Wyatt, Michael B.: Morphology and composition of the surface of Mars: Mars Odyssey THEMIS results. p2056 27 June 2003.
 Christenson, Lane K. See Hübner, Karin.
 Christofferson, Shari A. See Dolan, James F.
 Christopoulos, Constantine C. See Scherer, Stephen W.
 Chua, Tock H. See Davidson, Diane W.
 Chung, Hee Jung; Steinberg, Jordan P.; Haganir, Richard L.; Linden, David J.: Requirement of AMPA receptor GluR2 phosphorylation for cerebellar long-term depression. p1751 13 June 2003.
 Ciais, Philippe. See Janssens, Ivan A.
 Cirak, Fehmi; Cisternas, Jaime E.; Cuitiño, Alberto M.; Ertl, Gerhard; Holmes, Philip; Kevrekidis, Ioannis G.; Ortiz, Michael; Rotermund, Harm Hinrich; Schunack, Michael; Wolff, Janpeter: Oscillatory thermomechanical instability of an ultrathin catalyst. p1932 20 June 2003.
 Cisternas, Jaime E. See Cirak, Fehmi.
 Clark, Christopher James. See Altshuler, Douglas L.
 Clark, Stephen W. See Larson, Daniel R.
 Clark, Steven E. See Nishihama, Ryuichi.
 Clarke, R. J. See Partridge, T. C.
 Clavel, François. See Lecossier, Denise.
 Cleaver, James E.: Cambridge Laboratory of Molecular Biology (letter). p1875 20 June 2003.
 Clery, Daniel (news): Bringing science to the cafés. p2026 27 June 2003. Emerging from the shadow of Abdus Salam. p241 11 Apr 2003. Financial crisis puts comet mission on the ropes. p1213 23 May 2003.
 Clery, Daniel and Vogel, Gretchen (news): Stuck in neutron neutral. p1226 23 May 2003.
 Cline, Gary W. See Petersen, Kitt Falk.
 Clobert, Jean. See Sinervo, Barry.
 Cloutier, Alison. See Marra, Marco A.
 Cohen, Adam E.: Carbon nanotubes provide a charge (letter). p1235 23 May 2003.
 Cohen, Jon (news): Drug trials without the drugs?. p1212 23 May 2003. Lab accident reveals potential health risks of common compound. p31 4 Apr 2003. NIAID's \$233 million problem put on hold. p1065 16 May 2003. NIAID's nasty surprise. p877 9 May 2003. A setback and an advance on the AIDS vaccine front. p28 4 Apr 2003.
 Cohen, Jonathan D. See Sanfey, Alan G.
 Cohen, Marvin L. See Yang, W. L.
 Cohen, Paula E. See Crackerow, Michael A.
 Cohen, Ted. See Lipsitch, Marc.
 Colin, Patrick L.: Larvae retention: genes or oceanography? (letter). p1657 13 June 2003.
 Collet, Eric; Lemée-Cailleau, Marie-Hélène; Buron-Le Cointe, Marylise; Cailleau, Hervé; Wulff, Michael; Luty, Tadeusz; Koshihara, Shin-Ya; Meyer, Mathias; Toupet, Loic; Rabiller, Philippe; Techert, Simone: Laser-induced ferroelectric structural order in an organic charge-transfer crystal. p612 25 Apr 2003.
 Collinge, John. See Mead, Simon.

- Collins, Chris. See Klausner, Richard D.
- Collins, Francis S.; Morgan, Michael; Patrinos, Aristides: The Human Genome Project: lessons from large-scale biology. p286 11 Apr 2003.
- Collins, Odell A. See Huberman, Andrew D.
- Colombo, Kelly; Grill, Stephan W.; Kimple, Randall J.; Willard, Francis S.; Siderovski, David P.; Gönczy, Pierre: Translation of polarity cues into asymmetric spindle positioning in *Caenorhabditis elegans* embryos. p1957 20 June 2003.
- Compton, Duane. See Simerly, Calvin.
- Constable, Catherine G. See Johnson, Catherine L. Conway Morris, Simon. See Shu, Degan.
- Conway, Gordon and Toenniessen, Gary: African food security and population growth (letter). p2033 27 June 2003.
- Cook, Steven C. See Davidson, Diane W.
- Cooke, Roger. See Naber, Nariman.
- Coomes, David A. See Wardle, David A.
- Coontz, Robert. See Rowan, Linda.
- Cooper, Alan. See Willerslev, Eske.
- Cooper, Ben. See Lipsitch, Marc.
- Cooper, Rory A. and Seelman, Katherine D.: Inclusion of people with disabilities (letter). p1877 20 June 2003.
- Cord, Branden J. See Ricaurte, George A.
- Cordon-Cardo, Carlos. See Garcia-Barros, Monica.
- Corey, Lawrence. See Klausner, Richard D.
- Corwin, David L.: Another random samples clarification (letter). p905 9 May 2003.
- Cotman, Carl W. See Kaye, Rakez.
- Coughlin, Shaun M. See Marra, Marco A.
- Courgnaud, Valerie. See Bailes, Elizabeth.
- Couzin, Jennifer (news): Canceling grants, VA research chief shakes the system. p574 25 Apr 2003.
- Diabetes' brave new world. p1862 20 June 2003.
- Panel urges caution over heart problems. p2013 27 June 2003.
- Purified signaling protein stimulates stem cell proliferation. p722 2 May 2003.
- Report deplores growth in academic patenting. p406 18 Apr 2003.
- Covacci, Antonello. See Amieva, Manuel R.
- Cox, P. See Carilli, C. L.
- Cox, Sarah R. See Scherer, Stephen W.
- Coyle, Anthony J. See Girardin, Stephen E.
- Crabb, Charlene (news): NASA bails out of French-led Mars mission. p719 2 May 2003.
- Crackower, Michael A.; Kolas, Nadine K.; Noguchi, Junko; Sarao, Renu; Kikuchi, Kazuhiro; Kaneko, Hiroyuki; Kobayashi, Eiji; Kawai, Yasuhiro; Kozieradzki, Ivona; Landers, Rushin; Mo, Rong; Hui, Chi-Chung; Nieves, Edward; Cohen, Paula E.; Osborne, Lucy R.; Wada, Teiji; Kuniyeda, Tetsuo; Moens, Peter B.; Penninger, Josef M.: Essential role of Fkbp6 in male fertility and homologous chromosome pairing in meiosis. p1291 23 May 2003.
- Craig, Elizabeth A. See Liu, Qinglian.
- Craw, Patricia. See Eberhart-Phillips, Donna.
- Crick, Rex E. See Ellwood, Brooks B.
- Crise, Bruce. See Wu, Xiaolin.
- Criswell, David R. See Hoffert, Martin I.
- Crone, Anthony J. See Eberhart-Phillips, Donna.
- Croxall, J. P.; Trathan, P. N.; Murphy, E. J.: Adélie penguins and environmental change (letter). p429 18 Apr 2003.
- Cui, Hongtao. See Chisholm, Matthew F.
- Cuitiño, Alberto M. See Cirak, Fehmi.
- Culotta, Elizabeth. See Sugden, Andrew M.
- Cummings, John. See Mickelson, W.
- Cúneo, N. Rubén. See Wilf, Peter.
- Cuthbertson, Jonathan. See Kuo, Anling.
- Czub, Martin. See Marra, Marco A.
- Dai, Dongxu; Wang, Chia C.; Harich, Steven A.; Wang, Xiuyan; Yang, Xueming; Chao, Sheng Der; Skodje, Rex T.: Interference of quantized transition-state pathways in the $H + D_2 \rightarrow D + HD$ chemical reaction. p1730 13 June 2003.
- Dai, X.; Savrasov, S. Y.; Kotliar, G.; Migliori, A.; Ledbetter, H.; Abrahams, E.: Calculated phonon spectra of plutonium at high temperatures. p953 9 May 2003.
- Daily, Gretchen C.: review of *Win-Win Ecology*, by Michael L. Rosenzweig. p1508 6 June 2003.
- Dallmeyer, A. See Gambardella, P.
- Dargent, Bénédicte. See Garrido, Juan José.
- Daszyńska, J. See Aerts, C.
- Dausman, Jessica. See Gaudet, François.
- Davidson, Diane W.; Cook, Steven C.; Snelling, Roy R.; Chua, Tock H.: Explaining the abundance of ants in lowland tropical rainforest canopies. p969 9 May 2003.
- Davis, Mark A.: A history lesson for President Putin? (letter). p249 11 Apr 2003.
- Davis, Mark E.: Distinguishing the (almost) indistinguishable (perspective). p438 18 Apr 2003.
- Dawson, Timothy E. See Eberhart-Phillips, Donna.
- de Angelis, Martin Hrabec. See Hafezparast, Majid.
- de Beaulieu, Jacques-Louis. See Petit, Rémy J.
- de Chadarevian, Soraya: The making of an icon (essays on science and society). p255 11 Apr 2003.
- de Gennes, Pierre Gilles. See Brochard-Wyart, Françoise.
- de Heer, Walt A. See Moro, Ramiro.
- de la Cruz, Cecile C. See Plath, Kathrin.
- De La Fuente, Rabindranath. See Hübner, Karin.
- de Miguel, Maria P. See Spruck, Charles H.
- De Sandrej-Giovannoli, Annachiara; Bernard, Rafaëlle; Cau, Pierre; Navarro, Claire; Amiel, Jeanne; Boccaccio, Irène; Lyonnet, Stanislas; Stewart, Colin L.; Munnich, Arnold; Le Merrer, Martine; Lévy, Nicolas: Lamin A truncation in Hutchinson-Gilford progeria. p2055 27 June 2003.
- Deato, Maria E. See Grossman, Steven R.
- Debanne, Dominique. See Garrido, Juan José.
- Deckelmann, H. See Notholt, J.
- Deedrichs, P. H. See Gambardella, P.
- Deechongkit, Songpon. See Calarese, Daniel A.
- DeGrado, William F. See Li, Renhao.
- Deguchi, Yuji. See Tsuda, Atsushi.
- Dehant, Veronique: A liquid core for Mars? (perspective). p260 11 Apr 2003.
- del Nery, Elaine. See Nizak, Clément.
- del Pozo, Miguel A. See Muñoz-Pinedo, Cristina.
- Delany, Mary E. See Fulton, Janet E.
- Demaine, Linda J. and Fellmeth, Aaron X.: Natural substances and patentable inventions. p1375 30 May 2003.
- Demaurex, Nicolas and Distelhorst, Clark: Apoptosis—the calcium connection (perspective). p65 4 Apr 2003.
- DeMayo, Francesco J. See Burns, Kathleen H.
- Demes, Brigitte. See Larson, Susan G.
- Demesure-Musch, Brigitte. See Petit, Rémy J.
- Denamur, Erick. See Bjedov, Ivana.
- DePaolo, Donald J. and Manga, Michael: Deep origin of hotspots—the mantle plume model (perspective). p920 9 May 2003.
- DeRisi, Joseph L. See Rota, Paul A.
- Derlet, P. M. See Hasnaoui, A.
- Deville, Jean-Paul. See Renaud, Gilles.
- DeYoung, Brody. See Nishihama, Ryuichi.
- Dhesi, S. S. See Gambardella, P.
- Diamond, Jared and Bellwood, Peter: Farmers and their languages: the first expansions. p597 25 Apr 2003.
- Diana, Frederic. See Melosh, Nicholas A.
- Diaz, Isabel. See Lai, Zhiping.
- Dickinson, Janis L. and Koenig, Walter D.: Desperately seeking similarity (perspective). p1887 20 June 2003.
- Dickinson, Michael H. See Fry, Steven N.
- Dickneite, Carmen. See Hafezparast, Majid.
- Dickson, Barry J.: Wiring the brain with insulin (perspective). p440 18 Apr 2003.
- Dieckmann, K. See Gupta, S.
- Diedrichsen, Jörn. See Spencer, Rebecca M. C.
- DiPietro, Loretta. See Petersen, Kitt Falk.
- DiStefano, Peter S. See Girardin, Stephen E.
- Distelhorst, Clark. See Demaurex, Nicolas.
- Djorgovski, S. G. See Carilli, C. L.
- Dobbie, Ian M. See Zicha, Daniel.
- Doblin, Richard. See Mithoefer, Michael.
- Dogbo, Odette. See Bouvier, Florence.
- Döhner, Hartmut. See Scherer, Stephen W.
- Döhner, Konstanze. See Scherer, Stephen W.
- Dolan, James F.; Christofferson, Shari A.; Shaw, John H.: Recognition of paleoearthquakes on the Puente Hills blind thrust fault, California. p115 4 Apr 2003.
- Dolman, A. Johannes. See Janssens, Ivan A.
- Dominko, Tanja. See Simerly, Calvin.
- Donahue, Brian: review of *Deforesting the Earth*, by Michael Williams. p907 9 May 2003.
- Donnelly, Christl A. See Riley, Steven.
- Donovan, Peter J. See Spruck, Charles H.
- Douglas, R. Gordon. See Klausner, Richard D.
- Doutriaux, C. See Santer, B. D.
- Downie, David Leonard: Persistent organic pollutants and policy (letter). p901 9 May 2003.
- Doyle, Declan A. See Kuo, Anling.
- Dragert, Herb. See Rogers, Garry.
- Dragoi, Valentin. See Sharma, Jitendra.
- Dragt, A. J. See Berkley, A. J.
- Drake, D. See Mitrofanov, I. G.
- Drebot, Michael. See Marra, Marco A.
- Dror, Ishai; Amitay, Tal; Yaron, Bruno; Berkowitz, Brian: Salt-pump mechanism for contaminant intrusion into coastal aquifers. p950 9 May 2003.
- Drosten, Christian. See Rota, Paul A.
- D'Silva, Patrick. See Liu, Qinglian.
- Du, Keyong; Herzig, Stephan; Kulkarni, Rohit N.; Montminy, Marc: TRB3: a *tribbles* homolog that inhibits Akt/PKB activation by insulin in liver. p1574 6 June 2003.
- Dufour, Sylvie. See Petersen, Kitt Falk.
- Duggan, Gavin E. See Scherer, Stephen W.
- Dumesic, J. A. See Huber, G. W.
- Dunn, Graham A. See Zicha, Daniel.
- Dupret, M. A. See Aerts, C.
- Durkan, C. See Welland, M. E.
- Dutzler, Raimund; Campbell, Ernest B.; MacKinnon, Roderick: Gating the selectivity filter in CIC chloride channels. p108 4 Apr 2003.
- Dwek, Raymond A. See Calarese, Daniel A.
- Dye, Chris and Gay, Nigel: Modeling the SARS epidemic (perspective). p1884 20 June 2003.
- Dziura, James. See Petersen, Kitt Falk.

E, F, and G

- Eastman, Quinn (news): Crib death exoneration could usher in new gene tests. p1858 20 June 2003.
- U.K. probes public opposition to GM crops. p1637 13 June 2003.
- Ebbesen, Thomas W. See Richard, Cyrille.
- Eberhart-Phillips, Donna; Haeussler, Peter J.; Freymueller, Jeffrey T.; Frankel, Arthur D.; Rubin, Charles M.; Craw, Patricia; Ratchkovski, Natalia A.; Anderson, Greg; Carver, Gary A.; Crone, Anthony J.; Dawson, Timothy E.; Fletcher, Hilary; Hansen, Roger; Harp, Edwin L.; Harris, Ruth A.; Hill, David P.; Hreinsdóttir, Sigrún; Jibson, Randall W.; Jones, Lucile M.; Kayen, Robert; Keefer, David K.; Larsen, Christopher F.; Moran, Seth C.; Personius, Stephen F.; Plafker, George; Sherrod, Brian; Sieh, Kerry; Sitar, Nicholas; Wallace, Wesley K.: The 2002 Denali fault earthquake, Alaska: a large magnitude, slip-partitioned event. p1113 16 May 2003.
- Eckert, Juergen. See Rosi, Nathaniel L.
- Eddaoudi, Mohamed. See Rosi, Nathaniel L.
- Eden, Amir. See Gaudet, François.

- Eden, Amir; Gaudet, François; Waghmare, Alpina; Jaenisch, Rudolf: Chromosomal instability and tumors promoted by DNA hypomethylation. p455 18 Apr 2003.
- Edwards, Glenn S. See Hutson, M. Shane.
- Ehrenberg, Måns. See Elf, Johan.
- Ehrhardt, David W. See Shaw, Sidney L.
- Eichhorn, Bryan W. See Moses, Melanie J.
- Eiler, John M. See Tromp, Tracey K.
- Eisen, Jonathan A. and Fraser, Claire M.: Phylogenomics: intersection of evolution and genomics. p1706 13 June 2003.
- Eisenberg, Adi. See Savić, Radoslav.
- Ekman, Jan. See Baglione, Vittorio.
- El Hassani, Ahmed. See Ellwood, Brooks B.
- Elbaz, David and Cesarsky, Catherine J.: A fossil record of galaxy encounters. p270 11 Apr 2003.
- Elf, Johan; Nilsson, Daniel; Tenson, Tanel; Ehrenberg, Måns: Selective charging of tRNA isoacceptors explains patterns of codon usage. p1718 13 June 2003.
- Elledge, Stephen J. See Zou, Lee.
- Ellenbecker, Michael J. See Roelofs, Cora R.
- Ellwood, Brooks B.; Benoist, Stephen L.; El Hassani, Ahmed; Wheeler, Christopher; Crick, Rex E.: Impact ejecta layer from the mid-Devonian: possible connection to global mass extinctions. p1734 13 June 2003.
- Emery, Nathan J.: review of *Liars, Lovers, and Heroes*, by Steven R. Quartz and Terrence J. Sejnowski. p585 25 Apr 2003.
- Emslie, S. D. See Ainley, D. G.
- Enjuanes, Luis. See Holmes, Kathryn V.
- Ennos, Richard. See Petit, Rémy J.
- Enserink, Martin (news): Avian flu outbreak sets off alarm bells. p718 2 May 2003. Calling all coronavirologists. p413 18 Apr 2003. Clues to the animal origins of SARS. p1351 30 May 2003. FBI's top scientist takes the lead in forensic biology. p41 4 Apr 2003. Researcher told to stay home after China trip. p1216 23 May 2003. Searching for a SARS agenda. p1487 6 June 2003. Singapore trial halted, British scientist fired. p233 11 Apr 2003. Smallpox vaccination campaign in the doldrums. p880 9 May 2003. U.S. monkeypox outbreak traced to Wisconsin pet dealer. p1639 13 June 2003. The virus collector. p1228 23 May 2003. WHO wants 21st-century reporting regs. p717 2 May 2003.
- Enserink, Martin and Vogel, Gretchen (news): Deferring competition, global net closes in on SARS. p224 11 Apr 2003. Hungry for details, scientists zoom in on SARS genomes. p715 2 May 2003.
- Enzelberger, Markus. See Groisman, Alex.
- Eppig, John J. See Burns, Kathleen H.
- Epshtein, Vitaly and Nudler, Evgeny: Cooperation between RNA polymerase molecules in transcription elongation. p801 2 May 2003.
- Erdman, Dean D. See Rota, Paul A.
- Eres, Gyula. See Chisholm, Matthew F.
- Ertl, Gerhard. See Cirak, Fehmi.
- Escartin, Javier: Differing views on science in Spain (letter). p51 4 Apr 2003.
- Esparza, Jose. See Klausner, Richard D.
- Estivill, Xavier. See Scherer, Stephen W.
- Evenson, R. E. and Gollin, D.: Assessing the impact of the Green Revolution, 1960 to 2000. p758 2 May 2003.
- Excoffier, Laurent and Hamilton, Grant: Comment on "Genetic structure of human populations" (technical comment). p1877 20 June 2003. www.sciencemag.org/cgi/content/full/300/5627/1877b.
- Ezaki, Takayuki. See Kuo, Anling.
- Fache, Marie-Pierre. See Garrido, Juan José.
- Favre, Bruno; Grégoire, Arnaud; Prévault, Marina; Cézilly, Frank; Sorci, Gabriele: Immune activation rapidly mirrored in a secondary sexual trait. p103 4 Apr 2003.
- Falkow, Stanley: Science publishing and security concerns (letter). p737 2 May 2003.
- Falkow, Stanley. See Amieva, Manuel R.
- Falkowski, Paul: Remembering great mentors (letter). p901 9 May 2003.
- Falluel-Morel, Anthony. See Vaudry, David.
- Fan, Xiaohui: Black holes at the cosmic dawn (perspective). p752 2 May 2003.
- Fang, Jia. See Plath, Kathrin.
- Farra, Chantal G. See Scherer, Stephen W.
- Fauci, Anthony S. See Klausner, Richard D.
- Feldman, Marcus W. See Rosenberg, Noah A.
- Feldmann, Heinz. See Marra, Marco A.
- Fellmeth, Aaron X. See Demaine, Linda J.
- Feng, Xiaorong. See Joy, Deirdre A.
- Ferguson, Heather. See Scherer, Stephen W.
- Ferguson, Neil M. See Riley, Steven.
- Fernandes, Fanny. See Garrido, Juan José.
- Fernandez, Bridget A. See Scherer, Stephen W.
- Fernando, Lisa. See Marra, Marco A.
- Fettinger, James C. See Moses, Melanie J.
- Fineschi, Silvia. See Petit, Rémy J.
- Finlay, Christopher C. and Jackson, Andrew: Equatorially dominated magnetic field change at the surface of Earth's core. p2084 27 June 2003.
- Finney, Lydia A. and O'Halloran, Thomas V.: Transition metal speciation in the cell: insights from the chemistry of metal ion receptors. p931 9 May 2003.
- Fiquet, Guillaume. See Badro, James.
- Fish, Durland. See Brei, Brandon.
- Fisher, Elizabeth M. C. See Hafezparast, Majid. See also Mead, Simon.
- Fisman, David. See Lipsitch, Marc.
- Fitter, Alastair H. See Staddon, Philip L.
- Fleitmann, Dominik; Burns, Stephen J.; Mudelsee, Manfred; Neff, Ulrich; Kramers, Jan; Mangini, Augusto; Matter, Albert: Holocene forcing of the Indian monsoon recorded in a stalagmite from southern Oman. p1737 13 June 2003.
- Fletcher, Hilary. See Eberhart-Phillips, Donna.
- Flick, Ramon. See Marra, Marco A.
- Folberth, Gerd. See Janssens, Ivan A.
- Folkner, W. M. See Yoder, C. F.
- Forkey, Joseph N. See Yildiz, Ahmet.
- Forman, Mark S. See Giasson, Benoit I.
- Fouchier, Ron. See Rota, Paul A.
- Foulger, G. R. and Natland, J. H.: Is "hotspot" volcanism a consequence of plate tectonics? (perspective). p921 9 May 2003.
- Foy, Eileen; Li, Kui; Wang, Chunfu; Sumpter, Rhea, Jr.; Ikeda, Masanori; Lemon, Stanley M.; Gale, Michael, Jr.: Regulation of interferon regulatory factor-3 by the hepatitis C virus serine protease. p1145 16 May 2003.
- Frace, Michael. See Rota, Paul A.
- Frail, Donald E. See Burns, Kathleen H.
- Francis, Donald P. See Klausner, Richard D.
- Frank, Joachim. See Valle, Mikel.
- Frank, Loren M. See Wirth, Sylvia.
- Frankel, Arthur D. See Eberhart-Phillips, Donna.
- Fraser, Christophe. See Riley, Steven.
- Fraser, Claire M. See Eisen, Jonathan A.
- Fraser, W. R. See Ainley, D. G.
- Frazier, Marvin E.; Johnson, Gary M.; Thomassen, David G.; Oliver, Carl E.; Patrinos, Aristides: Realizing the potential of the genome revolution: the Genomes to Life program. p290 11 Apr 2003.
- Fredrick, Kurt and Noller, Harry F.: Catalysis of ribosomal translocation by sparsomycin. p1159 16 May 2003.
- Freeman, Doug. See Marra, Marco A.
- Freybauer, Annette. See Janssens, Ivan A.
- Freymueller, Jeffrey T. See Eberhart-Phillips, Donna.
- Friedman, Jan M. See Scherer, Stephen W.
- Frommer, Wolf B.; Schulze, Waltraud X.; Lalonde, Sylvie: Hexokinase, jack-of-all-trades (perspective). p261 11 Apr 2003.
- Froy, Oren; Gotter, Anthony L.; Casselman, Amy L.; Reppert, Steven M.: Illuminating the circadian clock in monarch butterfly migration. p1303 23 May 2003.
- Fruchart, Olivier. See Renaud, Gilles.
- Fry, Steven N.; Sayaman, Rosalyn; Dickinson, Michael H.: The aerodynamics of free-flight maneuvers in *Drosophila*. p495 18 Apr 2003.
- Fuchs, Helmut. See Hafezparast, Majid.
- Fuchs, Robert P. See Pagès, Vincent.
- Fuhrmann, Guy. See Hübner, Karin.
- Fukami, Kimio. See Tsuda, Atsushi.
- Fuks, Zvi. See Garcia-Barros, Monica.
- Fukushima, Takanori; Kosaka, Atsuko; Ishimura, Yoji; Yamamoto, Takashi; Takigawa, Toshikazu; Ishii, Noriyuki; Aida, Takuzo: Molecular ordering of organic molten salts triggered by single-walled carbon nanotubes. p2072 27 June 2003.
- Fuller, Patrick. See Yao, Meng-Chao.
- Fulton, Janet E. and Delany, Mary E.: Poultry genetic resources—operation rescue needed. p1667 13 June 2003.
- Furuta, Tadahiko. See Saito, Takashi.
- Furuya, Tetsuya. See Joy, Deirdre A.
- Gage, Fred H. See Brivanlou, Ali H.
- Galas, David J. and Riggs, Henry: Global science and U.S. security (editorial). p1847 20 June 2003.
- Gale, Michael, Jr. See Foy, Eileen.
- Gálvez, José A. See Muñoz-Pinedo, Cristina.
- Gambardella, P.; Rusponi, S.; Veronesi, M.; Dhesi, S. S.; Grazioli, C.; Dallmeyer, A.; Cabria, I.; Zeller, R.; Dederichs, P. H.; Kern, K.; Carbone, C.; Brune, H.: Giant magnetic anisotropy of single cobalt atoms and nanoparticles. p1130 16 May 2003.
- Ganguly, N. K. See Klausner, Richard D.
- Gao, Feng. See Bailes, Elizabeth.
- Gao, M. See Zuo, J. M.
- Gao, Xianming. See Wu, Jianguo.
- Garbutt, Michael. See Marra, Marco A.
- Garcia, K. Christopher. See Boulanger, Martin J.
- Garcia-Barros, Monica; Paris, Francois; Cordon-Cardo, Carlos; Lyden, David; Rafii, Shahin; Haimovitz-Friedman, Adriana; Fuks, Zvi; Kolesnick, Richard: Tumor response to radiotherapy regulated by endothelial cell apoptosis. p1155 16 May 2003.
- Garcia-Sanchez, Marta. See Muñoz-Pinedo, Cristina.
- Garrido, Juan José; Giraud, Pierre; Carlier, Edmond; Fernandes, Fanny; Moussif, Anissa; Fache, Marie-Pierre; Debanne, Dominique; Dargent, Bénédicte: A targeting motif involved in sodium channel clustering at the axonal initial segment. p2091 27 June 2003.
- Garsin, Danielle A.; Villanueva, Jacinto M.; Begun, Jakob; Kim, Dennis H.; Sifri, Costi D.; Calderwood, Stephen B.; Ruvkun, Gary; Ausubel, Frederick M.: Long-lived *C. elegans daf-2* mutants are resistant to bacterial pathogens. p1921 20 June 2003.
- Gaudet, François. See Eden, Amir.
- Gaudet, François Hodgson, J. Graeme; Eden, Amir; Jackson-Grusby, Laurie; Dausman, Jessica; Gray, Joe W.; Leonhardt, Heinrich; Jaenisch, Rudolf: Induction of tumors in mice by genomic hypomethylation. p489 18 Apr 2003.
- Gay, Nigel. See Dye, Chris.
- Gayle, Helene. See Klausner, Richard D.
- Gazit, Ehud. See Reches, Meital.
- Geballe, Thomas R. See Griffith, Caitlin A.
- Gedik, N.; Orenstein, J.; Liang, Ruixing; Bonn, D. A.; Hardy, W. N.: Diffusion of nonequilibrium

- quasi-particles in a cuprate superconductor. p1410 30 May 2003.
- Gentles, Simone. See Scherer, Stephen W.
- Geohagan, David B. See Chisholm, Matthew F.
- Georgiou, George and Masip, Lluis: An overoxidation journey with a return ticket (perspective). p592 25 Apr 2003.
- Gerard, Bénédicte. See Bjedov, Ivana.
- Gerardot, Brian. See Melosh, Nicholas A.
- Gerberding, Julie Louise. See Klausner, Richard D.
- Gerstein, Mark. See Snyder, Michael.
- Ghani, Azra C. See Riley, Steven.
- Ghosh, S.; Sood, A. K.; Kumar, N.: Carbon nanotubes provide a charge (letter). p1235 23 May 2003.
- Giardini, Domenico. See van der Meijde, Mark.
- Giasson, Benoit I.; Forman, Mark S.; Higuchi, Makoto; Golbe, Lawrence I.; Graves, Charles L.; Kotzbauer, Paul T.; Trojanowski, John Q.; Lee, Virginia M.-Y.: Initiation and synergistic fibrillation of tau and alpha-synuclein. p636 25 Apr 2003.
- Gibbons, Ann (news): First modern remains in Europe. p894 9 May 2003. Great age suggested for South African hominids. p562 25 Apr 2003. A miss for moderns and neandertals. p893 9 May 2003. Oldest members of *Homo sapiens* discovered in Africa. p1641 13 June 2003. A shrunken head for African *Homo erectus*. p893 9 May 2003.
- Gilbert, M. Thomas P. See Willerslev, Eske.
- Gilichinsky, David A. See Willerslev, Eske.
- Gillet, Reynald. See Valle, Mikel.
- Gimzewski, J. K. See Welland, M. E.
- Girardin, Stephen E.; Boneca, Ivo G.; Carneiro, Leticia A. M.; Antignac, Aude; Jehanno, Muguette; Viala, Jérôme; Tedin, Karsten; Taha, Mohamed-Kheir; Labigne, Agnès; Zähringer, Ulrich; Coyle, Anthony J.; DiStefano, Peter S.; Bertin, John; Sansonetti, Philippe J.; Philpott, Dana J.: Nod1 detects a unique muropeptide from gram-negative bacterial peptidoglycan. p1584 6 June 2003.
- Giraud, Pierre. See Garrido, Juan José.
- Girn, Noreen. See Marra, Marco A.
- Gittleman, John L. See Mace, Georgina M.
- Glabe, Charles G. See Kaye, Rakez.
- Gladyshev, Vadim N. See Kryukov, Gregory V.
- Gleiter, H. See Weissmüller, J.
- Gluckman, Peter D. See Bloomfield, Frank H.
- Godfray, H. C. J.: review of *Sex Ratios*, by Ian C. W. Hardy, ed. p1237 23 May 2003.
- Golas, Monika M.; Sander, Bjoern; Will, Cindy L.; Lüthmann, Reinhard; Stark, Holger: Molecular architecture of the multiprotein splicing factor SF3b. p980 9 May 2003.
- Golbe, Lawrence I. See Giasson, Benoit I.
- Goldberg, Ilya. See Swedlow, Jason R.
- Goldman, Yale E. See Yildiz, Ahmet.
- Goldoni, A. See Yang, W. L.
- Goldstein, David. See Mead, Simon.
- Goldstrohm, Aaron. See Wickens, Marvin.
- Gollin, D. See Evenson, R. E.
- Golombek, Matthew P.: The surface of Mars: not just dust and rocks (perspective). p2043 27 June 2003.
- Gomberg, Joan. See Larson, Kristine M.
- Gönczy, Pierre. See Colombo, Kelly.
- Gonzalez, Bruno J. See Vaudry, David.
- Gopalakrishna, Gowri. See Lipsitch, Marc.
- Gordon, Heather L. See Adams, Reginald B., Jr.
- Gorelick, Noel. See Christensen, Philip R.
- Gosman, Gabriella. See Simerly, Calvin.
- Gotter, Anthony L. See Froy, Oren.
- Gotthardt, Michael. See Boucher, Philippe.
- Goud, Bruno. See Nizak, Clément.
- Gough, Julian. See Chothia, Bryan.
- Gough, Nancy R. See Ray, L. Bryan.
- Gowen, Lori C.; Avrutskaya, Anna V.; Latour, Anne M.; Koller, Beverly H.; Leadon, Steven A.: Retraction (letter). p1657 13 June 2003.
- Grainger-Monsen, Maren. See Cho, Mildred.
- Grammer, Jean. See Naber, Nariman.
- Grandvaux, Nathalie. See Sharma, Sonia.
- Granger, D. E. See Partridge, T. C.
- Gratkowski, Holly. See Li, Renhao.
- Graves, Charles L. See Giasson, Benoit I.
- Gray, Colin. See Zicha, Daniel.
- Gray, Joe W. See Gaudet, François.
- Gray, Michael. See Marra, Marco A.
- Grazioli, C. See Gambardella, P.
- Grebe, Theresa A. See Scherer, Stephen W.
- Greco, Alessandro (news): From bench to boardroom: promoting Brazilian biotech. p1366 30 May 2003.
- Green, Christopher. See Hoffert, Martin I.
- Green, Gopa. See Kim, Jeong M.
- Grégoire, Arnaud. See Faivre, Bruno.
- Griffith, Caitlin A.; Owen, Tobias; Geballe, Thomas R.; Rayner, John; Rannou, Pascal: Evidence for the exposure of water ice on Titan's surface. p628 25 Apr 2003.
- Griffith, Obi L. See Marra, Marco A.
- Grill, Stephan W. See Colombo, Kelly.
- Gripp, Karen W. See Scherer, Stephen W.
- Grivet, Delphine. See Petit, Rémy J.
- Groisman, Alex; Enzelberger, Markus; Quake, Stephen R.: Microfluidic memory and control devices. p955 9 May 2003.
- Grolla, Allen. See Marra, Marco A.
- Grossman, Steven R.; Deato, Maria E.; Brignone, Chrystelle; Chan, Ho Man; Kung, Andrew L.; Tagami, Hideaki; Nakatani, Yoshihiro; Livingston, David M.: Polyubiquitination of p53 by a ubiquitin ligase activity of p300. p342 11 Apr 2003.
- Grübler, Arnulf. See O'Neill, Brian.
- Grünewald, Uwe. See Becker, Alfred.
- Grzeschik, Karl-Heinz. See Scherer, Stephen W.
- Gu, Lianhong: Comment on "Climate and management contributions to recent trends in U.S. agricultural yields" (technical comment). p1505 6 June 2003. www.sciencemag.org/cgi/content/full/300/5625/1505b.
- Gu, Zhiping. See Scherer, Stephen W.
- Gubrud, M. A. See Berkley, A. J.
- Guérin-Mailly, Sandrine. See Champion, Yannick.
- Guigó, Roderic. See Kryukov, Gregory V.
- Gulbis, Jacqueline M. See Kuo, Anling.
- Gundersen, Gregg G. and Bretscher, Anthony: Microtubule asymmetry (perspective). p2040 27 June 2003.
- Günther, Stephan. See Rota, Paul A.
- Gupta, S.; Hadzibabic, Z.; Zwierlein, M. W.; Stan, C. A.; Diekmann, K.; Schunck, C. H.; van Kempen, E. G. M.; Verhaar, B. J.; Ketterle, W.: Radio-frequency spectroscopy of ultracold fermions. p1723 13 June 2003.
- Gusella, James F. See Scherer, Stephen W.
- Guyot, François. See Badro, James.
- Guyot-Sionnest, Philippe. See Yu, Dong.
- Gwinn-Hardy, Katrina. See Hardy, John.
- Martin; Korthaus, Dirk; Wattler, Sigrid; Wabnitz, Philipp; Dickneite, Carmen; Lampel, Stefan; Boehme, Florian; Peraus, Gisela; Popp, Andreas; Rudelius, Martina; Schlegel, Juergen; Fuchs, Helmut; de Angelis, Martin Hrabec; Schiavo, Giampietro; Shima, David T.; Russ, Andreas P.; Stumm, Gabriele; Martin, Joanne E.; Fisher, Elizabeth M. C.: Mutations in dynein link motor neuron degeneration to defects in retrograde transport. p808 2 May 2003.
- Häggsström, Therese. See Schmitz, Birger.
- Hahn, Beatrice H. See Bailes, Elizabeth.
- Haimovitz-Friedman, Adriana. See Garcia-Barros, Monica.
- Hall, Qi. See Moore, Brandon.
- Halloran, M. Elizabeth and Longini, Ira M., Jr.: Smallpox bioterror response (letter). p1503 6 June 2003.
- Hamara, D. See Mitrofanov, I. G.
- Hamilton, Grant. See Excoffier, Laurent.
- Hamilton, Victoria E. See Christensen, Philip R.
- Han, Jie. See Ng, Hou T.
- Han, Nianying. See Liu, Jianguo.
- Han, Wei-Qiang. See Mickelson, W.
- Han, Xingxiao. See Wu, Jianguo.
- Hance, Allan J. See Lecossier, Denise.
- Hansen, Anders J. See Willerslev, Eske.
- Hansen, Roger. See Eberhart-Phillips, Donna.
- Hanson, Erica M. See Kelly-Welch, Ann E.
- Harding, Jane E. See Bloomfield, Frank H.
- Hardy, John; Singleton, Andrew; Gwinn-Hardy, Katrina: Ethnic differences and disease phenotypes (letter). p739 2 May 2003.
- Hardy, W. N. See Gedik, N.
- Harich, Steven A. See Dai, Dongxu.
- Harp, Edwin L. See Eberhart-Phillips, Donna.
- Harris, Ruth A. See Eberhart-Phillips, Donna.
- Hartl, Daniel L. See Ranz, José M.
- Harvey, C. F.; Swartz, C.; Badruzzaman, A. B. M.; Keon-Blute, N.; Yu, W.; Ali, M. A.; Jay, J.; Beckie, R.; Niedan, V.; Brabander, D.; Oates, P.; Ashfaque, K.; Islam, S.; Hemond, H.; Ahmed, M. F.: Response to comments on "Arsenic mobility and groundwater extraction in Bangladesh" (technical comment). p584 25 Apr 2003. www.sciencemag.org/cgi/content/full/300/5619/584d.
- Harwit, Alex. See Harwit, Martin.
- Harwit, Martin; Bland-Hawthorn, Joss; Harwit, Alex: Communication from space: radio and optical (letter). p901 9 May 2003.
- Hashimoto, Hirofumi. See Nemani, Ramakrishna R.
- Hasnaoui, A.; Van Swygenhoven, H.; Derlet, P. M.: Dimples on nanocrystalline fracture surfaces as evidence for shear plane formation. p1550 6 June 2003.
- Hastings, P. J. See Rosenberg, Susan M.
- Hatzidimitriou, George. See Ricaurte, George A.
- Hauge, Robert. See Chisholm, Matthew F.
- Hawkins, Ashton: Protecting Iraqi antiquities (letter). p737 2 May 2003.
- Hawkins, Paul. See Bloomfield, Frank H.
- Haynes, Barton F. See Klausner, Richard D.
- Head, Elizabeth. See Kaye, Rakez.
- Heath, James R. See Melosh, Nicholas A.
- Hedley, Anthony J. See Riley, Steven.
- Heintzenberg, Jost. See Anderson, Theodore L.
- Heinze, S. See Misewich, J. A.
- Hellberg, Michael E. See Taylor, Michael S.
- Hellemans, Alexander. See Bohannon, John.
- Hellemans, Alexander and Seife, Charles (news): Environmental report paralyzes Italian neutrino lab. p1634 13 June 2003.
- Helmuth, Laura (news): Fear and trembling in the amygdala. p568 25 Apr 2003.
- Helmuth, Laura. See Hurtley, Stella M.
- Hemker, Kevin J. See Chen, Mingwei.
- Hemond, H. See Harvey, C. F.
- Henderson, A. Scott: review of *Fuel for Growth*, by

H, I, and J

- Ha, Taekjip. See Yildiz, Ahmet.
- Haddad, May. See Scherer, Stephen W.
- Hadzibabic, Z. See Gupta, S.
- Haeussler, Peter J. See Eberhart-Phillips, Donna.
- Hafezparast, Majid; Klocke, Rainer; Ruhrberg, Christiana; Marquardt, Andreas; Ahmad-Annar, Azlina; Bowen, Samantha; Lalli, Giovanna; Witherden, Abi S.; Hummerich, Holger; Nicholson, Sharon; Morgan, P. Jeffrey; Oozageer, Ravi; Priestley, John V.; Averil, Sharon; King, Von R.; Ball, Simon; Peters, Jo; Toda, Takashi; Yamamoto, Ayumu; Hiraoka, Yasushi; Augustin,

- Douglas E. Kupel. p1238 23 May 2003.
- Heng, Henry H. Q. See Scherer, Stephen W.
- Henne, Anke. See Valle, Mikael.
- Henry, Claude R. See Renaud, Gilles.
- Herbrick, Jo-Anne. See Scherer, Stephen W.
- Heritage, John: Super sunflowers—stopping the rot? (perspective). p1243 23 May 2003.
- Herrick, Steven R. See Scherer, Stephen W.
- Herz, Joachim. See Boucher, Philippe.
- Herzig, Stephan. See Du, Keyong.
- Herzog, Erik D. See Van Gelder, Russell N.
- Herzog, Howard. See Hoffert, Martin I.
- Heuser, John: "My little spontaneous blips" (perspective). p1248 23 May 2003.
- Hewitson, Laura. See Simerly, Calvin.
- Hicks, Jason F. See Wilf, Peter.
- Higgins, Anne W. See Scherer, Stephen W.
- Higuchi, Makoto. See Giasson, Benoit I.
- Hikichi, Shiro. See Kamata, Keigo.
- Hilgenfeld, Rolf. See Anand, Kanchan.
- Hill, David P. See Eberhart-Phillips, Donna.
- Hines, Pamela J.: review of *A Passion for Plants*, by Shirley Sherwood. p2034 27 June 2003. review of *A Passion for Plants*, Contemporary Art from the Shirley Sherwood Collection. p2034 27 June 2003.
- Hinuma, Akira. See Tsuda, Atsushi.
- Hirano, Masahiro. See Nomura, Kenji.
- Hiraoka, Yasushi. See Hafezparast, Majid.
- Hiscott, John. See Sharma, Sonia.
- Ho, Lai-Ming. See Riley, Steven.
- Ho, May. See Joy, Deirdre A.
- Ho, William. See Riley, Steven.
- Hoagland, Porter: Exploring sea-floor resources (letter). p1093 16 May 2003.
- Hodgson, J. Graeme. See Gaudet, François.
- Hoffert, Martin I.; Caldeira, Ken; Benford, Gregory; Volk, Tyler; Criswell, David R.; Green, Christopher; Herzog, Howard; Jain, Atul K.; Khesghi, Haroon S.; Lackner, Klaus S.; Lewis, John S.; Lightfoot, H. Douglas; Manheimer, Wallace; Mankins, John C.; Mauel, Michael E.; Perkins, L. John; Schlesinger, Michael E.; Wigley, Tom M. L.: Planning for future energy resources (letter). p581 25 Apr 2003.
- Holden, Constance (news): Careful use of race is OK, high court tells colleges. p2012 27 June 2003. Cells find destiny though merger. p35 4 Apr 2003. Dates boost conventional wisdom about Solomon's splendor. p229 11 Apr 2003. Excited by glutamate. p1866 20 June 2003. First cloned mule races to finish line. p1354 30 May 2003.
- Holland, Nicholas D. See Mallart, Jon.
- Holliday, Vance T.: review of *The Early Settlement of North America*, by Gary Haynes. p1373 30 May 2003.
- Holloway, Brian. See Rota, Paul A.
- Holmes, Kathryn V. and Enjuanes, Luis: The SARS coronavirus: a postgenomic era (perspective). p1377 30 May 2003.
- Holmes, Philip. See Cirak, Fehmi.
- Holt, Mark R. See Zicha, Daniel.
- Holt, Robert A. See Marra, Marco A.
- Hope, Thomas J. See McDonald, David.
- Hopson, Theresa J. See Ramachandran, Ganesh K.
- Hörnberg, Greger. See Wardle, David A.
- Hosono, Hideo. See Nomura, Kenji.
- Howard, James B. See Rees, Douglas C.
- Hreinsdóttir, Sigrún. See Eberhart-Phillips, Donna.
- Hsu, Ao-Lin; Murphy, Coleen T.; Kenyon, Cynthia: Regulation of aging and age-related disease by DAF-16 and heat-shock factor. p1142 16 May 2003.
- Hu, Chuan; Ahmed, Mahiuddin; Melia, Thomas J.; Söllner, Thomas H.; Mayer, Thomas; Rothman, James E.: Fusion of cells by flipped SNAREs. p1745 13 June 2003.
- Huang, Jianhui. See Wu, Jianguo.
- Hubbell, Jeffrey A.: Enhancing drug function (perspective). p595 25 Apr 2003.
- Huber, G. W.; Shabaker, J. W.; Dumesic, J. A.: Raney Ni-Sn catalyst for H₂ production from biomass-derived hydrocarbons. p2075 27 June 2003.
- Huberman, Andrew D.; Wang, Guo-Yong; Liets, Lauren C.; Collins, Odell A.; Chapman, Barbara; Chalupa, Leo M.: Eye-specific retinogeniculate segregation independent of normal neuronal activity. p994 9 May 2003.
- Hübner, Karin; Fuhrmann, Guy; Christenson, Lane K.; Kehler, James; Reinbold, Rolland; De La Fuente, Rabindranath; Wood, Jennifer; Strauss, Jerome F., III; Boiani, Michele; Schöler, Hans R.: Derivation of oocytes from mouse embryonic stem cells. p1251 23 May 2003.
- Hudek, Alexander K. See Scherer, Stephen W.
- Huganir, Richard L. See Chung, Hee Jung.
- Hui, Chi-Chung. See Crackower, Michael A.
- Hummerich, Holger. See Hafezparast, Majid.
- Hunt, James H.: Cryptic herbivores of the rainforest canopy (perspective). p916 9 May 2003.
- Hunt, Tim. See Moore, Jonathan D.
- Hurtley, Stella M. and Helmuth, Laura (news): The future looks bright. ... p75 4 Apr 2003.
- Hussain, Z. See Yang, W. L.
- Hutjes, Ronald W. A. See Janssens, Ivan A.
- Hutson, M. Shane; Tokutake, Yoichiro; Chang, Ming-Shien; Bloor, James W.; Venakides, Stephanos; Kiehart, Daniel P.; Edwards, Glenn S.: Forces for morphogenesis investigated with laser microsurgery and quantitative modeling. p145 4 Apr 2003.
- Hwang, Ildoo. See Moore, Brandon.
- Hwang, Jung-Hwan. See Saito, Takashi.
- Hwang, Sung Chul. See Woo, Hyun Ae.
- Hynes, Richard O.: Changing partners (perspective). p755 2 May 2003.
- Hýtch, Martin J. See Champion, Yannick.
- Icenogle, Joseph P. See Rota, Paul A.
- Iguchi, Satoru. See Sudou, Hiroshi.
- Ikeda, Masanori. See Foy, Eileen.
- Ikehata, Hideaki. See Saito, Takashi.
- Ikuhara, Yuuichi. See Saito, Takashi.
- Imai, Keiri. See Tsuda, Atsushi.
- INDEPTH III Seismic Team. See Tilmann, Frederick.
- Ineson, Philip. See Staddon, Philip L.
- Inguscio, Massimo: How to freeze out collisions (perspective). p1671 13 June 2003.
- Irion, Robert (news): Do some galaxies lack shrouds of dark matter? p233 11 Apr 2003. Gamma ray bursts get magnetic. p1499 6 June 2003. Hubble prepares to go really deep. p1498 6 June 2003. The Milky Way's dark, starving pit. p1356 30 May 2003. Snapshots from the meeting. p1499 6 June 2003. The warped side of dark matter. p1894 20 June 2003. When do planets form? Inquiring astronomers want to know. p1498 6 June 2003.
- Ishii, Noriyuki. See Fukushima, Takanori.
- Ishimura, Yoji. See Fukushima, Takanori.
- Islam, S. See Harvey, C. F.
- Ito, Isao. See Kawakami, Ryosuke.
- Ito, Kazuhiko. See Saito, Takashi.
- Ivanov, Anton. See Christensen, Philip R.
- Ivry, Richard B. See Spencer, Rebecca M. C.
- Iwamoto, Chihiro. See Saito, Takashi.
- Jablonski, David; Roy, Kaustuv; Valentine, James W.; Price, Rebecca M.; Anderson, Philip S.: The impact of the pull of the recent on the history of marine diversity. p1133 16 May 2003.
- Jackson, Andrew. See Finlay, Christopher C.
- Jackson, Timothy A. See Schotte, Friedrich.
- Jackson-Grusby, Laurie. See Gaudet, François.
- Jacobsen, Stein B.: How old is planet Earth? (perspective). p1513 6 June 2003.
- Jaenisch, Rudolf. See Brivanlou, Ali H. See also Eden, Amir. See also Gaudet, François.
- Jain, Atul K. See Hoffert, Martin I.
- Jain, Sumeet and Bates, Frank S.: On the origins of morphological complexity in block copolymer surfactants. p460 18 Apr 2003.
- Jakosky, Bruce M. See Christensen, Philip R.
- James, Lyn. See Lipsitch, Marc.
- Janssens, Ivan A.; Freibauer, Annette; Ciais, Philippe; Smith, Pete; Nabuurs, Gert-Jan; Folberth, Gerd; Schlamadinger, Bernhard; Hutjes, Ronald W. A.; Ceulemans, Reinhart; Schulze, E.-Detlef; Valentini, Riccardo; Dolman, A. Johannes: Europe's terrestrial biosphere absorbs 7 to 12% of European anthropogenic CO₂ emissions. p1538 6 June 2003.
- Jasny, Barbara R. See Sugden, Andrew M.
- Jasny, Barbara R. and Roberts, Leslie (news): Building on the DNA revolution. p277 11 Apr 2003.
- Jay, J. See Harvey, C. F.
- Jeffares, Daniel C. See Mourier, Tobias.
- Jéhanno, Muguette. See Girardin, Stephen E.
- Jellinek, Michael S.: Psychiatric drugs and children (letter). p901 9 May 2003.
- Jenal, Urs. See Ackermann, Martin.
- Jeong, Sangho. See Nishihama, Ryuichi.
- Jerome, Lisa. See Mithoefer, Michael.
- Jessell, Thomas. See Brivanlou, Ali H.
- Jiang, Xin. See Zhang, Guangyu.
- Jibson, Randall W. See Eberhart-Phillips, Donna.
- Jimenez-Sanchez, Gerardo: Developing a platform for genomic medicine in Mexico. p295 11 Apr 2003.
- Johanson, Zerina. See Meredith Smith, Moya.
- Johns, Glenn C. See Sanford, Eric.
- Johnson, Catherine L.; Constable, Catherine G.; Tauxe, Lisa: Mapping long-term changes in Earth's magnetic field (perspective). p2044 27 June 2003.
- Johnson, Gary M. See Frazier, Marvin E.
- Johnson, Kirk R. See Wilf, Peter.
- Johnson, Marie P. See Chisholm, Matthew F.
- Johnson, P. R. See Berkley, A. J.
- Johnston, Margaret I. See Klausner, Richard D.
- Jolly, William M. See Nemani, Ramakrishna R.
- Jonas, David M.: Optical analogs of 2D NMR (perspective). p1515 6 June 2003.
- Jones, Christopher W.: Zeolites go organic (perspective). p439 18 Apr 2003.
- Jones, Craig H.: How faults accommodate plate motion (perspective). p1105 16 May 2003.
- Jones, Lucile M. See Eberhart-Phillips, Donna.
- Jones, N. See Notholt, J.
- Jones, Steven. See Marra, Marco A.
- Jones, Steven J. M. See Marra, Marco A.
- Jones, Tamara. See Moore, Brandon.
- Joy, Deirdre A.; Feng, Xiaorong; Mu, Jianbing; Furuya, Tetsuya; Chotivanich, Kesinee; Krettli, Antoniana U.; Ho, May; Wang, Alex; White, Nicholas J.; Suh, Edward; Beerli, Peter; Su, Xin-zhuan: Early origin and recent expansion of *Plasmodium falciparum*. p318 11 Apr 2003.
- Julius, David. See Prescott, Elizabeth D.
- Jupille, Jacques. See Renaud, Gilles.

K

- Kabani, Amin. See Marra, Marco A.
- Kaech, Susan M. and Ahmed, Rafi: CD8 T cells remember with a little help (perspective). p263 11 Apr 2003.
- Kagan, Jerome. See Schwartz, Carl E.
- Kahn, S. M. See Beiersdorfer, P.
- Kaiser, Jocelyn (news): African-American population biobank proposed. p1485 6 June 2003. A call from downtown to shed staff, authority. p877 9 May 2003. Ebola, hunting push ape populations

- to the brink. p232 11 Apr 2003. House bill signals the end of NIH's double-digit growth. p2019 27 June 2003. Industry groups petition for data on salt and hypertension. p1350 30 May 2003. An intimate knowledge of trees. p566 25 Apr 2003. Manganese: a high-octane dispute. p926 9 May 2003. Out of the frying pan into the MRC. p1230 23 May 2003. Rubin to head Hughes Institute's new 'farm'. p879 9 May 2003. State court to rule on manganese fume claims. p927 9 May 2003. Studies of gay men, prostitutes come under scrutiny. p403 18 Apr 2003. Tying genetics to the risk of environmental diseases. p563 25 Apr 2003.
- Kaiser, Jocelyn. See Mervis, Jeffrey.
- Kalela-Brundin, Maarit. See Wardle, David A.
- Kamata, Keigo; Yonehara, Koji; Sumida, Yasutaka; Yamaguchi, Kazuya; Hikichi, Shiro; Mizuno, Noritaka: Efficient epoxidation of olefins with $\geq 99\%$ selectivity and use of hydrogen peroxide. p964 9 May 2003.
- Kamiya, Toshio. See Nomura, Kenji.
- Kamyar, Roheena. See Shaw, Sidney L.
- Kanamori, Hiroo. See Allen, Richard M.
- Kaneko, Hiroyuki. See Crackower, Michael A.
- Kanematsu, Emiko. See Scherer, Stephen W.
- Kang, Sang Won. See Woo, Hyun Ae.
- Kaplan, Edward H. and Wein, Lawrence M.: Small-pox bioterror response (letter). p1503 6 June 2003.
- Karl, Herman A. and Turner, Christine E.: Incorporating science into decision-making (letter). p1370 30 May 2003.
- Karplus, P. Andrew. See Wood, Zachary A.
- Katinger, Hermann. See Calarese, Daniel A.
- Kato, Yuichiro. See Kawakami, Ryosuke.
- Kaur, Sukhjit. See Valle, Mikel.
- Kawai, Yasuhiro. See Crackower, Michael A.
- Kawakami, Ryosuke; Shinohara, Yoshiaki; Kato, Yuichiro; Sugiyama, Hiroyuki; Shigemoto, Ryuchi; Ito, Isao: Asymmetrical allocation of NMDA receptor $\epsilon 2$ subunits in hippocampal circuitry. p990 9 May 2003.
- Kawaler, Steven D.: Taking the pulse of a massive star (perspective). p1885 20 June 2003.
- Kay, Richard F. See Kirk, E. Christopher.
- Kayed, Rakez; Head, Elizabeth; Thompson, Jennifer L.; McIntire, Theresa M.; Milton, Saskia C.; Cotman, Carl W.; Glabe, Charles G.: Common structure of soluble amyloid oligomers implies common mechanism of pathogenesis. p486 18 Apr 2003.
- Kayen, Robert. See Eberhart-Phillips, Donna.
- Kazatchkine, Michel D. See Klausner, Richard D.
- Keating, Amy E. See Newman, John R. S.
- Keefer, David K. See Eberhart-Phillips, Donna.
- Keegan, Achshah D. See Kelly-Welch, Ann E.
- Keeling, Charles D. See Nemani, Ramakrishna R.
- Kehler, James. See Hübnér, Karin.
- Keimer, Bernhard: Broken Cooper pairs caught bouncing around (perspective). p1381 30 May 2003.
- Kellar, S. A. See Yang, W. L.
- Keller, Lindsay P. See Messenger, Scott.
- Kelley, R. L. See Beiersdorfer, P.
- Kelly, Jeffery W. See Calarese, Daniel A.
- Kelly-Welch, Ann E.; Hanson, Erica M.; Boothby, Mark R.; Keegan, Achshah D.: Interleukin-1 and interleukin-13 signaling connections maps. p1527 6 June 2003.
- Kennedy, Donald (editorials): AIDS and Africa: still a sad story. p1053 16 May 2003. Committed to the best science? p1201 23 May 2003. DNA: one teacher's reflection. p213 11 Apr 2003. Happy birthday, *Science international*. p1475 6 June 2003. Research fraud and public policy. p393 18 Apr 2003. Stem cells: still here, still waiting. p865 9 May 2003.
- Kennedy, Donald (letters): Editorial retraction (I). p737 2 May 2003. Editorial retraction (II). p737 2 May 2003. Research fraud, public policy, and gun control. p1505 6 June 2003. Science publishing and security concerns. p737 2 May 2003.
- Kennedy, Scott. See Lee, Siu Sylvia.
- Kenyon, Cynthia. See Hsu, Ao-Lin.
- Keon-Blute, N. See Harvey, C. F.
- Kere, Juha. See Scherer, Stephen W.
- Kerem, Batsheva. See Scherer, Stephen W.
- Kern, K. See Gambardella, P.
- Kerr, Richard A. (news): Can northern snow foretell next winter's weather? p1865 20 June 2003. Huge Pacific waves trigger wild weather half a world away. p1081 16 May 2003. Iceball Mars? p234 11 Apr 2003. Life's diversity may truly have leaped since the dinosaurs. p1067 16 May 2003. Making clouds darker sharpens cloudy climate models. p1859 20 June 2003. Megafauna died from big kill, not big chill. p885 9 May 2003. Running water eroded a frigid early Mars. p1496 6 June 2003. A surprise La Niña. p1215 23 May 2003.
- Kerr, Richard A. See Normile, Dennis.
- Ketterle, W. See Gupta, S.
- Ketterle, Wolfgang. See Schneble, Dominik.
- Keusters, Dorine. See Tian, Peifang.
- Kevrekidis, Ioannis G. See Cirak, Fehmi.
- KewalRamani, Vineet N. See McDonald, David.
- Khajra, Razi. See Scherer, Stephen W.
- Khattra, Jaswinder. See Marra, Marco A.
- Kheshgi, Haroon S. See Hoffert, Martin I.
- Khodjakov, Alexey. See Rieder, Conly L.
- Kidd, Kenneth K. See Rosenberg, Noah A.
- Kieffer, Hugh H. See Christensen, Philip R.
- Kiehart, Daniel P. See Hutson, M. Shane.
- Kikuchi, Kazuhiro. See Crackower, Michael A.
- Kim, Dennis H. See Garsin, Danielle A.
- Kim, Hyung-Goo. See Scherer, Stephen W.
- Kim, Jaheon. See Rosi, Nathaniel L.
- Kim, Jeong M.; Wu, Hui; Green, Gopa; Winkler, Cheryl A.; Kopp, Jeffrey B.; Miner, Jeffrey H.; Unanue, Emil R.; Shaw, Andrew S.: CD2-associated protein haploinsufficiency is linked to glomerular disease susceptibility. p1298 23 May 2003.
- Kim, Kangwha. See Woo, Hyun Ae.
- Kim, Myung. See Chisholm, Matthew F.
- Kimmel, Alan R. and Parent, Carole A.: The signal to move: *D. discoideum* go orienteering. p1525 6 June 2003.
- Kimple, Randall J. See Colombo, Kelly.
- King, Brian A. See Bryden, Harry L.
- King, Geoffrey. See Bowman, David.
- King, Von R. See Hafezparast, Majid.
- Kinnaird, Margaret F. See O'Brien, Timothy G.
- Kinugasa, Masatoshi. See Tsuda, Atsushi.
- Kinzler, Kenneth W. See Bardelli, Alberto.
- Kirk, E. Christopher; Cartmill, Matt; Kay, Richard F.; Lemelin, Pierre: Comment on "Grasping primate origins" (technical comment). p741 2 May 2003. www.sciencemag.org/cgi/content/full/300/5620/741b.
- Kirk, Jane A. See Moore, Jonathan D.
- Kirkpatrick, Susan J. See Scherer, Stephen W.
- Kirshner, Robert P.: Throwing light on dark energy. p1914 20 June 2003.
- Kitajima, Tomoya S.; Yokobayashi, Shihori; Yamamoto, Masayuki; Watanabe, Yoshinori: Distinct cohesin complexes organize meiotic chromosome domains. p1152 16 May 2003.
- Kitsopoulos, T. N. See Rakitzis, T. P.
- Kittrell, Carter. See Chisholm, Matthew F.
- Kiyosawa, Hiroshi. See Tsuda, Atsushi.
- Klausner, Richard D.; Fauci, Anthony S.; Corey, Lawrence; Nabel, Gary J.; Gayle, Helene; Berkley, Seth; Haynes, Barton F.; Baltimore, David; Collins, Chris; Douglas, R. Gordon; Esparza, Jose; Francis, Donald P.; Ganguly, N. K.; Gerberding, Julie Louise; Johnston, Margaret I.; Kazatchkine, Michel D.; McMichael, Andrew J.; Makgoba, Malegapuru W.; Pantaleo, Giuseppe; Piot, Peter; Shao, Yiming; Tramont, Edmund; Varmus, Harold; Wasserheit, Judith N.: The need for a global HIV vaccine enterprise. p2036 27 June 2003.
- Kleck, Robert E. See Adams, Reginald B., Jr.
- Klocke, Rainer. See Hafezparast, Majid.
- Knapp, Sandra and Mallet, James: Refuting refugia? (perspective). p71 4 Apr 2003.
- Knutti, Reto. See Anderson, Theodore L.
- Kobayashi, Eiji. See Crackower, Michael A.
- Kobilka, Brian K. See Xiang, Yang.
- Koenig, Walter D. See Dickinson, Janis L.
- Kohanski, Ronald A. See Song, Jianbo.
- Kokkoli, Efrosini. See Lai, Zhiping.
- Kolas, Nadine K. See Crackower, Michael A.
- Kolesnick, Richard. See Garcia-Barros, Monica.
- Koller, Beverly H. See Gowen, Lori C.
- Kollman, Peter A. See Naber, Nariman.
- Kondro, Wayne (news): Ontario plans major cancer institute. p232 11 Apr 2003.
- Kono, Junichiro. See Chisholm, Matthew F.
- Konopliv, A. S. See Yoder, C. F.
- Koop, Ben F. See Scherer, Stephen W.
- Kopell, Nancy: review of *Sync*, by Steven Strogatz. p1878 20 June 2003.
- Kopp, Jeffrey B. See Kim, Jeong M.
- Korf, Bruce R. See Scherer, Stephen W.
- Körner, Christian: Slow in, rapid out—carbon flux studies and Kyoto targets (perspective). p1242 23 May 2003.
- Korsmeyer, Stanley J. See Scorrano, Luca.
- Korthaus, Dirk. See Hafezparast, Majid.
- Kosaka, Atsuko. See Fukushima, Takanori.
- Koshihara, Shin-Ya. See Collet, Eric.
- Koshland, Daniel E., Jr. See Yu, Edward W.
- Koshland, Douglas E. See Milutinovich, Mark.
- Kotliar, G. See Dai, X.
- Kotzbauer, Paul T. See Giasson, Benoit I.
- Kozieradzki, Ivona. See Crackower, Michael A.
- Kozyrev, A. S. See Mitrofanov, I. G.
- Krajden, Mel. See Marra, Marco A.
- Krakowski, Robert. See Wilson, Richard D.
- Kramer, D. See Weissmüller, J.
- Kramers, Jan. See Fleitmann, Dominik.
- Kress, W. John. See Temeles, Ethan J.
- Krettli, Antoniana U. See Joy, Deirdre A.
- Krieg, J. See Notholt, J.
- Kroisel, Peter M. See Scherer, Stephen W.
- Krovitz, Gail E. See Lieberman, Daniel E.
- Kryukov, Gregory V.; Castellano, Sergi; Novoselov, Sergey V.; Lobanov, Alexey V.; Zehtab, Omid; Guigó, Roderic; Gladyshev, Vadim N.: Characterization of mammalian selenoproteomes. p1439 30 May 2003.
- Ksiazek, Thomas G. See Rota, Paul A.
- Kuang, Z. See Notholt, J.
- Kudo, Isao. See Tsuda, Atsushi.
- Kulkarni, Kshitij M. See Aggarwal, Pradeep K.
- Kulkarni, Rohit N. See Du, Keyong.
- Kuma, Kenshi. See Tsuda, Atsushi.
- Kumar, N. See Ghosh, S.
- Kunert, Renate. See Calarese, Daniel A.
- Kung, Andrew L. See Grossman, Steven R.
- Kunieda, Tetsuo. See Crackower, Michael A.
- Kuo, Anling; Gulbis, Jacqueline M.; Antcliff, Jennifer F.; Rahman, Tahmina; Lowe, Edward D.; Zimmer, Jochen; Cuthbertson, Jonathan; Ashcroft, Frances M.; Ezaki, Takayuki; Doyle, Declan A.: Crystal structure of the potassium channel KirBaC1.1 in the closed state. p1922 20 June 2003.
- Kuramoto, Shigeru. See Saito, Takashi.
- Kuznetsov, Aleksey E.; Birch, K. Alexander; Boldyrev, Alexander I.; Li, Xi; Zhai, Hua-Jin; Wang, Lai-Sheng: All-metal antiaromatic molecule: rectangular Al_4^{4+} in the $Li_3Al_4^-$ anion. p622 25 Apr 2003.

Kwasnicka, Dorota. See Scherer, Stephen W.

L

- Labigne, Agnès. See Girardin, Stephen E.
- Lackner, Klaus S.: A guide to CO₂ sequestration (perspective). p1677 13 June 2003.
- Lackner, Klaus S. See Hoffert, Martin I.
- Lai, Zhiping; Bonilla, Griselda; Diaz, Isabel; Nery, Jose Geraldo; Sujaoti, Kristina; Amat, Miguel A.; Kokkoli, Efrosini; Terasaki, Osamu; Thompson, Robert W.; Tsapatsis, Michael; Vlachos, Dionisios G.: Microstructural optimization of a zeolite membrane for organic vapor separation. p456 18 Apr 2003.
- Lai, Zhongwu. See Scherer, Stephen W.
- Laland, Kevin N.: review of *Nature via Nurture*, by Matt Ridley. p1879 20 June 2003.
- Lalli, Giovanna. See Hafezparast, Majid.
- Lalonde, Sylvie. See Frommer, Wolf B.
- Lam, Tai-Hing. See Riley, Steven.
- Lampel, Stefan. See Hafezparast, Majid.
- Lamy, Frank. See Arz, Helge W.
- Landahl, Andrew J.: review of *A Shortcut Through Time*, by George Johnson. p1509 6 June 2003.
- Landers, Rushin. See Crackower, Michael A.
- Lane, Melissa D. See Christensen, Philip R.
- Langlois, Cyril. See Champion, Yannick.
- Langlois, Patrick. See Champion, Yannick.
- Lanzara, A. See Yang, W. L.
- Larsen, Christopher F. See Eberhart-Phillips, Donna.
- Larson, Daniel R.; Zipfel, Warren R.; Williams, Rebecca M.; Clark, Stephen W.; Bruchez, Marcel P.; Wise, Frank W.; Webb, Watt W.: Water-soluble quantum dots for multiphoton fluorescence imaging in vivo. p1434 30 May 2003.
- Larson, Kristine M.; Bodin, Paul; Gomberg, Joan: Using 1-Hz GPS data to measure deformations caused by the Denali fault earthquake. p1421 30 May 2003.
- Larson, Susan G. and Demes, Brigitte: The uncertain future of gross anatomy (letter). p2031 27 June 2003.
- Lascoux, Martin. See Petit, Rémy J.
- Latora, Vito; Rapisarda, Andrea; Robledo, Alberto: Revisiting disorder and Tsallis statistics (letter). p249 11 Apr 2003.
- Latour, Anne M. See Gowen, Lori C.
- Lau, Edith M. C. See Riley, Steven.
- Lauterbach, Andreas. See Ahmadi, Seifollah.
- Lavin, Gerry. See Chisholm, Matthew F.
- Lavine, Marc: review of *Materials and Design*, by Mike Ashby and Kara Johnson. p1664 13 June 2003. review of *The Science of Harry Potter*, by Roger Highfield. p1880 20 June 2003.
- Lawler, Andrew (news): Antiquity experts endorse plans to restore shattered collection. p889 9 May 2003. Assyrian gold safe as looters threaten southern sites. p1488 6 June 2003. Iraq's shattered universities. p1490 6 June 2003. NASA orders make-or-break tests for gravity probe. p880 9 May 2003. NASA panel to ponder Hubble's demise. p1857 20 June 2003. New institute aims to put the genome in the doctor's bag. p1856 20 June 2003. The new race to the moon. p724 2 May 2003. Picking up the pieces of Iraqi antiquities. p559 25 Apr 2003. Ten millennia of culture pilfered amid Baghdad chaos. p402 18 Apr 2003. Tortoise pace for the evolution of Chinese writing? p723 2 May 2003.
- Lawler, Andrew and Schilling, Govert (news): Moon maintains its mysteries. p727 2 May 2003.
- Lawler, Andrew. See Savelyeva, Elena.
- Lazzano, Antonio. See Bada, Jeffrey L.
- Lazzari, Rémi. See Renaud, Gilles.
- Le Merrer, Martine. See De Sandrej-Giovannoli, Annachiara.
- Leach, Natalia T. See Scherer, Stephen W.
- Leach, Stephen R. See Marra, Marco A.
- Leadon, Steven A. See Gowen, Lori C.
- Lear, James D. See Li, Renhao.
- Lecossier, Denise; Bouchonnet, Francine; Clavel, François; Hance, Allan J.: Hypermutation of HIV-1 DNA in the absence of the Vif protein. p1112 16 May 2003.
- Ledbetter, H. See Dai, X.
- Ledingham, K. W. D.; McKenna, P.; Singhal, R. P.: Applications for nuclear phenomena generated by ultra-intense lasers. p1107 16 May 2003.
- Lee, Brian H. and Amon, Angelika: Role of Polo-like kinase CDC5 in programming meiosis I chromosome segregation. p482 18 Apr 2003.
- Lee, Koon-Hung. See Riley, Steven.
- Lee, Siu Sylvia; Kennedy, Scott; Tolonen, Andrew C.; Ruvkun, Gary: DAF-16 target genes that control *C. elegans* life-span and metabolism. p644 25 Apr 2003.
- Lee, Virginia M.-Y. See Giasson, Benoit I.
- Lefkowitz, Robert J. See Lodowski, David T.
- Lehnert, K. W. See Spitz, Lefe.
- Lemée-Cailleau, Marie-Hélène. See Collet, Eric.
- Le梅林, Pierre. See Kirk, E. Christopher.
- Lemon, Stanley M. See Foy, Eileen.
- Lemyre, Emmanuelle. See Scherer, Stephen W.
- Lengauer, Christoph: An unstable liaison (perspective). p442 18 Apr 2003.
- Leonhardt, Heinrich. See Gaudet, François.
- Lerch, Irving; Wilson, Richard; Winick, Herman: Supporting scientists and research in Iraq (letter). p1234 23 May 2003.
- Leroy, Frédéric. See Renaud, Gilles.
- Leuillet, Sébastien. See Vaudry, David.
- Leung, Gabriel M. See Riley, Steven.
- Leung, Pak-Yin. See Riley, Steven.
- Leventhal, Audie G.; Wang, Yongchang; Pu, Mingliang; Zhou, Yifeng; Ma, Yuanye: GABA and its agonists improved visual cortical function in senescent monkeys. p812 2 May 2003.
- Levine, Robert J.; Carpenter, William T.; Appelbaum, Paul S.: Clarifying standards for using placebos (letter). p1659 13 June 2003.
- Lev-Maor, Galit; Sorek, Rotem; Shomron, Noam; Ast, Gil: The birth of an alternatively spliced exon: 3' splice-site selection in *Alu* exons. p1288 23 May 2003.
- Lévy, Nicolas. See De Sandrej-Giovannoli, Annachiara.
- Lewis, G. F. See Carilli, C. L.
- Lewis, John S. See Hoffert, Martin I.
- Li, Jun. See Ng, Hou T.
- Li, Kui. See Foy, Eileen.
- Li, Martin. See Scherer, Stephen W.
- Li, Peter W. See Scherer, Stephen W.
- Li, Renhao; Mitra, Neal; Gratkowski, Holly; Vilaire, Gaston; Litvinov, Rustem; Nagasami, Chandrasekaran; Weisel, John W.; Lear, James D.; DeGrado, William F.; Bennett, Joel S.: Activation of integrin α IIb β 3 by modulation of transmembrane helix associations. p795 2 May 2003.
- Li, Wei-Ping. See Boucher, Philippe.
- Li, Xi. See Kuznetsov, Aleksey E.
- Li, Yan. See Marra, Marco A.
- Li, Yuan. See Wu, Xiaolin.
- Liang, Ruixing. See Gedik, N.
- Lieberman, Daniel E.; McBratney, Brandeis; Krovitz, Gail E.: Cranial base flexion and *H. Erectus* skulls (letter). p249 11 Apr 2003.
- Liets, Lauren C. See Huberman, Andrew D.
- Liffick, Stephanie. See Rota, Paul A.
- Lightfoot, H. Douglas. See Hoffert, Martin I.
- Ligon, Azra H. See Scherer, Stephen W.
- Lim, Manho. See Schotte, Friedrich.
- Limor, Josef. See Rota, Paul A.
- Lin, Jim J.; Zhou, Jingang; Shiu, Weicheng; Liu, Kopin: State-specific correlation of coincident product pairs in the F + CD₄ reaction. p966 9 May 2003.
- Lin, Rongtuan. See Sharma, Sonia.
- Lincoln, A. Jeannine. See Spruck, Charles H.
- Lindee, M. Susan: review of *DNA*, by James D. Watson, with Andrew Berry. p432 18 Apr 2003. review of *Watson and DNA*, by Victor K. McElheny. p432 18 Apr 2003.
- Linden, David J. See Chung, Hee Jung.
- Lindsay, Stuart M. See Ramachandran, Ganesh K.
- Lipfert, Peter. See Ahmadi, Seifollah.
- Lippincott-Schwartz, Jennifer and Patterson, George H.: Development and use of fluorescent protein markers in living cells. p87 4 Apr 2003.
- Lipsitch, Marc; Cohen, Ted; Cooper, Ben; Robins, James M.; Ma, Stefan; James, Lyn; Gopalakrishna, Gowri; Chew, Suok Kai; Tan, Chorgh Chuan; Samore, Matthew H.; Fisman, David; Murray, Megan: Transmission dynamics and control of severe acute respiratory syndrome. p1966 20 June 2003.
- Litvak, M. L. See Mitrofanov, I. G.
- Litvinov, Rustem. See Li, Renhao.
- Liu, Jianguo; Ouyang, Zhiyun; Pimm, Stuart L.; Raven, Peter H.; Wang, Xiaoke; Miao, Hong; Han, Nianying: Protecting China's biodiversity. p1240 23 May 2003.
- Liu, Kopin. See Lin, Jim J.
- Liu, Qinglian; D'Silva, Patrick; Walter, William; Marszalek, Jaroslaw; Craig, Elizabeth A.: Regulated cycling of mitochondrial Hsp70 at the protein import channel. p139 4 Apr 2003.
- Liu, Yan-Xia. See Moore, Brandon.
- Livingston, David M. See Grossman, Steven R.
- Livingstone, Kevin. See Rieseberg, Loren H.
- Lluch-Cota, Salvador E. See Chavez, Francisco P.
- Lo, Su-Vui. See Riley, Steven.
- Lobanov, Alexey V. See Kryukov, Gregory V.
- Lobb, C. J. See Berkeley, A. J.
- Lobell, David and Asner, Gregory: Response to comment on "Climate and management contributions to recent trends in U.S. agricultural yields" (technical comment). p1505 6 June 2003. www.sciencemag.org/cgi/content/full/300/5625/1505c.
- Lo-Coco, Francesco. See Scherer, Stephen W.
- Lodowski, David T.; Pitcher, Julie A.; Capel, W. Darrell; Lefkowitz, Robert J.; Tesmer, John J. G.: Keeping G proteins at bay: a complex between G protein-coupled receptor kinase 2 and G β γ . p1256 23 May 2003.
- Loewenberg, Samuel (news): E.U. starts a chemical reaction. p405 18 Apr 2003.
- Loftus, Elizabeth: A random samples clarification (letter). p905 9 May 2003.
- Longini, Ira M., Jr. See Halloran, M. Elizabeth.
- Lorenz, Sonja (news): E.U. shifts endocrine disrupter research into overdrive. p1069 16 May 2003.
- Lott, John R., Jr.: Research fraud, public policy, and gun control (letter). p1505 6 June 2003.
- Lotter, A. See Pfeilsticker, K.
- Louie, Steven G. See Yang, W. L.
- Lowe, Edward D. See Kuo, Anling.
- Lowe, Luis. See Rota, Paul A.
- Lowndes, Douglas H. See Chisholm, Matthew F.
- Lu, Fu. See Scherer, Stephen W.
- Lubick, Naomi (news): Congress fiddles with law while scientists burn. p1486 6 June 2003.
- Lucadamo, G. and Medlin, D. L.: Geometric origin of hexagonal close packing at a grain boundary in gold. p1272 23 May 2003.
- Lührmann, Reinhard. See Golas, Monika M.
- Luo, Laibin. See Savić, Radoslav.
- Lupien, John R.: Confusing food with obesity (letter). p1091 16 May 2003.
- Lupini, Andrew R. See Chisholm, Matthew F.
- Luty, Tadeusz. See Collet, Eric.
- Lyden, David. See Garcia-Barros, Monica.

Lyonnet, Stanislas. See De Sandrej-Giovannoli, Annachiara.

M

- Ma, En. See Chen, Mingwei.
Ma, Stefan. See Lipsitch, Marc.
Ma, Yuanye. See Leventhal, Audie G.
MacDonald, Jeffrey R. See Scherer, Stephen W.
MacDonald, Maryellen C. See Seidenberg, Mark S.
Mace, Georgina M.; Gittleman, John L.; Purvis, Andy: Preserving the tree of life. p1707 13 June 2003.
Mackenzie, Dana (news): Mathematics world abuzz over possible Poincaré proof. p417 18 Apr 2003. Prime proof helps mathematicians mind the gaps. p32 4 Apr 2003. Prime-number proof's leap falls short. p1066 16 May 2003.
MacKinnon, Roderick. See Dutzler, Raimund.
Mahabal, A. See Carilli, C. L.
Maher, Kaija. See Rota, Paul A.
Maher, Robert J. See Chick, John H.
Makalowski, Wojciech: Not junk after all (perspective). p1246 23 May 2003.
Makgoba, Malegapuru W. See Klausner, Richard D.
Malakoff, David (news): Academia gets no help from U.S. in patent case. p1635 13 June 2003. DOE breaks with tradition, puts Los Alamos up for bids. p876 9 May 2003. Flooding mine could doom Homestake plan. p1486 6 June 2003. Mach 12 by 2012? p888 9 May 2003. The multiple repercussions of a fudged grant application. p40 4 Apr 2003. New science chief wants ready-made technologies. p406 18 Apr 2003. Pew panel calls for sea change in U.S. ocean policy. p1484 6 June 2003. U.S. defense labs brace for a blast from their bosses. p1361 30 May 2003.
Malbon, Craig C. See Wang, Hsien-yu.
Malin, Michael C. See Christensen, Philip R.
Mallamace, Francesco. See Chen, Sow-Hsin.
Mallatt, Jon; Chen, Junyuan; Holland, Nicholas D.: Comment on "A new species of yunnanozoan with implications for deuterostome evolution" (technical comment). p1372 30 May 2003. www.sciencemag.org/cgi/content/full/300/5624/1372c.
Maller, James L.: Fishing at the cell surface (perspective). p594 25 Apr 2003.
Mallet, James. See Knapp, Sandra.
Mane-Mane, Jeannot. See Renaud, Gilles.
Manga, Michael. See DePaolo, Donald J. See also Montgomery, David R.
Mangini, Augusto. See Fleitmann, Dominik.
Manheimer, Wallace. See Hoffert, Martin I.
Mankins, John C. See Hoffert, Martin I.
Mann, Charles C. (news): Cracking the khipu code. p1650 13 June 2003.
Marcos, José M. See Baglione, Vittorio.
Marcus, Gary F. and Berent, Iris: Are there limits to statistical learning? (letter). p53 4 Apr 2003.
Margot, J. L. and Brown, M. E.: A low-density M-type asteroid in the main belt. p1939 20 June 2003.
Markowitz, Sanford. See Bardelli, Alberto.
Marone, Federica. See van der Meijde, Mark.
Marquardt, Andreas. See Hafezparast, Majid.
Marra, Marco A.; Jones, Steven J. M.; Astell, Caroline R.; Holt, Robert A.; Brooks-Wilson, Angela; Butterfield, Yaron S. N.; Khattra, Jaswinder; Asano, Jennifer K.; Barber, Sarah A.; Chan, Susanna Y.; Cloutier, Alison; Coughlin, Shaun M.; Freeman, Doug; Girn, Noreen; Griffith, Obi L.; Leach, Stephen R.; Mayo, Michael; McDonald, Helen; Montgomery, Stephen B.; Pandoh, Pawan K.; Petrescu, Anca S.; Robertson, A. Gordon; Schein, Jacqueline E.; Siddiqui, Asim; Smailus, Duane E.; Stott, Jeff M.; Yang, George S.; Plummer, Francis; Andonov, Anton; Artsob, Harvey; Bastien, Nathalie; Bernard, Kathy; Booth, Timothy F.; Bowness, Donnie; Czub, Martin; Drobot, Michael; Fernando, Lisa; Flick, Ramon; Garbutt, Michael; Gray, Michael; Grolla, Allen; Jones, Steven; Feldmann, Heinz; Meyers, Adrienne; Kabani, Amin; Li, Yan; Normand, Susan; Stroher, Ute; Tipples, Graham A.; Tyler, Shaun; Vogrig, Robert; Ward, Diane; Watson, Brynn; Brunham, Robert C.; Krajden, Mel; Petric, Martin; Skowronski, Danuta M.; Upton, Chris; Roper, Rachel L.: The genome sequence of the SARS-associated coronavirus. p1399 30 May 2003.
Marshall, Eliot (news): In critical condition. p1225 23 May 2003.
Marshall Graves, Jennifer A.: The tree of life: view from a twig (editorial). p1621 13 June 2003.
Marszalek, Jaroslaw. See Liu, Qinglian.
Martel, R. See Misewich, J. A.
Martin, Joanne E. See Hafezparast, Majid.
Martín, Juan Pedro. See Petit, Rémy J.
Martin, Paul and Parkhurst, Susan M.: May the force be with you (perspective). p63 4 Apr 2003.
Martineau, Monique: review of *The Chicago Guide to Communicating Science*, by Scott L. Montgomery (nota bene). p586 25 Apr 2003.
Marx, Jean (news): How to subdue a swelling heart. p1492 6 June 2003.
Marx, Preston A. See Bailes, Elizabeth.
Masip, Lluís. See Georgiou, Elizabeth.
Matic, Ivan. See Bjedov, Ivana.
Matsuzawa, Tetsuro: review of *Original Intelligence*, by David Premack and Ann Premack. p2034 27 June 2003.
Matter, Albert. See Fleitmann, Dominik.
Matuska, Marija. See Naber, Nariman.
Matzuk, Martin M. See Burns, Kathleen H.
Mauel, Michael E. See Hoffert, Martin I.
May, M. See Beiersdorfer, P.
Mayer, Thomas. See Hu, Chuan.
Mayo, Michael. See Marra, Marco A.
Maysinger, Dusica. See Savić, Radoslav.
Mazar, Amihai. See Bruins, Hendrik J.
McBratney, Brandeis. See Lieberman, Daniel E.
McCann, Una D. See Ricaurte, George A.
McCaustland, Karen. See Rota, Paul A.
McConnochie, Timothy. See Christensen, Philip R.
McDermott, Gerry. See Yu, Edward W.
McDonagh, Elaine L. See Bryden, Harry L.
McDonald, David; Wu, Li; Bohks, Stacy M.; Kewal-Ramani, Vineet N.; Unutmaz, Derya; Hope, Thomas J.: Recruitment of HIV and its receptors to dendritic cell-T cell junctions. p1295 23 May 2003.
McDonald, Helen. See Marra, Marco A.
McEwen, Alfred S. See Christensen, Philip R.
McGinness, Kathleen E. See Moore, Sean D.
McGovern, Victoria and Bond, Queta: Global health research (editorial). p2003 27 June 2003.
McIntire, Theresa M. See Kayed, Rakez.
McKee, R. A.; Walker, F. J.; Buongiorno Nardelli, M.; Shelton, W. A.; Stocks, G. M.: The interface phase and the Schottky barrier for a crystalline dielectric on silicon. p1726 13 June 2003.
McKenna, P. See Ledingham, K. W. D.
McKinney, Sean A. See Yildiz, Ahmet.
McMichael, Andrew J. See Klausner, Richard D.
McSween, Harry Y., Jr. See Christensen, Philip R.
Mead, Simon; Stumpf, Michael P. H.; Whitfield, Jerome; Beck, Jonathan A.; Poulter, Mark; Campbell, Tracy; Uphill, James B.; Goldstein, David; Alpers, Michael; Fisher, Elizabeth M. C.; Collinge, John: Balancing selection at the prion protein gene consistent with prehistoric kurulike epidemics. p640 25 Apr 2003.
Mears, C. See Santer, B. D.
Medlin, D. L. See Lucadamo, G.
Medzhitov, Ruslan. See Barton, Gregory M.
Meehl, G. A. See Santer, B. D.
Mehall, Greg L. See Christensen, Philip R.
Meiklejohn, Colin D. See Ranz, José M.
Meilaender, Gilbert: Revisiting the cloning debate (letter). p2031 27 June 2003.
Melbourne, Timothy I. and Webb, Frank H.: Slow but not quite silent (perspective). p1886 20 June 2003.
Melechko, Anatoli V. See Chisholm, Matthew F.
Melia, Thomas J. See Hu, Chuan.
Mellor, Jane. See Morillon, Antonin.
Melosh, Nicholas A.; Boukai, Akram; Diana, Fred-eric; Gerardot, Brian; Badolato, Antonio; Petroff, Pierre M.; Heath, James R.: Ultrahigh-density nanowire lattices and circuits. p112 4 Apr 2003.
Melton, Douglas. See Brivanlou, Ali H.
Meredith Smith, Moya and Johanson, Zerina: Response to comment on "Separate evolutionary origins of teeth from evidence in fossil jawed vertebrates" (technical comment). p1661 13 June 2003. www.sciencemag.org/cgi/content/full/300/5626/1661c.
Mervis, Jeffrey (news): Academy report proposes network of state-based centers. p231 11 Apr 2003. Down for the count? p1070 16 May 2003. NSF steps over political hurdles to build mobile radar facility. p2017 27 June 2003. Report asks colleges to plug a leaky people pipeline. p1353 30 May 2003. Secrecy on big projects breeds earmarks, panel is told. p1352 30 May 2003. Twenty-one women in 2003 class. p884 9 May 2003.
Mervis, Jeffrey D. (news): Report to argue for more training funds. p1073 16 May 2003. Scoping out the political process. p1870 20 June 2003. Viewed from 1986, it's mostly downhill. p1071 16 May 2003.
Mervis, Jeffrey and Kaiser, Jocelyn (news): NSF hopes Congress will see the light on NEON. p1869 20 June 2003.
Merzenich, Michael M. See Chang, Edward F.
Messenger, Scott; Keller, Lindsay P.; Stadermann, Frank J.; Walker, Robert M.; Zinner, Ernst: Samples of stars beyond the solar system: silicate grains in interplanetary dust. p105 4 Apr 2003.
Mesters, Jeroen R. See Anand, Kanchan.
Metcalf, Neil B. See Blount, Jonathan D.
Meyer, Axel. See Verheyen, Erik.
Meyer, Mathias. See Collet, Eric.
Meyers, Adrienne. See Marra, Marco A.
Meyyappan, M. See Ng, Hou T.
Miao, Hong. See Liu, Jianguo.
Michaels, Anthony F.: review of *Ecological Stoichiometry*, by Robert W. Sterner and James J. Elser. p906 9 May 2003.
Mickelson, W.; Aloni, S.; Han, Wei-Qiang; Cummings, John; Zettl, A.: Packing C₆₀ in boron nitride nanotubes. p467 18 Apr 2003.
Migliori, A. See Dai, X.
Milani, Andrea: Extraterrestrial material—virtual or real hazards? p1882 20 June 2003.
Miller, Earl K. See Sharma, Jitendra.
Miller, Greg (news): Hungry ewes deliver offspring early. p561 25 Apr 2003. Old neurons revisit their youth. p721 2 May 2003. The puzzling portrait of a pore. p2020 27 June 2003. Spying on the brain, one neuron at a time. p78 4 Apr 2003. A wish list for learning about learning. p79 4 Apr 2003.
Milton, Saskia C. See Kayed, Rakez.
Milutinovich, Mark and Koshland, Douglas E.: SMC complexes—wrapped up in controversy (perspective). p1101 16 May 2003.
Mimura, Yusuke. See Calarese, Daniel A.
Minassian, Berge A. See Scherer, Stephen W.
Minehardt, Todd J. See Naber, Nariman.
Miner, Jeffrey H. See Kim, Jeong M.
Mioskowski, Charles. See Richard, Cyrille.
Mirabel, I. Félix and Rodrigues, Irapuan: Formation of a black hole in the dark. p1119 16 May 2003.
Miralda-Escudé, Jordi: The dark age of the universe. p1904 20 June 2003.

- Misewich, J. A.; Martel, R.; Avouris, Ph.; Tsang, J. C.; Heinze, S.; Tersoff, J.: Electrically induced optical emission from a carbon nanotube FET. p783 2 May 2003.
- Mithoefer, Michael; Jerome, Lisa; Doblin, Richard: MDMA ("ecstasy") and neurotoxicity (letter). p1504 6 June 2003.
- Mitra, Neal. See Li, Renhao.
- Mitrofanov, I. G.; Zuber, M. T.; Litvak, M. L.; Boynton, W. V.; Smith, D. E.; Drake, D.; Hamara, D.; Kozyrev, A. S.; Sanin, A. B.; Shinohara, C.; Saunders, R. S.; Tret'yakov, V.: CO₂ snow depth and subsurface water-ice abundance in the northern hemisphere of Mars. p2081 27 June 2003.
- Mizuno, Noritaka. See Kamata, Keigo.
- Mlynarczyk-Evans, Susanna K. See Plath, Kathrin.
- Mo, Rong. See Crackower, Michael A.
- Moens, Peter B. See Crackower, Michael A.
- Moersch, Jeffery E. See Christensen, Philip R.
- Mohanty, Aparajita. See Petit, Rémy J.
- Molloy, Justin E. and Veigel, Claudia: Myosin motors walk the walk (perspective). p2045 27 June 2003.
- Monaco, Giulio. See Badro, James.
- Monier, Solange. See Nizak, Clément.
- Monroe, Stephan S. See Rota, Paul A.
- Montgomery, David R. and Manga, Michael: Streamflow and water well responses to earthquakes. p2047 27 June 2003.
- Montgomery, Stephen B. See Marra, Marco A.
- Montminy, Marc. See Du, Keyong.
- Monypenny, James. See Zicha, Daniel.
- Moore, Brandon; Zhou, Li; Rolland, Filip; Hall, Qi; Cheng, Wan-Hsing; Liu, Yan-Xia; Hwang, Ildoo; Jones, Tamara; Sheen, Jen: Role of the *Arabidopsis* glucose sensor HXK1 in nutrient, light, and hormonal signaling. p332 11 Apr 2003.
- Moore, Gudrun E. See Scherer, Stephen W.
- Moore, Jonathan D.; Kirk, Jane A.; Hunt, Tim: Unmasking the S-phase-promoting potential of cyclin B1. p987 9 May 2003.
- Moore, Sarah L. See Wilson, Kenneth.
- Moore, Sean D.; McGinness, Kathleen E.; Sauer, Robert T.: A glimpse into tmRNA-mediated ribosome rescue (perspective). p72 4 Apr 2003.
- Moran, Seth C. See Eberhart-Phillips, Donna.
- Moreira, Jose Roberto. See Swart, Rob.
- Morel, F. M. M. and Price, N. M.: The biogeochemical cycles of trace metals in the oceans. p944 9 May 2003.
- Morelli, Giorgio. See Ohashi, Yohei.
- Moreno, Eva M. See Muñoz-Pinedo, Cristina.
- Morgan, Michael. See Collins, Francis S.
- Morgan, P. Jeffrey. See Hafezparast, Majid.
- Morillon, Antonin; O'Sullivan, Justin; Azad, Abul; Proudfoot, Nicholas; Mellor, Jane: Regulation of elongating RNA polymerase II by forkhead transcription factors in yeast. p492 18 Apr 2003.
- Morita, Tsuneyuki. See Swart, Rob.
- Moro, Ramiro; Xu, Xiaoshan; Yin, Shuangye; de Heer, Walt A.: Ferroelectricity in free niobium clusters. p1265 23 May 2003.
- Morse, John. See Pimentel, David.
- Morton, Cynthia C. See Scherer, Stephen W.
- Moses, Melanie J.; Fettingner, James C.; Eichhorn, Bryan W.: Interpenetrating As₂₀ fullerene and Ni₁₂ icosahedra in the onion-skin [As@Ni₁₂@As₂₀]³⁻ ion. p778 2 May 2003.
- Mould, Sarah J. See Scherer, Stephen W.
- Mourier, Tobias and Jeffares, Daniel C.: Eukaryotic intron loss. p1393 30 May 2003.
- Moussif, Anissa. See Garrido, Juan José.
- Moutel, Sandrine. See Nizak, Clément.
- Mu, Jianbing. See Joy, Deirdre A.
- Mudelsee, Manfred. See Fleitmann, Dominik.
- Mühlhäusler, Beverly: The "big picture" in obesity research (letter). p1091 16 May 2003.
- Müller, Achim: The beauty of symmetry (perspective). p749 2 May 2003.
- Müller, Peter J. See Arz, Helge W.
- Müller-Starck, Gerhard. See Petit, Rémy J.
- Munk, Walter: Ocean freshening, sea level rising (perspective). p2041 27 June 2003.
- Munnich, Arnold. See De Sandrej-Giovannoli, Annachiara.
- Muñoz-Pinedo, Cristina; del Pozo, Miguel A.; Gálvez, José A.; Moreno, Eva M.; Buceta-Fernández, Javier; Garcia-Sanchez, Marta; Valdivielso, Jose M.; Bascones, Elena; 2704 Other Scientists: Spanish scientists working abroad (letter). p51 4 Apr 2003.
- Mural, Richard J. See Scherer, Stephen W.
- Murata, Yasuhiro. See Sudou, Hiroshi.
- Murphy, Coleen T. See Hsu, Ao-Lin.
- Murphy, E. J. See Croxall, J. P.
- Murray, Megan. See Lipsitch, Marc.
- Muth-Selbach, Uta. See Ahmadi, Seifollah.
- Myneni, Ranga B. See Nemani, Ramakrishna R.

N, O, and P

- Nabel, Gary J. See Klausner, Richard D.
- Naber, Nariman; Minehardt, Todd J.; Rice, Sarah; Chen, Xiaoru; Grammer, Jean; Matuska, Marija; Vale, Ronald D.; Kollman, Peter A.; Car, Roberto; Yount, Ralph G.; Cooke, Roger; Pate, Edward: Closing of the nucleotide pocket of kinesin-family motors upon binding to microtubules. p798 2 May 2003.
- Nabuurs, Gert-Jan. See Janssens, Ivan A.
- Nagahara, L. A. See Zuo, J. M.
- Nagahara, Larry A. See Ramachandran, Ganesh K.
- Nagasako, Naoyuki. See Saito, Takashi.
- Nagasami, Chandrasekaran. See Li, Renhao.
- Nakabayashi, Kazuhiko. See Scherer, Stephen W.
- Nakatani, Yoshihiro. See Grossman, Steven R.
- Nakicenovic, Nebojsa. See O'Neill, Brian. See also Swart, Rob.
- Nash, Piers. See Pawson, Tony.
- Natland, J. H. See Foulger, G. R.
- Navara, Christopher. See Simerly, Calvin.
- Navarro, Arcadi and Barton, Nick H.: Chromosomal speciation and molecular divergence—accelerated evolution in rearranged chromosomes. p321 11 Apr 2003.
- Navarro, Claire. See De Sandrej-Giovannoli, Annachiara.
- Nealson, Kenneth H. See Christensen, Philip R.
- Neff, Ulrich. See Fleitmann, Dominik.
- Nelson, W. James. See Amieva, Manuel R.
- Nemani, Ramakrishna R.; Keeling, Charles D.; Hashimoto, Hirofumi; Jolly, William M.; Piper, Stephen C.; Tucker, Compton J.; Myneni, Ranga B.; Running, Steven W.: Climate-driven increases in global terrestrial net primary production from 1982 to 1999. p1560 6 June 2003.
- Nery, Jose Geraldo. See Lai, Zhiping.
- NetWatch: All eyes on the father of chemistry. p1483 6 June 2003. . . . and pondering life's persistent mysteries. p399 18 Apr 2003. Around the world in 1051 days. p223 11 Apr 2003. Banish fusion confusion. p1855 20 June 2003. Bent into shape. p1061 16 May 2003. Blast off to Mars. p1633 13 June 2003. Brave new world of intellectual property. p1061 16 May 2003. Climate change 101. p873 9 May 2003. Damage report. p2011 27 June 2003. Delivering the spark of life. p2011 27 June 2003. Diseases illustrated. p1061 16 May 2003. Eco data cache. p713 2 May 2003. Engineering folly. p557 25 Apr 2003. Everyday chemistry. p1211 23 May 2003. Free journal finder. p1349 30 May 2003. Gene chip central. p27 4 Apr 2003. Genetics for the masses. p1855 20 June 2003. Genome A to Z. p557 25 Apr 2003. Geoscience slide show. p399 18 Apr 2003. Going through stages. p223 11 Apr 2003. HIV's Achilles heel. p1349 30 May 2003. Home base for RNA. p223 11 Apr 2003. Keeping up with SARS. p223 11 Apr 2003. Know your seaweed. p1633 13 June 2003. Let's get metaphysical. p713 2 May 2003. Lighting up plant cells. p873 9 May 2003. Location, location, location. p1483 6 June 2003. Make an appointment with medical history. p399 18 Apr 2003. Making wavelets. p873 9 May 2003. The man who bent space. p1349 30 May 2003. Mapping an Asian biodiversity hot spot. p1483 6 June 2003. Mass spec without the wait. p27 4 Apr 2003. Meet the beetles. p557 25 Apr 2003. Mother lode of Earth data. p557 25 Apr 2003. Naked RNA on the rampage. p1633 13 June 2003. Navigating the privacy rule. p557 25 Apr 2003. No digging required. p1855 20 June 2003. Northern exposures. p1855 20 June 2003. Notes from underground. p2011 27 June 2003. Nucleic acid origami. p873 9 May 2003. On again, off again. p873 9 May 2003. Papparazzi in space. p713 2 May 2003. A parasite's chemical flowchart. p1633 13 June 2003. Plants of moor, glen, and crag. p713 2 May 2003. Probing the cell's powerhouse. p713 2 May 2003. Rewriting the book on biochemistry. p1349 30 May 2003. SARS takes center stage. p1483 6 June 2003. Science by the seashore. p1633 13 June 2003. Secrets of slime. p399 18 Apr 2003. Some like it hot, or cold, or acidic. p27 4 Apr 2003. Speaking of science. p1483 6 June 2003. Stripping down science news. . . . p399 18 Apr 2003. Tallying Earth's scars. p1349 30 May 2003. Turning on the myc. p1211 23 May 2003. Vanishing ghosts of the forest. p1061 16 May 2003. Virtual Noah's ark. p1211 23 May 2003. Wayward worms on the web. p2011 27 June 2003. Whirlwind tour of tornado science. p1211 23 May 2003. Yeeeeeeeeer out! p27 4 Apr 2003. A zooful of animal sites. p1855 20 June 2003.
- Neubert, Torsten: On sprites and their exotic kin (perspective). p747 2 May 2003.
- Neuhuber, Winfried L. See Ahmadi, Seifollah.
- Newman, John R. S. and Keating, Amy E.: Comprehensive identification of human bZIP interactions with coiled-coil arrays. p2097 27 June 2003.
- Ng, Hou T.; Li, Jun; Smith, Michael K.; Nguyen, Pho; Cassell, Alan; Han, Jie; Meyyappan, M.: Growth of epitaxial nanowires at the junctions of nanowalls. p1249 23 May 2003.
- Nguyen, Pho. See Ng, Hou T.
- Ni, James. See Tilmann, Frederik.
- Nicholson, Sharon. See Hafezparast, Majid.
- Niedan, V. See Harvey, C. F.
- Niemczura, E. See Aerts, C.
- Nieves, Edward. See Crackower, Michael A.
- Nikaido, Hiroshi. See Yu, Edward W.
- Nilsson, Daniel. See Elf, Johan.
- Nishihama, Ryuichi; Jeong, Sangho; DeYoung, Brody; Clark, Steven E.: Retraction (letter). p1370 30 May 2003.
- Nishino, Kazuaki. See Saito, Takashi.
- Nishioka, Jun. See Tsuda, Atsushi.
- Nitzan, Abraham and Ratner, Mark A.: Electron transport in molecular wire junctions. p1384 30 May 2003.
- Nix, W. Allan. See Rota, Paul A.
- Nizak, Clément; Monier, Solange; del Nery, Elaine; Moutel, Sandrine; Goud, Bruno; Perez, Franck: Recombinant antibodies to the small GTPase Rab6 as conformation sensors. p984 9 May 2003.
- Noblet, Marion. See Renaud, Gilles.
- Noda, Susumu. See Song, Bong-Shik.
- Noels, A. See Aerts, C.
- Noguchi, Junko. See Crackower, Michael A.
- Nohara, Yuki. See Yamamoto, Katsutoshi.
- Noiri, Yoshifumi. See Tsuda, Atsushi.
- Nojiri, Yukihiro. See Tsuda, Atsushi.
- Noller, Harry F. See Fredrick, Kurt.

- Nomura, Kenji; Ohta, Hiromichi; Ueda, Kazushige; Kamiya, Toshio; Hirano, Masahiro; Hosono, Hideo: Thin-film transistor fabricated in single-crystalline transparent oxide semiconductor. p1269 23 May 2003.
- Nonaka, Takamasa. See Saito, Takashi.
- Normand, Susan. See Marra, Marco A.
- Normile, Dennis (news): Battling SARS on the frontlines. p714 2 May 2003. A bridge over troubled waters. p1074 16 May 2003. Hong Kong to beef up monitoring. p1062 16 May 2003. New rules shake up system for funding basic research. p2027 27 June 2003. Up close and personal with SARS. p886 9 May 2003.
- Normile, Dennis and Kerr, Richard A. (news): A sea change in ocean drilling. p410 18 Apr 2003. Under new management. p411 18 Apr 2003.
- Notholt, J.; Kuang, Z.; Rinsland, C. P.; Toon, G. C.; Rex, M.; Jones, N.; Albrecht, T.; Deckelmann, H.; Krieg, J.; Weinzierl, C.; Bingemer, H.; Weller, R.; Schrems, O.: Enhanced upper tropical tropospheric COS: impact on the stratospheric aerosol layer. p307 11 Apr 2003.
- Novoselov, Sergey V. See Kryukov, Gregory V.
- Nowaczky, Malgorzata J. See Scherer, Stephen W.
- Nudler, Evgeny. See Epshtein, Vitaly.
- Nurse, Paul. See Pardo, Mercedes.
- Nusskern, Deborah. See Scherer, Stephen W.
- Nystrom, Leigh E. See Sanfey, Alan G.
- Oakes, Scott A. See Scorrano, Luca.
- Oates, P. See Harvey, C. F.
- Oberste, M. Steven. See Rota, Paul A.
- Obersteiner, Michael. See O'Neill, Brian.
- Obradovich, John D. See Wilf, Peter.
- O'Brien, Timothy G. and Kinnaird, Margaret F.: Caffeine and conservation. p587 25 Apr 2003.
- Ogawa, Hiroshi. See Tsuda, Atsushi.
- O'Halloran, Thomas V. See Finney, Lydia A.
- Ohashi, Yohei; Oka, Atsuhiko; Rodrigues-Pousada, Renato; Possenti, Marco; Ruberti, Ida; Morelli, Giorgio; Aoyama, Takashi: Modulation of phospholipid signaling by GLABRA2 in root-hair pattern formation. p1427 30 May 2003.
- Ohta, Hiromichi. See Nomura, Kenji.
- Oka, Atsuhiko. See Ohashi, Yohei.
- O'Keefe, Michael. See Rosi, Nathaniel L.
- Okubo, Paul G. See Wolfe, Cecily J.
- Oliver, Carl E. See Frazier, Marvin E.
- Oliver, Mark H. See Bloomfield, Frank H.
- Olsen-Rasmussen, Melissa. See Rota, Paul A.
- Olson, John S. See Schotte, Friedrich.
- Olson, R. E. See Beiersdorfer, P.
- Omont, A. See Carilli, C. L.
- O'Neill, Brian; Grubler, Arnulf; Nakicenovic, Nebojsa; Obersteiner, Michael; Riahi, Keywan; Schratzenholzer, Leo; Toth, Ferenc: Planning for future energy resources (letter). p581 25 Apr 2003.
- Ono, Tsuneo. See Tsuda, Atsushi.
- Ozageer, Ravi. See Hafezparast, Majid.
- Opferman, Joseph T. See Scorrano, Luca.
- Oremland, Ronald S. and Stolz, John F.: The ecology of arsenic. p939 9 May 2003.
- Orenstein, J. See Gedik, N.
- Oreskes, Naomi: review of *Prematurity in Scientific Discovery*, by Ernest B. Hook, ed. p1094 16 May 2003.
- Orszag, Peter R.: review of *Rich Democracies*, by Harold L. Wilensky. p1095 16 May 2003.
- Ortiz, Michael. See Cirak, Fehmi.
- Orvig, Chris. See Thompson, Katherine H.
- Osborne, Lucy R. See Crackower, Michael A. See also Scherer, Stephen W.
- Oscier, David G. See Scherer, Stephen W.
- Osterhaus, Albert D. M. E. See Rota, Paul A.
- Ostle, Nick. See Staddon, Philip L.
- Ostriker, Jeremiah P. and Steinhardt, Paul: New light on dark matter. p1909 20 June 2003.
- O'Sullivan, Justin. See Morillon, Antonin.
- Otte, Arie P. See Plath, Kathrin.
- Otto-Bliesner, Bette L. See Trenberth, Kevin E.
- Ouyang, Zhiyuan. See Liu, Jianguo.
- Owen, Tobias. See Griffith, Caitlin A.
- Owens, Ian P. F. See Wilson, Kenneth.
- Pagès, Vincent and Fuchs, Robert P.: Uncoupling of leading- and lagging-strand DNA replication during lesion bypass in vivo. p1300 23 May 2003.
- Paldy, Lester: Supporting scientists and research in Iraq (letter). p1234 23 May 2003.
- Pallansch, Mark A. See Rota, Paul A.
- Palmé, Anna. See Petit, Rémy J.
- Palmer, M. R. and Pearson, P. N.: A 23,000-year record of surface water pH and PCO₂ in the western equatorial Pacific Ocean. p480 18 Apr 2003.
- Palumbi, Steven R. See Warner, Robert R.
- Pandoh, Pawan K. See Marra, Marco A.
- Panning, Barbara. See Plath, Kathrin.
- Pantaleo, Giuseppe. See Klausner, Richard D.
- Pardo, Mercedes and Nurse, Paul: Equatorial retention of the contractile actin ring by microtubules during cytokinesis. p1569 6 June 2003.
- Parent, Carole A. See Kimmel, Alan R.
- Paris, Francois. See Garcia-Barros, Monica.
- Parker, Roy. See Sheth, Ujwal.
- Parker-Katirae, Layla. See Scherer, Stephen W.
- Parkhurst, Susan M. See Martin, Paul.
- Parmigiani, F. See Yang, W. L.
- Parmigiani, Giovanni. See Bardelli, Alberto.
- Parsons, D. Williams. See Bardelli, Alberto.
- Partridge, T. C.; Granger, D. E.; Caffee, M. W.; Clarke, R. J.: Lower Pliocene hominid remains from Sterkfontein. p607 25 Apr 2003.
- Pate, Edward. See Naber, Nariman.
- Patrinou, Aristides. See Collins, Francis S. See also Frazier, Marvin E.
- Patterson, George H. See Lippincott-Schwartz, Jennifer.
- Patterson, Jean L.: Building biosafety laboratories (letter). p1092 16 May 2003.
- Pätzold, Jürgen. See Arz, Helge W.
- Pawłowski, Christopher W.: Science, ethics, and war (letter). p1234 23 May 2003.
- Pawson, Tony and Nash, Piers: Assembly of cell regulatory systems through protein interaction domains. p445 18 Apr 2003.
- Payne, Christopher. See Simerly, Calvin.
- Pearson, P. N. See Palmer, M. R.
- Peeters, Martine. See Bailes, Elizabeth.
- Pellicci, Pier Giuseppe. See Scherer, Stephen W.
- Peñaranda, Silvia. See Rota, Paul A.
- Penninger, Josef M. See Crackower, Michael A.
- Pennisi, Elizabeth (news): Cannibalism and prion disease may have been rampant in ancient humans. p227 11 Apr 2003. Colorful males flaunt their health. p29 4 Apr 2003. DNA's cast of thousands. p282 11 Apr 2003. Drafting a tree. p1694 13 June 2003. A hothouse of molecular biology. p278 11 Apr 2003. A low number wins the GeneSweep pool. p1484 6 June 2003. Modernizing the tree of life. p1692 13 June 2003. Monarchs check clock to chart migration route. p1216 23 May 2003. Plants find their places on the tree of life. p1696 13 June 2003. Reaching their goal early, sequencing labs celebrate. p409 18 Apr 2003.
- Pennisi, Elizabeth. See Sugden, Andrew M.
- Pennycook, Stephen J. See Chisholm, Matthew F.
- Peraus, Gisela. See Hafezparast, Majid.
- Peret, Teresa C. T. See Rota, Paul A.
- Perez, Franck. See Nizak, Clément.
- Perkins, L. John. See Hoffer, Martin I.
- Personius, Stephen F. See Eberhart-Phillips, Donna.
- Petek, Erwin. See Scherer, Stephen W.
- Peters, C. See Pfeilsticker, K.
- Peters, Jo. See Hafezparast, Majid.
- Petersen, Kitt Falk; Befroy, Douglas; Dufour, Sylvie; Dziura, James; Ariyan, Charlotte; Rothman, Douglas L.; DiPietro, Loretta; Cline, Gary W.; Shulman, Gerald I.: Mitochondrial dysfunction in the elderly: possible role in insulin resistance. p1140 16 May 2003.
- Petit, Rémy J.; Aguinagalde, Itziar; de Beaulieu, Jacques-Louis; Bittkau, Christiane; Brewer, Simon; Cheddadi, Rachid; Ennos, Richard; Fineschi, Silvia; Grivet, Delphine; Lascoux, Martin; Mohanty, Aparajita; Müller-Starck, Gerhard; Demesure-Musch, Brigitte; Palmé, Anna; Martín, Juan Pedro; Rendell, Sarah; Vendramin, Giovanni G.: Glacial refugia: hotspots but not melting pots of genetic diversity. p1563 6 June 2003.
- Petrescu, Anca S. See Marra, Marco A.
- Petric, Martin. See Marra, Marco A.
- Petroff, Pierre M. See Melosh, Nicholas A.
- Pfeilsticker, K.; Lotter, A.; Peters, C.; Bösch, H.: Atmospheric detection of water dimers via near-infrared absorption. p2078 27 June 2003.
- Phillips, David J. See Bloomfield, Frank H.
- Phillips, George N., Jr. See Schotte, Friedrich.
- Phillips-Conroy, Jane: The uncertain future of gross anatomy (letter). p2031 27 June 2003.
- Philpott, Dana J. See Girardin, Stephen E.
- Pick, Leslie. See Song, Jianbo.
- Pielke, Roger, Jr.: Another epidemic of politics? (letter). p1092 16 May 2003.
- Pimentel, David and Morse, John: Malnutrition, disease, and the developing world (letter). p251 11 Apr 2003.
- Pimm, Stuart L. See Liu, Jianguo.
- Pinholster, Ginger: Science international speakers urge dialogue, collaboration (AAAS News & Notes). p2050 27 June 2003.
- Piot, Peter. See Klausner, Richard D.
- Piper, Stephen C. See Nemani, Ramakrishna R.
- Pitcher, Hugh. See Swart, Rob.
- Pitcher, Julie A. See Lodowski, David T.
- Plafker, George. See Eberhart-Phillips, Donna.
- Plastino, A.: Revisiting disorder and Tsallis statistics (letter). p249 11 Apr 2003.
- Plath, Kathrin; Fang, Jia; Mlynarczyk-Evans, Susanna K.; Cao, Ru; Worringer, Kathleen A.; Wang, Hengbin; de la Cruz, Cecile C.; Otte, Arie P.; Panning, Barbara; Zhang, Yi: Role of histone H3 lysine 27 methylation in X inactivation. p131 4 Apr 2003.
- Plummer, Francis. See Marra, Marco A.
- Pober, Barbara. See Scherer, Stephen W.
- Poo, Mu-ming. See Zhou, Qiang.
- Poole, Leslie B. See Wood, Zachary A.
- Popp, Andreas. See Hafezparast, Majid.
- Porter, F. S. See Beiersdorfer, P.
- Porteus, Matthew H. and Baltimore, David: Chimeric nucleases stimulate gene targeting in human cells. p763 2 May 2003.
- Possenti, Marco. See Ohashi, Yohei.
- Potts, M. and Short, R. V.: Using microbicides to fight the spread of HIV (letter). p431 18 Apr 2003.
- Poulter, Mark. See Mead, Simon.
- Pourquie, Olivier. See Burt, Dave.
- Pozzan, Tullio. See Scorrano, Luca.
- Préault, Marina. See Faivre, Bruno.
- Prescott, Elizabeth D. and Julius, David: A modular PIP₂ binding site as a determinant of capsaicin receptor sensitivity. p1284 23 May 2003.
- Price, N. M. See Morel, F. M. M.
- Price, Rebecca M. See Jablonski, David.
- Priestley, John V. See Hafezparast, Majid.
- Primak, Alex. See Ramachandran, Ganesh K.
- Prins, Maarten. See Arz, Helge W.
- Priola, Suzette A.; Chesebro, Bruce; Caughey, Byron: A view from the top—prion diseases from

10,000 feet (perspective). p917 9 May 2003.
Pritchard, David E. See Schneble, Dominik.
Pritchard, Jonathan K. See Rosenberg, Noah A.
Proudfoot, Nicholas. See Morillon, Antonin.
Ptak, Janine. See Bardelli, Alberto.
Pu, Mingliang. See Leventhal, Audie G.
Pujana, Miguel Angel. See Scherer, Stephen W.
Puretzy, Alex A. See Chisholm, Matthew F.
Purvis, Andy. See Mace, Georgina M.

Q and R

Quade, Bradley J. See Scherer, Stephen W.
Quake, Stephen R. See Groisman, Alex.

Rabiller, Philippe. See Collet, Eric.
Radman, Miroslav. See Bjedov, Ivana.
Rafii, Shahin. See Garcia-Barros, Monica.
Rahman, Nazneen. See Scherer, Stephen W.
Rahman, Tahmina. See Kuo, Anling.
Rajagopal, A. K. See Abe, Sumiyoshi.
Rakitzis, T. P.; Samartzis, P. C.; Toomes, R. L.; Kitsopoulos, T. N.; Brown, Alex; Balint-Kurti, G. G.; Vasyutinskii, O. S.; Beswick, J. A.: Spin-polarized hydrogen atoms from molecular photodissociation. p1936 20 June 2003.
Ramachandran, Ganesh K.; Hopson, Theresa J.; Rawlett, Adam M.; Nagahara, Larry A.; Primak, Alex; Lindsay, Stuart M.: A bond-fluctuation mechanism for stochastic switching in wired molecules. p1413 30 May 2003.
Ramakrishnan, V. See Valle, Mikael.
Ramos, R. C. See Berkley, A. J.
Random Samples: Albany prize. p899 9 May 2003. Another endangered species cloned. p421 18 Apr 2003. Architectural bacteria. p577 25 Apr 2003. Avian antiaging secret. p1653 13 June 2003. Below the deck. p1233 23 May 2003. Bend it like AIBO. p1083 16 May 2003. Beyond belief. p899 9 May 2003. Blowing off self-esteem. p1083 16 May 2003. Boxgrove secure. p1500 6 June 2003. Brain fever in the U.K. p1368 30 May 2003. Britain's first cave art? p2028 27 June 2003. Bugging out. p1655 13 June 2003. Charged. p49 4 Apr 2003. Chemistry prize. p1501 6 June 2003. Citing self. p47 4 Apr 2003. Clay head. p1085 16 May 2003. Cro Magnons are us. p1231 23 May 2003. Curator sues museum over firing. p1085 16 May 2003. Cybernetic tarantulas. p733 2 May 2003. Dangerous cargo. p423 18 Apr 2003. Desert dash. p733 2 May 2003. Died. p1655 13 June 2003. Died. p247 11 Apr 2003. Died. p423 18 Apr 2003. Divorce imminent? p47 4 Apr 2003. DOE pooh-poohs polygraph proposals. p577 25 Apr 2003. Double helix coin. p577 25 Apr 2003. Down in the dumps. p1655 13 June 2003. Energy award. p735 2 May 2003. Ever the party animal. p579 25 Apr 2003. Evolution battle on campus. p247 11 Apr 2003. Family crisis becomes scientific quest. p899 9 May 2003. FASEB head. p423 18 Apr 2003. For men only. p1231 23 May 2003. Forest ecologists go mega. p1872 20 June 2003. Franklin prize. p49 4 Apr 2003. Gamma ray blues. p1233 23 May 2003. Goldman Prize. p579 25 Apr 2003. Good show. p1233 23 May 2003. Grants matchmaker. p247 11 Apr 2003. Green warrior. p2028 27 June 2003. Hairless and flea-free. p2028 27 June 2003. Have microbe, will sell. p1873 20 June 2003. Helping the enemy? p1873 20 June 2003. High stakes. p579 25 Apr 2003. High-tech mousekeeping. p421 18 Apr 2003. Historic island threatened. p1368 30 May 2003. Immortal. p423 18 Apr 2003. Infectious appeal. p2029 27 June 2003. Japan's vanishing breed. p1873 20 June 2003. Karolinska choice. p1233 23 May 2003. Keep your day job. p1872 20 June 2003. Know-it-alls. p579 25 Apr 2003. Labmates forever. p1873 20 June 2003. Leaving orbit. p735 2 May

2003. Leftovers spur edible debate. p1653 13 June 2003. Lost in the shuffle. p735 2 May 2003. Madia moves up. p899 9 May 2003. Math prize. p247 11 Apr 2003. The meaning of life. p1653 13 June 2003. Mini owl. p2028 27 June 2003. MIT firsts. p1655 13 June 2003. Money spinners. p1369 30 May 2003. New hope. p1085 16 May 2003. No zygote shortage. p1083 16 May 2003. A Nobel sign? p1085 16 May 2003. The oldest American idol. p733 2 May 2003. On a clear day. ... p1655 13 June 2003. On board. p2029 27 June 2003. Overrotation. p1501 6 June 2003. Playing fair in soccer and science. p579 25 Apr 2003. Politics and art. p1231 23 May 2003. Reborn wasteland. p897 9 May 2003. Redhead's relief. p245 11 Apr 2003. A room of one's own. p1369 30 May 2003. Sands sing for France. p47 4 Apr 2003. Saving oceans through cinema. p423 18 Apr 2003. The science of origami. p735 2 May 2003. Seeing crimson. p247 11 Apr 2003. Seeking the light. p2028 27 June 2003. Separate ways. p1501 6 June 2003. Sequencing the Sargasso. p897 9 May 2003. Sexual politics among the hyaenidae. p1369 30 May 2003. Shadowy practices. p423 18 Apr 2003. Sharing the load. p899 9 May 2003. Shine on. p1368 30 May 2003. Shoveled out. p1500 6 June 2003. Shrugging off Atlas. p1500 6 June 2003. Shuttle probe panelists in NASA's fold. p1233 23 May 2003. Skating on bumpy ice. p1872 20 June 2003. Sleight of hand. p2029 27 June 2003. Songs of life. p49 4 Apr 2003. Speed of thought. p1500 6 June 2003. Sticking with the gecko. p1500 6 June 2003. Talk to me. p49 4 Apr 2003. Tender lips. p897 9 May 2003. That special glow. p1368 30 May 2003. Tiger's eye: looks are deceiving. p245 11 Apr 2003. Too happy campers? p49 4 Apr 2003. Tracking the giant squid. p47 4 Apr 2003. Trailblazer. p1369 30 May 2003. Transgenic tombstone. p1501 6 June 2003. TV and the unfit. p421 18 Apr 2003. Vaccine unawareness. p1653 13 June 2003. Wanted: solution for cave mold. p245 11 Apr 2003. Warming the hearts of Texas. p2028 27 June 2003. Waterbabies. p1231 23 May 2003. Where in the world is Columbus? p1872 20 June 2003. Wider horizons. p735 2 May 2003. Worms survive space shuttle catastrophe. p897 9 May 2003. Your words betray you. p577 25 Apr 2003.
Rannou, Pascal. See Griffith, Caitlin A.
Ranz, José M.; Castillo-Davis, Cristian I.; Meiklejohn, Colin D.; Hartl, Daniel L.: Sex-dependent gene expression and evolution of the *Drosophila* transcriptome. p1742 13 June 2003.
Rapisarda, Andrea. See Latora, Vito.
Ratchkovski, Natalia A. See Eberhart-Phillips, Donna.
Ratner, Mark A. See Nitzan, Abraham.
Rauch, Scott L. See Schwartz, Carl E.
Raven, Peter H. See Liu, Jianguo.
Rawlett, Adam M. See Ramachandran, Ganesh K.
Ray, L. Bryan; Adler, Elizabeth M.; Gough, Nancy R. (news): Building a case for signaling. p1523 6 June 2003.
Rayner, John. See Griffith, Caitlin A.
Reches, Meital and Gazit, Ehud: Casting metal nanowires within discrete self-assembled peptide nanotubes. p625 25 Apr 2003.
Reed, Steven I. See Spruck, Charles H.
Rees, Douglas C. and Howard, James B.: The interface between the biological and inorganic worlds: iron-sulfur metalloclusters. p929 9 May 2003.
Reimold, Wolf U.: Impact cratering comes of age (perspective). p1889 20 June 2003.
Reinbold, Rolland. See Hübner, Karin.
Ren, Yongsheng. See Burns, Kathleen H.
Renaud, Gilles; Lazzari, Rémi; Revenant, Christine; Barbier, Antoine; Noblet, Marion; Ulrich,

Olivier; Leroy, Frédéric; Jupille, Jacques; Borensztein, Yves; Henry, Claude R.; Deville, Jean-Paul; Scheurer, Fabrice; Mane-Mane, Jeannot; Fruchart, Olivier: Real-time monitoring of growing nanoparticles. p1416 30 May 2003.
Rendell, Sarah. See Petit, Rémy J.
Reppert, Steven M. See Froy, Oren.
Reslewic, Susan: Eating disorders and obesity (letter). p1091 16 May 2003.
Revenant, Christine. See Renaud, Gilles.
Rex, M. See Notholt, J.
Rhee, Sue Goo. See Woo, Hyun Ae.
Riahi, Keywan. See O'Neill, Brian.
Ricaurte, George A.; Yuan, Jie; Hatzidimitriou, George; Cord, Branden J.; McCann, Una D.: MDMA ("ecstasy") and neurotoxicity (letter). p1504 6 June 2003.
Rice, James W., Jr. See Christensen, Philip R.
Rice, Sarah. See Naber, Nariman.
Richard, Cyrille; Balavoine, Fabrice; Schultz, Patrick; Ebbesen, Thomas W.; Mioskowski, Charles: Supramolecular self-assembly of lipid derivatives on carbon nanotubes. p775 2 May 2003.
Richardson, Mark I. See Christensen, Philip R.
Richter, Burton. See Baltay, Charles.
Ricote, Jesus. See Axness, Carl.
Rieder, Conly L. and Khodjakov, Alexey: Mitosis through the microscope: advances in seeing inside live dividing cells. p91 4 Apr 2003.
Rieseberg, Loren H. See Burke, John M.
Rieseberg, Loren H. and Livingstone, Kevin: Chromosomal speciation in primates (perspective). p267 11 Apr 2003.
Riggs, Henry. See Galas, David J.
Riley, Steven; Fraser, Christophe; Donnelly, Christ A.; Ghani, Azra C.; Abu-Raddad, Laith J.; Hedley, Anthony J.; Leung, Gabriel M.; Ho, Lai-Ming; Lam, Tai-Hing; Thach, Thuan Q.; Chau, Patsy; Chan, King-Pan; Lo, Su-Vui; Leung, Pak-Yin; Tsang, Thomas H.; William, Lee, Koon-Hung; Lau, Edith M. C.; Ferguson, Neil M.; Anderson, Roy M.: Transmission dynamics of the etiological agent of SARS in Hong Kong: impact of public health interventions. p1961 20 June 2003.
Rilling, James K. See Sanfey, Alan G.
Rinsland, C. P. See Notholt, J.
Ritvo, Harriet: Fighting for Thirlmere—the roots of environmentalism (essays on science and society). p1510 6 June 2003.
Roberts, Leslie. See Jasny, Barbara R.
Roberts, Wendy. See Scherer, Stephen W.
Robertson, A. Gordon. See Marra, Marco A.
Robins, James M. See Lipsitch, Marc.
Robledo, Alberto. See Latora, Vito.
Rocanova, Louis: Inoculating a science education epidemic (letter). p1236 23 May 2003.
Rodhe, Henning. See Anderson, Theodore L.
Rodrigues, Irupuan. See Mirabel, I. Félix.
Rodrigues-Pousada, Renato. See Ohashi, Yohei.
Roelofs, Cora R. and Ellenbecker, Michael J.: Calculating the benefits of regulation (letter). p1372 30 May 2003.
Rogers, Garry and Dragert, Herb: Episodic tremor and slip on the Cascadia subduction zone: the chatter of silent slip. p1942 20 June 2003.
Rogner, Hans-Holger. See Swart, Rob.
Rolland, Filip. See Moore, Brandon.
Rollin, Pierre E. See Rota, Paul A.
Rommens, Johanna M. See Scherer, Stephen W.
Rona, Peter A.: Exploring sea-floor resources (letter). p1093 16 May 2003.
Roper, Rachel L. See Marra, Marco A.
Rosenberg, Noah A.; Pritchard, Jonathan K.; Weber, James L.; Cann, Howard M.; Kidd, Kenneth K.; Zhivotovsky, Lev A.; Feldman, Marcus W.: Response to comment on "Genetic structure of human populations" (technical comment). p1877

- 20 June 2003. www.sciencemag.org/cgi/content/full/300/5627/1877c.
- Rosenberg, Susan M. and Hastings, P. J.: Modulating mutation rates in the wild (perspective). p1382 30 May 2003.
- Rosi, Nathaniel L.; Eckert, Juergen; Eddaoudi, Mohamed; Vodak, David T.; Kim, Jaheon; O'Keeffe, Michael; Yaghi, Omar M.: Hydrogen storage in microporous metal-organic frameworks. p1127 16 May 2003.
- Rossant, Janet. See Brivanlou, Ali H.
- Rota, Paul A.; Oberste, M. Steven; Monroe, Stephan S.; Nix, W. Allan; Campagnoli, Ray; Icenogle, Joseph P.; Peñaranda, Silvia; Bankamp, Bettina; Maher, Kaija; Chen, Min-hsin; Tong, Suxiong; Tamin, Azaibi; Lowe, Luis; Frace, Michael; DeRisi, Joseph L.; Chen, Qi; Wang, David; Erdman, Dean D.; Peret, Teresa C. T.; Burns, Cara; Ksiazek, Thomas G.; Rollin, Pierre E.; Sanchez, Anthony; Liffick, Stephanie; Holloway, Brian; Limor, Josef; McCaustland, Karen; Olsen-Rasmussen, Melissa; Fouchier, Ron; Günther, Stephan; Osterhaus, Albert D. M. E.; Drosten, Christian; Pallansch, Mark A.; Anderson, Larry J.; Bellini, William J.: Characterization of a novel coronavirus associated with severe acute respiratory syndrome. p1394 30 May 2003.
- Rotermund, Harm Hinrich. See Cirak, Fehmi.
- Roth, Melissa S. See Sanford, Eric.
- Rothman, Douglas L. See Petersen, Kitt Falk.
- Rothman, James E. See Hu, Chuan.
- Roux, Kenneth H. See Calarese, Daniel A.
- Rowan, Linda and Coontz, Robert (news): Welcome to the dark side: delighted to see you. p1893 20 June 2003.
- Roy, Kaustuv. See Jablonski, David.
- Roy, Rustom. See Xue, Tianhan.
- Ruberti, Ida. See Ohashi, Yohei.
- Rubin, Charles M. See Eberhart-Phillips, Donna.
- Rudd, Pauline M. See Calarese, Daniel A.
- Rudelius, Martina. See Hafezparast, Majid.
- Rueff, Jean-Pascal. See Badro, James.
- Ruff, Steven W. See Christensen, Philip R.
- Ruhrberg, Christiana. See Hafezparast, Majid.
- Running, Steven W. See Nemani, Ramakrishna R.
- Rusponi, S. See Gambardella, P.
- Russ, Andreas P. See Hafezparast, Majid.
- Ruvkun, Gary. See Garsin, Danielle A. See also Lee, Siu Sylvia.
- Ryan, Aimee. See Spruck, Charles H.
- Ryan, John. See Chavez, Francisco P.
- S**
- Saffran, Jenny R. See Seidenberg, Mark S.
- Saha, Saurabh. See Bardelli, Alberto.
- Saifullah, M. S. M. See Welland, M. E.
- Saino, Toshiro. See Tsuda, Atsushi.
- Saito, Hiroaki. See Tsuda, Atsushi.
- Saito, Takashi; Furuta, Tadahiko; Hwang, Jung-Hwan; Kuramoto, Shigeru; Nishino, Kazuaki; Suzuki, Nobuaki; Chen, Rong; Yamada, Akira; Ito, Kazuhiko; Seno, Yoshiki; Nonaka, Takamasa; Ikehata, Hideaki; Nagasako, Naoyuki; Iwamoto, Chihiro; Ikuhara, Yuuichi; Sakuma, Taketo: Multifunctional alloys obtained via a dislocation-free plastic deformation mechanism. p464 18 Apr 2003.
- Sakata, Yasuyuki. See Yamamoto, Katsutoshi.
- Sakuma, Taketo. See Saito, Takashi.
- Salzburger, Walter. See Verheyen, Erik.
- Samartzis, P. C. See Rakitzis, T. P.
- Samore, Matthew H. See Lipsitch, Marc.
- Sanchez, Anthony. See Rota, Paul A.
- Sander, Bjoern. See Golas, Monika M.
- Sanfey, Alan G.; Rilling, James K.; Aronson, Jessica A.; Nystrom, Leigh E.; Cohen, Jonathan D.: The neural basis of economic decision-making in the ultimatum game. p1755 13 June 2003.
- Sanford, Eric; Roth, Melissa S.; Johns, Glenn C.; Wares, John P.; Somero, George N.: Local selection and latitudinal variation in a marine predator-prey interaction. p1135 16 May 2003.
- Sanin, A. B. See Mitrofanov, I. G.
- Sansonetti, Philippe J. See Girardin, Stephen E.
- Santer, B. D.; Wigley, T. M. L.; Meehl, G. A.; Wehner, M. F.; Mears, C.; Schabel, M.; Wentz, F. J.; Ammann, C.; Arblaster, J.; Bettge, T.; Washington, W. M.; Taylor, K. E.; Boyle, J. S.; Brüggemann, W.; Doutriaux, C.: Influence of satellite data uncertainties on the detection of externally forced climate change. p1280 23 May 2003.
- Sarao, Renu. See Crackower, Michael A.
- Sauer, Robert T. See Moore, Sean D.
- Saunders, R. S. See Mitrofanov, I. G.
- Savelyeva, Elena; Allakhverdov, Andrei; Lawler, Andrew (news): NASA calls Russia's bluff. p228 11 Apr 2003.
- Savić, Radoslav; Luo, Laibin; Eisenberg, Adi; Maysinger, Dusica: Micellar nanocontainers distribute to defined cytoplasmic organelles. p615 25 Apr 2003.
- Savrasov, S. Y. See Dai, X.
- Sayaman, Rosalyn. See Fry, Steven N.
- Scanlan, Christopher N. See Calarese, Daniel A.
- Schabel, M. See Santer, B. D.
- Schatten, Gerald. See Simerly, Calvin.
- Scheer, Manfred. See Bai, Junfeng.
- Schein, Jacqueline E. See Marra, Marco A.
- Scherer, Stephen W.; Cheung, Joseph; MacDonald, Jeffrey R.; Osborne, Lucy R.; Nakabayashi, Kazuhiko; Herbrick, Jo-Anne; Carson, Andrew R.; Parker-Katirae, Layla; Skaug, Jennifer; Khaja, Razi; Zhang, Junjun; Hudek, Alexander K.; Li, Martin; Haddad, May; Duggan, Gavin E.; Fernandez, Bridget A.; Kanematsu, Emiko; Gentles, Simone; Christopoulos, Constantine C.; Choufani, Sanaa; Kwasnicka, Dorota; Zheng, Xiangqun H.; Lai, Zhongwu; Nusskern, Deborah; Zhang, Qing; Gu, Zhiping; Lu, Fu; Zeesman, Susan; Nowaczyk, Malgorzata J.; Teshima, Ikuko; Chitayat, David; Shuman, Cheryl; Weksberg, Rosanna; Zackai, Elaine H.; Grebe, Theresa A.; Cox, Sarah R.; Kirkpatrick, Susan J.; Rahman, Nazneen; Friedman, Jan M.; Heng, Henry H. Q.; Pelicci, Pier Giuseppe; Lo-Coco, Francesco; Belloni, Elena; Shaffer, Lisa G.; Pober, Barbara; Morton, Cynthia C.; Gusella, James F.; Bruns, Gail A. P.; Korf, Bruce R.; Quade, Bradley J.; Ligon, Azra H.; Ferguson, Heather; Higgins, Anne W.; Leach, Natalia T.; Herrick, Steven R.; Lemyre, Emmanuelle; Farra, Chantal G.; Kim, Hyung-Goo; Summers, Anne M.; Gripp, Karen W.; Roberts, Wendy; Szatmari, Peter; Winsor, Elizabeth J. T.; Grzeschik, Karl-Heinz; Teebi, Ahmed; Minassian, Berge A.; Kere, Juha; Armengol, Lluís; Pujana, Miguel Angel; Estivill, Xavier; Wilson, Michael D.; Koop, Ben F.; Tosi, Sabrina; Moore, Gudrun E.; Boright, Andrew P.; Zlotorynski, Eitan; Kerem, Batsheva; Kroisel, Peter M.; Petek, Erwin; Oscier, David G.; Mould, Sarah J.; Döhner, Hartmut; Döhner, Konstanze; Rommens, Johanna M.; Vincent, John B.; Venter, J. Craig; Li, Peter W.; Mural, Richard J.; Adams, Mark D.; Tsui, Lap-Chee: Human chromosome 7: DNA sequence and biology. p767 2 May 2003.
- Scheurer, Fabrice. See Renaud, Gilles.
- Schiavo, Giampietro. See Hafezparast, Majid.
- Schilling, Govert (news): Astronomers nail down origin of gamma ray bursts. p1860 20 June 2003.
- Schilling, Govert. See Lawler, Andrew.
- Schiøtz, Jakob. See Bilde-Sørensen, Jørgen B.
- Schlamadinger, Bernhard. See Janssens, Ivan A.
- Schlegel, Juergen. See Hafezparast, Majid.
- Schlesinger, Michael E. See Hoffert, Martin I.
- Schlessinger, Joseph: Autoinhibition control (perspective). p750 2 May 2003.
- Schlittler, R. R. See Welland, M. E.
- Schmid-Hempel, Paul: review of *Immunology and Evolution of Infectious Disease*, by Steven A. Frank. p254 11 Apr 2003.
- Schmitz, Birger; Håggström, Therese; Tassinari, Mario: Sediment-dispersed extraterrestrial chromite traces a major asteroid disruption event. p961 9 May 2003.
- Schneble, Dominik; Torii, Yoshio; Boyd, Micah; Streed, Erik W.; Pritchard, David E.; Ketterle, Wolfgang: The onset of matter-wave amplification in a superradiant Bose-Einstein condensate. p475 18 Apr 2003.
- Schoelkopf, R. J. See Spietz, Lafe.
- Schöler, Hans R. See Hübner, Karin.
- Schotte, Friedrich; Lim, Manho; Jackson, Timothy A.; Smirnov, Aleksandr V.; Soman, Jayashree; Olson, John S.; Phillips, George N., Jr.; Wulff, Michael; Anfimov, Philip A.: Watching a protein as it functions with 150-ps time-resolved x-ray crystallography. p1944 20 June 2003.
- Schrattenholzer, Leo. See O'Neill, Brian.
- Schreiber, Stuart L. See Strausberg, Robert L.
- Schrems, O. See Notholt, J.
- Schultz, Patrick. See Richard, Cyrille.
- Schultz, Richard M. See Spruck, Charles H.
- Schultz, T. R.: review of *Phideole in the New World*, by E. O. Wilson. p57 4 Apr 2003.
- Schultz, Wolfram: review of *Decisions, Uncertainty, and the Brain*, by Paul W. Glimcher. p1662 13 June 2003.
- Schulze, E.-Detlef. See Janssens, Ivan A.
- Schulze, Waltraud X. See Frommer, Wolf B.
- Schunack, Michael. See Cirak, Fehmi.
- Schunck, C. H. See Gupta, S.
- Schwartz, Carl E.; Wright, Christopher I.; Shin, Lisa M.; Kagan, Jerome; Rauch, Scott L.: Inhibited and uninhibited infants "grown up": adult amygdala response to novelty. p1952 20 June 2003.
- Schwartz, Stephen E. See Anderson, Theodore L.
- Schwartz, William J. See Van Gelder, Russell N.
- ScienceScope: Biodiversity ticker tapes. p1355 30 May 2003. Blakemore picked to run MRC. p1065 16 May 2003. Canada hopes civility pays. p33 4 Apr 2003. Canada's SARS consortium. p1859 20 June 2003. Cancer group proposes new oversight plan. p719 2 May 2003. A CDC for Hong Kong? p879 9 May 2003. Clinical trials face European directive. p1353 30 May 2003. Court sentences Japanese researcher. p1487 6 June 2003. Ethiopian AIDS project closes. p1861 20 June 2003. E.U., U.S. to team on hydrogen. p1859 20 June 2003. Everglades science examined. p33 4 Apr 2003. Fast flux, R.I.P. p227 11 Apr 2003. Fighting for flight. p561 25 Apr 2003. Finally, Nozomi heads for Mars. p2017 27 June 2003. France cancels Mars mission. p881 9 May 2003. France softens budget cuts. p407 18 Apr 2003. French AIDS agency lives. p231 11 Apr 2003. French researchers fear shrinking public workforce. p2017 27 June 2003. Gates invests in diagnostics. p1355 30 May 2003. Global health brainstorm. p1067 16 May 2003. Green light for Germany's idled neutron source. p407 18 Apr 2003. HHS softens conflicts guidance. p31 4 Apr 2003. House vote gives hope for bigger global AIDS fund. p881 9 May 2003. India updates monsoon forecasting model. p561 25 Apr 2003. India, WHO attack polio. p227 11 Apr 2003. IOM's how-to for big biology. p2015 27 June 2003. Japan loses deep-diving rover after cable snaps. p1639 13 June 2003. Judge sinks salmon plan. p1065 16 May 2003. Koreans join TB battle. p563 25 Apr 2003. Markham to cancer charity. p1861 20 June 2003. Millennium disclaimer. p1637 13 June 2003. MIT out of Media Lab Asia. p1067 16 May 2003. NAS

- elects record number of women. p717 2 May 2003. NASA weaves new webb. p1489 6 June 2003. NASA's road map is hard to follow, review concludes. p1639 13 June 2003. NCI restores abortion facts. p33 4 Apr 2003. NIAID wins budget struggle. p2017 27 June 2003. Norway moves to bar human embryonic stem cell research. p1489 6 June 2003. NSF cools McCain's claims. p405 18 Apr 2003. Panel knocks U.K. plan. p231 11 Apr 2003. Pledge allegiance to 'One HHS'. p1859 20 June 2003. Reinventing the AIDS vaccine enterprise? p31 4 Apr 2003. Russia gets new R&D leaders. p717 2 May 2003. Russia returns to the Arctic ice. p1215 23 May 2003. SARS scuttles major meeting. p231 11 Apr 2003. Science board budget draws blanks at hearing. p229 11 Apr 2003. Shining a light on NEON. p1487 6 June 2003. Smithsonian seeks to boost fellowship at Natural History. p1217 23 May 2003. Soot risks restated. p1215 23 May 2003. Spinning the looting? p719 2 May 2003. Spring break is over. p563 25 Apr 2003. Stanford finds no gender gap in faculty salaries. p1637 13 June 2003. Summer school sans SARS. p879 9 May 2003. Swiss science budget boosted. p1067 16 May 2003. U.K. targets gene research. p2015 27 June 2003. Update: stranded Chinese physicist gets visa. p1217 23 May 2003. Updates: Mars and patent law. p405 18 Apr 2003. World Bank approves Russia TB loan. p229 11 Apr 2003.
- Scorrano, Luca; Oakes, Scott A.; Opferman, Joseph T.; Cheng, Emily H.; Sorcinelli, Mia D.; Pozzan, Tullio; Korsmeyer, Stanley J.: BAX and BAK regulation of endoplasmic reticulum Ca^{2+} : a control point for apoptosis. p135 4 Apr 2003.
- Scufflaire, R. See Aerts, C.
- Seelman, Katherine D. See Cooper, Rory A.
- Seidenberg, Mark S.; MacDonald, Maryellen C.; Saffran, Jenny R.: Are there limits to statistical learning? (letter). p53 4 Apr 2003.
- Seife, Charles (news): Calculations pop the cork on travel through spacetime tunnels. p1489 6 June 2003. Dark energy tiptoes toward the spotlight. p1896 20 June 2003. Has RHIC set quarks free at last? Physicists don't quite say so. p1861 20 June 2003. In clone wars, quantum computers need not apply. p884 9 May 2003. North Korea's not-so-hidden agenda raises the ante. p1358 30 May 2003. Pick your poison: U vs. Pu. p1359 30 May 2003.
- Seife, Charles. See Hellemans, Alexander.
- Seife, Charles (news): With its ingredients Mapped, universe's recipe beckons. p730 2 May 2003.
- Selker, Eric U.: A self-help guide for a trim genome (perspective). p1517 6 June 2003.
- Selvin, Paul R. See Yildiz, Ahmet.
- Sen, Ganes C. See Williams, Bryan R. G.
- Seno, Yoshiaki. See Saito, Takashi.
- Seo, J. W. See Welland, M. E.
- Service, Robert F. (news): Canada vaults into drug-oriented protein research. p28 4 Apr 2003. 'Combat biology' on the Klamath. p36 4 Apr 2003. Gates grows UW's genome program. p723 2 May 2003. Is Berkeley past its prime? p1063 16 May 2003. Nanomaterials show signs of toxicity. p243 11 Apr 2003. Recruiting genes, proteins for a revolution in diagnostics. p236 11 Apr 2003. Scientists launch global Internet research lab. p2016 27 June 2003. Solid hints of a strange state. p1871 20 June 2003. Sorting technique may boost nanotech research. p2018 27 June 2003. Synthetic chemists cast DNA as molecular dance master. p242 11 Apr 2003. Tiny transistors scout for cancer. p242 11 Apr 2003. Tricks for beating the heat help panels see the light. p1219 23 May 2003.
- Seydell, Caroline (news): Quantum dots get wet. p80 4 Apr 2003.
- Shabaker, J. W. See Huber, G. W.
- Shaffer, Lisa G. See Scherer, Stephen W.
- Shao, Yiming. See Klausner, Richard D.
- Shapiro, Beth. See Willerslev, Eske.
- Sharma, Jitendra; Dragoi, Valentin; Tenenbaum, Joshua B.; Miller, Earl K.; Sur, Mriganka: V1 neurons signal acquisition of an internal representation of stimulus location. p1758 13 June 2003.
- Sharma, Sonia; tenOever, Benjamin R.; Grandvaux, Nathalie; Zhou, Guo-Ping; Lin, Rongtuan; Hiscott, John: Triggering the interferon antiviral response through an IKK-related pathway. p1148 16 May 2003.
- Sharp, Paul M. See Bailes, Elizabeth.
- Shaw, Andrew S. See Kim, Jeong M.
- Shaw, John H. See Dolan, James F.
- Shaw, Sidney L.; Kamyar, Roheena; Ehrhardt, David W.: Sustained microtubule treadmilling in *Ara-bidopsis* cortical arrays. p1715 13 June 2003.
- Shearer, Peter M. See Wolfe, Cecily J.
- Shedlock, Devon J. and Shen, Hao: Requirement for CD4 T cell help in generating functional CD8 T cell memory. p337 11 Apr 2003.
- Sheen, Jen. See Moore, Brandon.
- Shelton, W. A. See McKee, R. A.
- Shen, Hao. See Shedlock, Devon J.
- Shen, Z.-X. See Yang, W. L.
- Sheng, Hongwei. See Chen, Mingwei.
- Shermer, Michael: review of *Freedom Evolves*, by Daniel C. Dennett. p56 4 Apr 2003.
- Sherrod, Brian. See Eberhart-Phillips, Donna.
- Sheth, Ujwal and Parker, Roy: Decapping and decay of messenger RNA occur in cytoplasmic processing bodies. p805 2 May 2003.
- Shia, Run-Lie. See Tromp, Tracey K.
- Shiflet, Gary: The more elements, the merrier (perspective). p443 18 Apr 2003.
- Shigemoto, Ryuichi. See Kawakami, Ryosuke.
- Shima, David T. See Hafezparast, Majid.
- Shimamoto, Akifumi. See Tsuda, Atsushi.
- Shin, Lisa M. See Schwartz, Carl E.
- Shinohara, C. See Mitrofanov, I. G.
- Shinohara, Yoshiaki. See Kawakami, Ryosuke.
- Shiomoto, Akihiro. See Tsuda, Atsushi.
- Shiu, Weicheng. See Lin, Jim J.
- Shomron, Noam. See Lev-Maor, Galit.
- Short, R. V. See Potts, M.
- Shouse, Ben (news): Plant pathologists at the center of a circus. p418 18 Apr 2003.
- Shu, Degan and Conway Morris, Simon: Response to comment on "A new species of yunnanozoan with implications for deuterostome evolution" (technical comment). p1372 30 May 2003. www.sciencemag.org/cgi/content/full/300/5624/1372d.
- Shulman, Gerald I. See Petersen, Kitt Falk.
- Shuman, Cheryl. See Scherer, Stephen W.
- Siddiqi, I. See Spietz, Lafe.
- Siddiqui, Asim. See Marra, Marco A.
- Siderovski, David P. See Colombo, Kelly.
- Siders, Craig W. and Cavalleri, Andrea: Creating transient crystal structures with light (perspective). p591 25 Apr 2003.
- Sieh, Kerry. See Eberhart-Phillips, Donna.
- Sifri, Costi D. See Garsin, Danielle A.
- Silliman, Natalie. See Bardelli, Alberto.
- Simerly, Calvin; Dominko, Tanja; Navara, Christopher; Payne, Christopher; Capuano, Saverio; Gosman, Gabriella; Chong, Kowit-Yu; Takahashi, Diana; Chace, Crista; Compton, Duane; Hewitson, Laura; Schatten, Gerald: Molecular correlates of primate nuclear transfer failures. p297 11 Apr 2003.
- Sinervo, Barry and Clobert, Jean: Morphs, dispersal behavior, genetic similarity, and the evolution of cooperation. p1949 20 June 2003.
- Singhal, R. P. See Ledingham, K. W. D.
- Singleton, Andrew. See Hardy, John.
- Sitar, Nicholas. See Eberhart-Phillips, Donna.
- Sivaram, Saujan. See Chisholm, Matthew F.
- Skaug, Jennifer. See Scherer, Stephen W.
- Skodje, Rex T. See Dai, Dongxu.
- Skowronski, Danuta M. See Marra, Marco A.
- Smailus, Duane E. See Marra, Marco A.
- Smalley, Richard E. See Chisholm, Matthew F.
- Smirnov, Aleksandr V. See Schotte, Friedrich.
- Smith, Adrian P. L. See Spruck, Charles H.
- Smith, Anne C. See Wirth, Sylvia.
- Smith, Charles G.: Research fraud, public policy, and gun control (letter). p1505 6 June 2003.
- Smith, D. E. See Mitrofanov, I. G.
- Smith, Michael D. See Christensen, Philip R.
- Smith, Michael K. See Ng, Hou T.
- Smith, Pete. See Janssens, Ivan A.
- Snelling, Roy R. See Davidson, Diane W.
- Snoeks, Jos. See Verheyen, Erik.
- Snyder, Michael and Gerstein, Mark: Defining genes in the genomics era (perspective). p258 11 Apr 2003.
- Snyderman, Ralph. See Williams, R. Sanders.
- Sohrin, Yoshiaki. See Tsuda, Atsushi.
- Söllner, Thomas H. See Hu, Chuan.
- Soman, Jayashree. See Schotte, Friedrich.
- Somero, George N. See Sanford, Eric.
- Song, Bong-Shik; Noda, Susumu; Asano, Takashi: Photonic devices based on in-plane hetero photonic crystals. p1537 6 June 2003.
- Song, Jianbo; Wu, Lingling; Chen, Zun; Kohanski, Ronald A.; Pick, Leslie: Axons guided by insulin receptor in *Drosophila* visual system. p502 18 Apr 2003.
- Sood, A. K. See Ghosh, S.
- Soong, Daniel Y. H. See Zicha, Daniel.
- Sorci, Gabriele. See Faivre, Bruno.
- Sorcinelli, Mia D. See Scorrano, Luca.
- Sorek, Rotem. See Lev-Maor, Galit.
- Sorger, Peter K. See Swedlow, Jason R.
- Souza, Valeria. See Bjedov, Ivana.
- Spencer, Rebecca M. C.; Zelaznik, Howard N.; Diedrichsen, Jörn; Ivry, Richard B.: Disrupted timing of discontinuous but not continuous movements by cerebellar lesions. p1437 30 May 2003.
- Spietz, Lafe; Lehnert, K. W.; Siddiqi, I.; Schoelkopf, R. J.: Primary electronic thermometry using the shot noise of a tunnel junction. p1929 20 June 2003.
- Spruck, Charles H.; de Miguel, Maria P.; Smith, Adrian P. L.; Ryan, Aimee; Stein, Paula; Schultz, Richard M.; Lincoln, A. Jeannine; Donovan, Peter J.; Reed, Steven I.: Requirement of Cks2 for the first metaphase/anaphase transition of mammalian meiosis. p647 25 Apr 2003.
- Staddon, Philip L.; Bronk Ramsey, Christopher; Ostle, Nick; Ineson, Philip; Fitter, Alastair H.: Rapid turnover of hyphae of mycorrhizal fungi determined by AMS microanalysis of ^{14}C . p1138 16 May 2003.
- Stadermann, Frank J. See Messenger, Scott.
- Stahle, C. K. See Beiersdorfer, P.
- Stan, C. A. See Gupta, S.
- Standish, E. M. See Yoder, C. F.
- Stanfield, Robyn L. See Calarese, Daniel A.
- Stark, Holger. See Golas, Monika M.
- Starr, Douglas (news): Revisiting a 1930s scandal, AACR to rename a prize. p573 25 Apr 2003.
- Stearns, Stephen C. See Ackermann, Martin.
- Stein, Paula. See Spruck, Charles H.
- Steinberg, Jordan P. See Chung, Heng Jung.
- Steinhardt, Paul. See Ostriker, Jeremiah P.
- Stephens, David J. and Allan, Victoria J.: Light microscopy techniques for live cell imaging. p82 4 Apr 2003.
- Stewart, Colin L. See De Sandrej-Giovannoli, Annachiara.
- Stocks, G. M. See McKee, R. A.

- Stokstad, Erik (news): Ancient DNA pulled from soil. p407 18 Apr 2003. EPA report takes heat for climate change edits. p2013 27 June 2003. Nebraska husks research to ease budget squeeze. p35 4 Apr 2003. Whitman leaves science legacy at EPA. p1351 30 May 2003.
- Stolz, John F. *See* Oremland, Ronald S.
- Stone, Richard: Science, ethics, and war (letter). p1234 23 May 2003.
- Stone, Richard (news): Another Middle East showdown. p1642 13 June 2003. For a long-suffering population, uncertainty reigns. p1222 23 May 2003. Plutonium fields forever. p1220 23 May 2003. Safe haven for a breeder's plutonium hoard. p1224 23 May 2003. State-of-the-art nuclear sleuths. p1643 13 June 2003.
- Stone, Richard. *See* Ash, Caroline.
- Stott, Jeff M. *See* Marra, Marco A.
- Strauch, F. W. *See* Berkley, A. J.
- Strausberg, Robert L. and Schreiber, Stuart L.: From knowing to controlling: a path from genomics to drugs using small molecule probes. p294 11 Apr 2003.
- Strauss, Evelyn (news): Single signal unites treatments that prolong life. p881 9 May 2003.
- Strauss, Jerome F., III. *See* Hübner, Karin.
- Strauss, Steven H.: Genomics, genetic engineering, and domestication of crops. p61 4 Apr 2003.
- Streed, Erik W. *See* Schneble, Dominik.
- Stroher, Ute. *See* Marra, Marco A.
- Struzhkin, Viktor V. *See* Badro, James.
- Stumm, Gabriele. *See* Hafezparast, Majid.
- Stumpf, Michael P. H. *See* Mead, Simon.
- Stute, Martin. *See* van Geen, Alexander.
- Su, Xin-zhuan. *See* Joy, Deirdre A.
- Sudou, Hiroshi; Iguchi, Satoru; Murata, Yasuhiro; Taniguchi, Yoshiaki: Orbital motion in the radio galaxy 3C 66B: evidence for a supermassive black hole binary. p1263 23 May 2003.
- Sugden, Andrew M.; Jasny, Barbara R.; Culotta, Elizabeth; Pennisi, Elizabeth (news): Charting the evolutionary history of life. p1691 13 June 2003.
- Sugiyama, Hiroyuki. *See* Kawakami, Ryosuke.
- Suh, Edward. *See* Joy, Deirdre A.
- Sujaoti, Kristina. *See* Lai, Zhiping.
- Sumida, Yasutaka. *See* Kamata, Keigo.
- Summers, Anne M. *See* Scherer, Stephen W.
- Sumpter, Rhea, Jr. *See* Foy, Eileen.
- Sun, Joseph C. and Bevan, Michael J.: Defective CD8 T cell memory following acute infection without CD4 T cell help. p339 11 Apr 2003.
- Sur, Mriganka. *See* Sharma, Jitendra.
- Surai, Peter F. *See* Blount, Jonathan D.
- Suzaki, Yoshifumi. *See* Tian, Peifang.
- Suzuki, Koji. *See* Tsuda, Atsushi.
- Suzuki, Nobuaki. *See* Saito, Takashi.
- Suzuki, Wendy A. *See* Wirth, Sylvia.
- Swart, Rob; Moreira, Jose Roberto; Morita, Tsuneyuki; Nakicenovic, Nebojsa; Pitcher, Hugh; Rogner, Hans-Holger: Planning for future energy resources (letter). p581 25 Apr 2003.
- Swartz, C. *See* Harvey, C. F.
- Swedlow, Jason R.; Goldberg, Ilya; Brauner, Erik; Sorger, Peter K.: Informatics and quantitative analysis in biological imaging. p100 4 Apr 2003.
- Szabo, Steve. *See* Bardelli, Alberto.
- Szatmari, Peter. *See* Scherer, Stephen W.
- Tamin, Azaibi. *See* Rota, Paul A.
- Tan, Chorh Chuan. *See* Lipsitch, Marc.
- Tani, Heihachiro. *See* Tsuda, Atsushi.
- Taniguchi, Yoshiaki. *See* Sudou, Hiroshi.
- Tanton, John H.: African food security and population growth (letter). p2033 27 June 2003.
- Tao, Huizhong W. *See* Zhou, Qiang.
- Taponnion, Paul. *See* Bowman, David.
- Tassinari, Mario. *See* Schmitz, Birger.
- Tatsumi, Takashi. *See* Yamamoto, Katsutoshi.
- Tauxe, Lisa. *See* Johnson, Catherine L.
- Taylor, K. E. *See* Santer, B. D.
- Taylor, Michael S. and Hellberg, Michael E.: Larvae retention: genes or oceanography? (letter). p1657 13 June 2003.
- Teichert, Simone. *See* Collet, Eric.
- Tedin, Karsten. *See* Girardin, Stephen E.
- Teebi, Ahmed. *See* Scherer, Stephen W.
- Teichmann, Sarah A. *See* Chothia, Cyrus.
- Temeles, Ethan J. and Kress, W. John: Adaptation in a plant-hummingbird association. p630 25 Apr 2003.
- Tenaillon, Olivier. *See* Bjedov, Ivana.
- Tenenbaum, Joshua B. *See* Sharma, Jitendra.
- tenOever, Benjamin R. *See* Sharma, Sonia.
- Tenson, Tanel. *See* Elf, Johan.
- Terasaki, Osamu. *See* Lai, Zhiping.
- Tersoff, J. *See* Misewich, J. A.
- Teshima, Ikuko. *See* Scherer, Stephen W.
- Tesmer, John J. G. *See* Lodowski, David T.
- Thach, Thuan Q. *See* Riley, Steven.
- The Rice Chromosome 10 Sequencing Consortium: In-depth view of structure, activity, and evolution of rice chromosome 10. p1566 6 June 2003.
- Thomas, Matthew R. *See* Chick, John H.
- Thomassen, David G. *See* Frazier, Marvin E.
- Thompson, Jennifer L. *See* Kaye, Rakez.
- Thompson, Katherine H. and Orvig, Chris: Boon and bane of metal ions in medicine. p936 9 May 2003.
- Thompson, Robert W. *See* Lai, Zhiping.
- Thornton, Geoff: Watching nanoparticles grow (perspective). p1378 30 May 2003.
- Thoul, A. *See* Aerts, C.
- Tian, Peifang; Keusters, Dorine; Suzaki, Yoshifumi; Warren, Warren S.: Femtosecond phase-coherent two-dimensional spectroscopy. p1553 6 June 2003.
- Tielens, A. G. G. M.: Peering into stardust (perspective). p68 4 Apr 2003.
- Tillotson, W. A. *See* Beiersdorfer, P.
- Tilmann, Frederik; Ni, James; INDEPTH III Seismic Team: Seismic imaging of the downwelling Indian lithosphere beneath central Tibet. p1424 30 May 2003.
- Tipples, Graham A. *See* Marra, Marco A.
- Titus, Timothy N. *See* Christensen, Philip R.
- Toda, Takashi. *See* Hafezparast, Majid.
- Toenniessen, Gary. *See* Conway, Gordon.
- Tokutake, Yoichiro. *See* Hutson, M. Shane.
- Tolonen, Andrew C. *See* Lee, Siu Sylvia.
- Tompkins, Lucy S. *See* Amieva, Manuel R.
- Tong, Suxiong. *See* Rota, Paul A.
- Toomes, R. L. *See* Rakitzis, T. P.
- Toon, G. C. *See* Notholt, J.
- Torii, Yoshio. *See* Schneble, Dominik.
- Tornero, Pablo. *See* Axness, Carl.
- Torsvik, Trond H.: The Rodinia jigsaw puzzle (perspective). p1379 30 May 2003.
- Tosi, Sabrina. *See* Scherer, Stephen W.
- Toth, Ferenc. *See* O'Neill, Brian.
- Toupet, Loic. *See* Collet, Eric.
- Towe, Kenneth M.: Evolution of protein amino acids (letter). p1370 30 May 2003.
- Tramont, Edmund. *See* Klausner, Richard D.
- Trathan, P. N. *See* Croxall, J. P.
- Trautman, Jonathan K. *See* Bibikova, Marina.
- Trenberth, Kevin E. and Otto-Bliesner, Bette L.: Toward integrated reconstruction of past climates (perspective). p589 25 Apr 2003.
- Tretyakov, V. *See* Mitrofanov, I. G.
- Trojanowski, John Q. *See* Giasson, Benoit I.
- Tromp, Tracey K.; Shia, Run-Lie; Allen, Mark; Eiler, John M.; Yung, Y. L.: Potential environmental impact of a hydrogen economy on the stratosphere. p1740 13 June 2003.
- Trono, Didier: Picking the right spot (perspective). p1670 13 June 2003.
- Tsang, J. C. *See* Misewich, J. A.
- Tsang, Thomas. *See* Riley, Steven.
- Tsapatsis, Michael. *See* Lai, Zhiping.
- Tsuda, Atsushi; Takeda, Shigenobu; Saito, Hiroaki; Nishioka, Jun; Nojiri, Yukihiko; Kudo, Isao; Kiyosawa, Hiroshi; Shiimoto, Akihiro; Imai, Keiri; Ono, Tsunee; Shimamoto, Akifumi; Tsumune, Daisuke; Yoshimura, Takeshi; Aono, Tatsuo; Hinuma, Akira; Kinugasa, Masatoshi; Suzuki, Koji; Sohrin, Yoshiki; Noiri, Yoshifumi; Tani, Heihachiro; Deguchi, Yuji; Tsurushima, Nobuo; Ogawa, Hiroshi; Fukami, Kimio; Kuma, Kenshi; Saino, Toshiro: A mesoscale iron enrichment in the western subarctic Pacific induces a large centric diatom bloom. p958 9 May 2003.
- Tsui, Lap-Chee. *See* Scherer, Stephen W.
- Tsumune, Daisuke. *See* Tsuda, Atsushi.
- Tsurushima, Nobuo. *See* Tsuda, Atsushi.
- Tucker, Compton J. *See* Neman, Ramakrishna R.
- Turner, Christine E. *See* Karl, Herman A.
- Tyler, Shaun. *See* Marra, Marco A.
- Ueda, Kazushige. *See* Nomura, Kenji.
- Ulrich, Olivier. *See* Renaud, Gilles.
- Unanue, Emil R. *See* Kim, Jeong M.
- Unutmaz, Derya. *See* McDonald, David.
- Uphill, James B. *See* Mead, Simon.
- Upton, Chris. *See* Marra, Marco A.
- Valdivielso, Jose M. *See* Muñoz-Pinedo, Cristina.
- Vale, Ronald D. *See* Naber, Nariman.
- Valentine, James W. *See* Jablonski, David.
- Valentini, Riccardo. *See* Janssens, Ivan A.
- Valle, Mikel; Gillet, Reynald; Kaur, Sukhjit; Henne, Anke; Ramakrishnan, V.; Frank, Joachim: Visualizing tmRNA entry into a stalled ribosome. p127 4 Apr 2003.
- van der Lee, Suzan. *See* van der Meijde, Mark.
- van der Meijde, Mark; Marone, Federica; Giardini, Domenico; van der Lee, Suzan: Seismic evidence for water deep in Earth's upper mantle. p1556 6 June 2003.
- van der Plicht, Johannes. *See* Bruins, Hendrik J.
- van Geen, Alexander; Zheng, Yan; Stute, Martin; Ahmed, Kazi Matin: Comment on "Arsenic mobility and groundwater extraction in Bangladesh" (II) (technical comment). p584 25 Apr 2003. www.sciencemag.org/cgi/content/full/300/5619/584c.
- Van Gelder, Russell N.; Herzog, Erik D.; Schwartz, William J.; Taghert, Paul H.: Circadian rhythms: in the loop at last. p1534 6 June 2003.
- van Kempen, E. G. M. *See* Gupta, S.
- Van Swygenhoven, H. *See* Hasnaoui, A.
- Vankó, György. *See* Badro, James.
- Varmus, Harold. *See* Klausner, Richard D.
- Vartanyants, I. *See* Zuo, J. M.
- Vasyutinskii, O. S. *See* Rakitzis, T. P.
- Vaudry, David; Falluel-Morel, Anthony; Leuillet, Sébastien; Vaudry, Hubert; Gonzalez, Bruno J.: Regulators of cerebellar granule cell development act through specific signaling pathways. p1532 6 June 2003.
- Vaudry, Hubert. *See* Vaudry, David.
- Veigel, Claudia. *See* Molloy, Justin E.
- Velculescu, Victor E. *See* Bardelli, Alberto.
- Venakides, Stephanos. *See* Hutson, M. Shane.
- Vendramin, Giovanni G. *See* Petit, Rémy J.

T, U, and V

- Taddei, François. *See* Bjedov, Ivana.
- Tagami, Hideaki. *See* Grossman, Steven R.
- Taghert, Paul H. *See* Van Gelder, Russell N.
- Taha, Muhamed-Kheir. *See* Girardin, Stephen E.
- Takahashi, Diana. *See* Simerly, Calvin.
- Takahashi, Yoko. *See* Yamamoto, Katsutoshi.
- Takeda, Shigenobu. *See* Tsuda, Atsushi.
- Takigawa, Toshikazu. *See* Fukushima, Takanori.

Venter, J. Craig. See Scherer, Stephen W.
 Verhaar, B. J. See Gupta, S.
 Verheyen, Erik; Salzburger, Walter; Snoeks, Jos; Meyer, Axel: Origin of the superclade of cichlid fishes from Lake Victoria, East Africa. p325 11 Apr 2003.
 Veronese, M. See Gambardella, P.
 Viala, Jérôme. See Girardin, Stephen E.
 Vilaire, Gaston. See Li, Renhao.
 Villanueva, Jacinto M. See Garsin, Danielle A.
 Vincent, John B. See Scherer, Stephen W.
 Virovets, Alexander V. See Bai, Junfeng.
 Viswanath, R. N. See Weissmüller, J.
 Viveiros, Maria M. See Burns, Kathleen H.
 Vlachos, Dionisios G. See Lai, Zhiping.
 Vodak, David T. See Rosi, Nathaniel L.
 Vogel, Christine. See Chothia, Cyrus.
 Vogel, Gretchen (news): Can great apes be saved from Ebola? p1645 13 June 2003. F-16 deal lifts Polish science. p565 25 Apr 2003. Flood of sequence data yields clues but few answers. p1062 16 May 2003. Misguided chromosomes foil primate cloning. p225 11 Apr 2003. Modelers struggle to grasp epidemic's potential scope. p558 25 Apr 2003. Oocytes spontaneously generated. p721 2 May 2003. Retrenchment at the Max Planck Society. p1638 13 June 2003. Sheep fail to produce golden fleece. p2015 27 June 2003. Unexpected riches from a fabled gold mine. p890 9 May 2003.
 Vogel, Gretchen. See Clery, Daniel. See also Enserink, Martin.
 Vogelmann, Roger. See Amieva, Manuel R.
 Vogelstein, Bert. See Bardelli, Alberto.
 Vogrig, Robert. See Marra, Marco A.
 Volk, Tyler. See Hoffert, Martin I.

W, X, Y, and Z

Wabnitz, Philipp. See Hafezparast, Majid.
 Wada, Teiji. See Crackower, Michael A.
 Wadhvani, Parvesh. See Anand, Kanchan.
 Wadsworth, Patricia: Persistence pays (perspective). p1675 13 June 2003.
 Waelkens, C. See Aerts, C.
 Wager, John F.: Transparent electronics (perspective). p1245 23 May 2003.
 Waghmare, Alpina. See Eden, Amir.
 Wagner, J. D. and Caudill, S. R.: Women scientists: 9.3 minutes of fame? (letter). p1875 20 June 2003.
 Wake, David B.: review of *The Development of Animal Form*, by Alessandro Minelli. p1663 13 June 2003.
 Walker, F. J. See McKee, R. A.
 Walker, Robert M. See Messenger, Scott.
 Wallace, Wesley K. See Eberhart-Phillips, Donna.
 Walter, William. See Liu, Qinglian.
 Walters, LeRoy: Revisiting the cloning debate (letter). p2031 27 June 2003.
 Wang, Alex. See Joy, Deirdre A.
 Wang, Chia C. See Dai, Dongxu.
 Wang, Chunfu. See Foy, Eileen.
 Wang, Congjun. See Yu, Dong.
 Wang, David. See Rota, Paul A.
 Wang, Eng. See Zhang, Guangyu.
 Wang, Guo-Yong. See Huberman, Andrew D.
 Wang, Hengbin. See Plath, Kathrin.
 Wang, Hsien-yu and Malbon, Craig C.: Wnt signaling, Ca²⁺, and cyclic GMP: visualizing Frizzled functions. p1529 6 June 2003.
 Wang, Lai-Sheng. See Kuznetsov, Aleksey E.
 Wang, Pei. See Burns, Kathleen H.
 Wang, Xiaoke. See Liu, Jianguo.
 Wang, Xiuyan. See Dai, Dongxu.
 Wang, Yinmin. See Chen, Mingwei.
 Wang, Yongchang. See Leventhal, Audie G.
 Wang, Yuhuang. See Chisholm, Matthew F.
 Ward, Diane. See Marra, Marco A.

Ward, Michael D.: Molecular fuel tanks (perspective). p1104 16 May 2003.
 Wardle, David A.; Hörnberg, Greger; Zackrisson, Olle; Kalela-Brundin, Maarit; Coomes, David A.: Long-term effects of wildfire on ecosystem properties across an island area gradient. p972 9 May 2003.
 Wares, John P. See Sanford, Eric.
 Warner, Robert R. and Palumbi, Steven R.: Larvae retention: genes or oceanography? (letter). p1657 13 June 2003.
 Warren, Warren S. See Tian, Peifang.
 Washington, W. M. See Santer, B. D.
 Wasserheit, Judith N. See Klausner, Richard D.
 Watanabe, Yoshinori. See Kitajima, Tomoya S.
 Watson, Brynn. See Marra, Marco A.
 Wattle, Sigrid. See Hafezparast, Majid.
 Webb, Frank H. See Melbourne, Timothy I.
 Webb, Watt W. See Larson, Daniel R.
 Weber, James L. See Rosenberg, Noah A.
 Webster, Paul (news): Will oil spell trouble for Western Pacific gray whales? p1365 30 May 2003.
 Wehner, M. F. See Santer, B. D.
 Weijer, Cornelis J.: Visualizing signals moving in cells. p96 4 Apr 2003.
 Wein, Lawrence M. See Kaplan, Edward H.
 Weinreb, Sander: Communication from space: radio and optical (letter). p901 9 May 2003.
 Weinzierl, C. See Notholt, J.
 Weisel, John W. See Li, Renhao.
 Weiss, Giselle (news): ESA and the European Union: a marriage made in the heavens? p571 25 Apr 2003.
 Weissmüller, J.; Viswanath, R. N.; Kramer, D.; Zimmer, P.; Würschum, R.; Gleiter, H.: Charge-induced reversible strain in a metal. p312 11 Apr 2003.
 Weksberg, Rosanna. See Scherer, Stephen W.
 Weliky, Michael. See Chiu, Chiayu.
 Welland, M. E.; Durkan, C.; Saifullah, M. S. M.; Seo, J. W.; Schlittler, R. R.; Gimzewski, J. K.: Response to comment on "Single crystals of single-walled carbon nanotubes formed by self-assembly" (technical comment). p1236 23 May 2003. www.sciencemag.org/cgi/content/full/300/5623/1236c.
 Weller, R. See Notholt, J.
 Wellstood, F. C. See Berkley, A. J.
 Wentz, F. J. See Santer, B. D.
 Wheeler, Christopher. See Ellwood, Brooks B.
 White, Nicholas J. See Joy, Deirdre A.
 Whitfield, Jerome. See Mead, Simon.
 Wickelgren, Ingrid (news): Spinning junk into gold. p1646 13 June 2003.
 Wickens, Marvin and Goldstroom, Aaron: A place to die, a place to sleep (perspective). p753 2 May 2003.
 Wigley, T. M. L. See Santer, B. D.
 Wigley, Tom M. L. See Hoffert, Martin I.
 Wilf, Peter; Cúneo, N. Rubén; Johnson, Kirk R.; Hicks, Jason F.; Wing, Scott L.; Obradovich, John D.: High plant diversity in Eocene South America: evidence from Patagonia. p122 4 Apr 2003.
 Will, Cindy L. See Golas, Monika M.
 Willard, Francis S. See Colombo, Kelly.
 Willard, Huntington F. See Williams, R. Sanders.
 Willerslev, Eske; Hansen, Anders J.; Binladen, Jonas; Brand, Tina B.; Gilbert, M. Thomas P.; Shapiro, Beth; Bunce, Michael; Wiuf, Carsten; Gilichinsky, David A.; Cooper, Alan: Diverse plant and animal genetic records from Holocene and Pleistocene sediments. p791 2 May 2003.
 Williams, Bryan R. G. and Sen, Ganes C.: A viral on/off switch for interferon (perspective). p1100 16 May 2003.
 Williams, John G.: Sardine fishing in the early 20th century (letter). p2032 27 June 2003.

Williams, R. Sanders; Willard, Huntington F.; Snyderman, Ralph: Personalized health planning (editorial). p549 25 Apr 2003.
 Williams, Rebecca M. See Larson, Daniel R.
 Willson, James K. V. See Bardelli, Alberto.
 Wilson, Ian A. See Calarese, Daniel A.
 Wilson, Kenneth; Moore, Sarah L.; Owens, Ian P. F.: Response to comment on "Parasites as a viability cost of sexual selection in natural populations of mammals" (technical comment). p55 4 Apr 2003. www.sciencemag.org/cgi/content/full/300/5616/55b.
 Wilson, Michael D. See Scherer, Stephen W.
 Wilson, P. R. See Ainley, D. G.
 Wilson, Richard. See Lerch, Irving.
 Wilson, Richard D. and Krakowski, Robert: Planning for future energy resources (letter). p581 25 Apr 2003.
 Wing, Scott L. See Wilf, Peter.
 Winick, Herman. See Lerch, Irving.
 Winkler, Cheryl A. See Kim, Jeong M.
 Winsor, Elizabeth J. T. See Scherer, Stephen W.
 Wirth, Sylvia; Yanike, Marianna; Frank, Loren M.; Smith, Anne C.; Brown, Emery N.; Suzuki, Wendy A.: Single neurons in the monkey hippocampus and learning of new associations. p1578 6 June 2003.
 Wise, Frank W. See Larson, Daniel R.
 Witherden, Abi S. See Hafezparast, Majid.
 Wiuf, Carsten. See Willerslev, Eske.
 Woehler, E. J. See Ainley, D. G.
 Wolfe, Cecily J.; Okubo, Paul G.; Shearer, Peter M.: Mantle fault zone beneath Kilauea volcano, Hawaii. p478 18 Apr 2003.
 Wolfe, Sidney M.: Ephedra—scientific evidence versus money/politics. p437 18 Apr 2003.
 Wolff, Janpeter. See Cirak, Fehmi.
 Woo, Hyun Ae; Chae, Ho Zoon; Hwang, Sung Chul; Yang, Kap-Seok; Kang, Sang Won; Kim, Kanhwa; Rhee, Sue Goo: Reversing the inactivation of peroxiredoxins caused by cysteine sulfenic acid formation. p653 25 Apr 2003.
 Wood, Jennifer. See Hübnner, Karin.
 Wood, Zachary A.; Poole, Leslie B.; Karplus, P. Andrew: Peroxiredoxin evolution and the regulation of hydrogen peroxide signaling. p650 25 Apr 2003.
 Wormald, Mark R. See Calarese, Daniel A.
 Worringer, Kathleen A. See Plath, Kathrin.
 Wren, Kathy: From lab rats to news hounds (AAAS News & Notes). p2051 27 June 2003. Scientists use radio to reach out to kids (AAAS News & Notes). p2050 27 June 2003.
 Wright, Christopher I. See Schwartz, Carl E.
 Wu, Hui. See Kim, Jeong M.
 Wu, Jianguo; Huang, Jianhui; Han, Xingguo; Xie, Zongqiang; Gao, Xianming: Three-Gorges Dam—experiment in habitat fragmentation? p1239 23 May 2003.
 Wu, Li. See McDonald, David.
 Wu, Lingling. See Song, Jianbo.
 Wu, Xiaolin; Li, Yuan; Crise, Bruce; Burgess, Shawn M.: Transcription start regions in the human genome are favored targets for MLV integration. p1749 13 June 2003.
 Wu, Yaotang. See Cho, Gyunggoo.
 Wulff, Michael. See Collet, Eric. See also Schotte, Friedrich.
 Würschum, R. See Weissmüller, J.
 Wyatt, Michael B. See Christensen, Philip R.
 Xi, Xiaohui. See Yao, Meng-Chao.
 Xiang, Yang and Kobilka, Brian K.: Myocyte adrenoceptor signaling pathways. p1530 6 June 2003.
 Xie, Zongqiang. See Wu, Jianguo.
 Xu, H. See Berkeley, A. J.
 Xu, Xiaoshan. See Moro, Ramiro.
 Xue, Tianhan and Roy, Rustum: Studying traditional Chinese medicine (letter). p740 2 May 2003.

- Yaghi, Omar M. *See* Rosi, Nathaniel L.
- Yamada, Akira. *See* Saito, Takashi.
- Yamaguchi, Kazuya. *See* Kamata, Keigo.
- Yamamoto, Ayumu. *See* Hafezparast, Majid.
- Yamamoto, Katsutoshi; Sakata, Yasuyuki; Nohara, Yuki; Takahashi, Yoko; Tatsumi, Takashi: Organic-inorganic hybrid zeolites containing organic frameworks. p470 18 Apr 2003.
- Yamamoto, Masayuki. *See* Kitajima, Tomoya S.
- Yamamoto, Takashi. *See* Fukushima, Takanori.
- Yang, George S. *See* Marra, Marco A.
- Yang, Kap-Seok. *See* Woo, Hyun Ae.
- Yang, W. L.; Brouet, V.; Zhou, X. J.; Choi, Hyoung J.; Louie, Steven G.; Cohen, Marvin L.; Kellar, S. A.; Bogdanov, P. V.; Lanzara, A.; Goldoni, A.; Parmigiani, F.; Hussain, Z.; Shen, Z.-X.: Band structure and Fermi surface of electron-doped C_{60} monolayers. p303 11 Apr 2003.
- Yang, Xueming. *See* Dai, Dongxu.
- Yanike, Marianna. *See* Wirth, Sylvia.
- Yao, Meng-Chao; Fuller, Patrick; Xi, Xiaohui: Programmed DNA deletion as an RNA-guided system of genome defense. p1581 6 June 2003.
- Yaron, Bruno. *See* Dror, Ishai.
- Yildiz, Ahmet; Forkey, Joseph N.; McKinney, Sean A.; Ha, Taekjip; Goldman, Yale E.; Selvin, Paul R.: Myosin V walks hand-over-hand: single fluorophore imaging with 1.5-nm localization. p2061 27 June 2003.
- Yin, Shuangye. *See* Moro, Ramiro.
- Yoder, C. F.; Konopliv, A. S.; Yuan, D. N.; Standish, E. M.; Folkner, W. M.: Fluid core size of Mars from detection of the solar tide. p299 11 Apr 2003.
- Yokobayashi, Shihori. *See* Kitajima, Tomoya S.
- Yonehara, Koji. *See* Kamata, Keigo.
- Yoshimura, Takeshi. *See* Tsuda, Atsushi.
- Yount, Ralph G. *See* Naber, Nariman.
- Yu, Dong; Wang, Congjun; Guyot-Sionnest, Philippe: n-type conducting CdSe nanocrystal solids. p1277 23 May 2003.
- Yu, Edward W.; McDermott, Gerry; Zgurskaya, Helen I.; Nikaido, Hiroshi; Koshland, Daniel E., Jr.: Structural basis of multiple drug-binding capacity of the AcrB multidrug efflux pump. p976 9 May 2003.
- Yu, W. *See* Harvey, C. F.
- Yuan, D. N. *See* Yoder, C. F.
- Yuan, Jie. *See* Ricaurte, George A.
- Yung, Y. L. *See* Tromp, Tracey K.
- Zackai, Elaine H. *See* Scherer, Stephen W.
- Zackrisson, Olle. *See* Wardle, David A.
- Zähringer, Ulrich. *See* Girardin, Stephen E.
- Zeesman, Susan. *See* Scherer, Stephen W.
- Zehtab, Omid. *See* Kryukov, Gregory V.
- Zeilhofer, Hanns Ulrich. *See* Ahmadi, Seifollah.
- Zelaznik, Howard N. *See* Spencer, Rebecca M. C.
- Zeller, R. *See* Gambardella, P.
- Zerhouni, Elias: Stem cell programs. p911 9 May 2003.
- Zettl, A. *See* Mickelson, W.
- Zgurskaya, Helen I. *See* Yu, Edward W.
- Zhai, Hua-Jin. *See* Kuznetsov, Aleksey E.
- Zhang, Guangyu; Jiang, Xin; Wang, Enge: Tubular graphite cones. p472 18 Apr 2003.
- Zhang, Junjun. *See* Scherer, Stephen W.
- Zhang, Qing. *See* Scherer, Stephen W.
- Zhang, R. *See* Zuo, J. M.
- Zhang, Yi. *See* Plath, Kathrin.
- Zheng, Xiangqun H. *See* Scherer, Stephen W.
- Zheng, Yan. *See* van Geen, Alexander.
- Zhivotovsky, Lev A. *See* Rosenberg, Noah A.
- Zhou, Guo-Ping. *See* Sharma, Sonia.
- Zhou, Jingang. *See* Lin, Jim J.
- Zhou, Li. *See* Moore, Brandon.
- Zhou, Qiang; Tao, Huizhong W.; Poo, Mu-ming: Reversal and stabilization of synaptic modifications in a developing visual system. p1953 20 June 2003.
- Zhou, X. J. *See* Yang, W. L.
- Zhou, Yifeng. *See* Leventhal, Audie G.
- Zhu, Ping. *See* Calarese, Daniel A.
- Zicha, Daniel; Dobbie, Ian M.; Holt, Mark R.; Monypenny, James; Soong, Daniel Y. H.; Gray, Colin; Dunn, Graham A.: Rapid actin transport during cell protrusion. p142 4 Apr 2003.
- Ziebuhr, John. *See* Anand, Kanchan.
- Zimmer, Carl (news): Darwinian vaccines. p1363 30 May 2003. How the mind reads other minds. p1079 16 May 2003. Rapid evolution can foil even the best-laid plans. p895 9 May 2003. Taming pathogens: an elegant idea, but does it work? p1362 30 May 2003.
- Zimmer, Jochen. *See* Kuo, Anling.
- Zimmer, P. *See* Weissmüller, J.
- Zinner, Ernst: An isotopic view of the early solar system (perspective). p265 11 Apr 2003.
- Zinner, Ernst. *See* Messenger, Scott.
- Zipfel, Warren R. *See* Larson, Daniel R.
- Zlotorynski, Eitan. *See* Scherer, Stephen W.
- Zou, Lee and Elledge, Stephen J.: Sensing DNA damage through ATRIP recognition of RPA-ssDNA complexes. p1542 6 June 2003.
- Zuber, M. T. *See* Mitrofanov, I. G.
- Zuo, J. M.; Vartanyants, I.; Gao, M.; Zhang, R.; Nagahara, L. A.: Atomic resolution imaging of a carbon nanotube from diffraction intensities. p1419 30 May 2003.
- Zwick, Michael B. *See* Calarese, Daniel A.
- Zwierlein, M. W. *See* Gupta, S.