

Author Index Volume 292

April–June 2001

A and B

- AAAS News & Notes: AAAS annual election: preliminary announcement. p. 2510 29 June 2001. AAAS builds bridges between science, art. p1563 25 May 2001. AAAS displays art of Dale Haven Loy. p751 27 April 2001. New dues rates for 2002 membership include *Science Online*. p2510 29 June 2001. Report of the 2001 AAAS Council meeting. p2509 29 June 2001. Scientist seeks to link science to breadth of human experience. p752 27 April 2001. S&T policy careers focus of workshop. p1565 25 May 2001. Slate of candidates. p2510 29 June 2001. Strategies to address alleged misconduct. p752 27 April 2001. Web site marks 5-year birthday. p1564 25 May 2001.
- Abbey, David M.: Taxing debate for taxonomists (letter). p2250 22 June 2001.
- Abo-Shaer, J. R.; Raman, C.; Vogels, J. M.; Ketterle, W.: Observation of vortex lattices in Bose-Einstein condensates. p476 20 April 2001.
- Academy Council of the Royal Society of New Zealand. See Australian Academy of Sciences.
- Academy of Sciences Malaysia. See Australian Academy of Sciences.
- Accademia Nazionale dei Lincei (Italy). See Australian Academy of Sciences.
- Adcock, Gregory J.; Dennis, Elizabeth S.; Eastal, Simon; Huttley, Gavin A.; Jermin, Lars S.; Peacock, W. James; Thorne, Alan: Human origins and ancient human DNA (letter). p1656 1 June 2001.
- Aebersold, Ruedi. See Ideker, Trey.
- Affolter, Markus and Mann, Richard: Legs, eyes, or wings—selectors and signals make the difference (perspective). p1080 11 May 2001.
- Agostini, P. See Paul, P. M.
- Agrawal, Aneil F.; Brodie, Edmund D., III; Brown, Jeremy: Parent-offspring coadaptation and the dual genetic control of maternal care. p1710 1 June 2001.
- Aguiar, Rubén C. See Puertollano, Rosa.
- A'Hearn, M. F. See Weaver, H. A.
- Ahluwalia, Mandeep K. See Grupe, Andrew.
- Albon, S. D. See Coulson, T.
- Alexander, John H. See Al-Khatib, Sana M.
- Alfè, D. See Mao, H. K.
- Alford, Simon. See Blackmer, Trillium.
- Alivisatos, A. Paul. See Hu, Jiangtao.
- Al-Khatib, Sana M.; Califf, Robert M.; Hasselblad, Vic; Alexander, John H.; McCrory, Douglas C.; Sugarman, Jeremy: Placebo-controls in short-term clinical trials of hypertension (policy forum). p2013 15 June 2001.
- Allakhverdov, Andrey. See Pokrovsky, Vladimir.
- Allara, D. L. See Donhauser, Z. J.
- Alley, Stephen C. See Brown, Christine E.
- Allis, C. David. See Nakayama, Jun-ichi. See also Nemergut, Michael E.
- Allukian, Myron, Jr. See Goldhaber, Paul.
- Alon, U. See Kalir, S.
- Alp, E. E. See Mao, H. K.
- Alroy, John: A multispecies overkill simulation of the end-Pleistocene megafaunal mass extinction. p1893 8 June 2001.
- Altman, John D. See Amara, Rama Rao.
- Amagai, Yukio. See Ogawa, Hiroshi.
- Amara, Rama Rao; Villinger, Francois; Altman, John D.; Lydy, Shari L.; O'Neil, Shawn P.; Stappans, Silvija I.; Montefiori, David C.; Xu, Yan; Herndon, James G.; Wyatt, Linda S.; Candido, Maria Angelito; Kozyr, Natalia L.; Earl, Patricia L.; Smith, James M.; Ma, Hak-Ling; Grimm, Bennett D.; Hulsey, Michael L.; Miller, Joseph; McClure, Harold M.; McNicholl, Janet M.; Moss, Bernard; Robinson, Harriet L.: Control of a mucosal challenge and prevention of AIDS by a multiprotein DNA/MVA vaccine. p69 6 April 2001.
- An, Li. See Liu, Jianguo.
- Anderson, Mark K. (news): Souped-up software gets a virtual test. p419 20 April 2001.
- Anderson, Roy M. See Ferguson, Neil M.
- Andersson, Jan O.; Doolittle, W. Ford; Nesbø, Camilla L.: Are there bugs in our genome? (perspective). p1848 8 June 2001.
- Antia, Rustom. See Levin, Bruce R.
- Antonov, John I. See Levitus, Sydney.
- Aprille, June R. See Trimmer, Barry A.
- Apt, K. E. See Zaslavskaja, L. A.
- Arca, Marcello. See Garcia, Christine Kim.
- Arlt, J. See Paterson, L.
- Arnold, Michael S. See Collins, Philip G.
- Arnold, N. D. See Milton, S. V.
- Arp, Gernot; Reimer, Andreas; Reitner, Joachim: Photosynthesis-induced biofilm calcification and calcium concentrations in Phanerozoic oceans. p1701 1 June 2001.
- Arpigny, C. See Weaver, H. A.
- Artsimovitch, Irina. See Touloukhonov, Innokenti.
- Asara, John M. See Ivan, Mircea.
- Ash, Caroline and Roberts, Leslie: Sex, lineages and pathogenesis. p1089 11 May 2001.
- Aspect, A. See Robert, A.
- Assmann, Sarah M. See Wang, Xi-Qing.
- Atlas, E. L. See Ryerson, T. B.
- Attia, Yousry. See Smith, Joshua B.
- Aud, Dee. See Grupe, Andrew.
- Augé, F. See Paul, P. M.
- Australian Academy of Sciences; Royal Flemish Academy of Belgium for Sciences and the Arts; Brazilian Academy of Sciences; Royal Society of Canada; Caribbean Academy of Sciences; Chinese Academy of Sciences; French Academy of Sciences; German Academy of Natural Sciences Leopoldina; Indian National Science Academy; Indonesian Academy of Sciences; Royal Irish Academy; Accademia Nazionale dei Lincei (Italy); Academy of Sciences Malaysia; Academy Council of the Royal Society of New Zealand; Royal Swedish Academy of Sciences; Turkish Academy of Sciences; Royal Society (UK): The science of climate change (editorial). p1261 18 May 2001.
- Avouris, Phaedon. See Collins, Philip G.
- Awschalom, D. D. See Gupta, J. A.
- Ayliffe, Linda K. See Roberts, Richard G.
- Babinet, Charles. See Lecuit, Marc.
- Baird, Cheryl L. See Santagata, Sandro.
- Baker, D. See Pacala, S. W.
- Baker, Lucy. See McComb, Karen.
- Baker, Shenda M.: review of *The New Chemistry*, edited by Nina Hall, Ed. p226 13 April 2001.
- Balazs, Anna C. See Thompson, Russell B.
- Balch, Deborah P. See Hellberg, Michael E.
- Balco, Ph. See Paul, P. M.
- Bally, John. See Throop, Henry B.
- Balter, Michael (news): The case of the 'forged' letter. p200 13 April 2001. EC boosts funds for mutant mice. p1985 15 June 2001. Intriguing clues to a scrapie-mad cow link. p827 4 May 2001. Paleontological rift in the Rift Valley. p198 13 April 2001. Reform plan seen as halting step. p829 4 May 2001. Transatlantic war over BRCA1 patent. p1818 8 June 2001. What makes the mind dance and count. p1636 1 June 2001. Windfall for European data bank. p1275 18 May 2001.
- Baltimore, David. See Weissman, Irving L.
- Bangham, Charles R. M. See Overbaugh, Julie.
- Baranowski, Eric; Ruiz-Jarabo, Carmen M.; Domingo, Esteban: Evolution of cell recognition by viruses. p1102 11 May 2001.
- Barbero, Pierre. See Carroll, Kate S.
- Bard, Edouard: Extending the calibrated radiocarbon record (perspective). p2443 29 June 2001.
- Barker, Ben. See Goldhaber, Paul.
- Barker, P. A.; Street-Perrott, F. A.; Leng, M. J.; Greenwood, P. B.; Swain, D. L.; Perrott, R. A.; Telford, R. J.; Ficken, K. J.: A 14,000-year oxygen isotope record from diatom silica in two alpine lakes on Mt. Kenya. p2307 22 June 2001.
- Barnes, Robert. See Garcia, Christine Kim.
- Barnett, Tim P.; Pierce, David W.; Schnur, Reiner: Detection of anthropogenic climate change in the world's oceans. p270 13 April 2001.
- Barnouin-Jha, Olivier. See Cheng, Andrew F.
- Bartel, David P. See Johnston, Wendy K.
- Bartolomei, Marisa S. See Cho, Han.
- Batlogg, Bertram. See Schön, Jan Hendrik.
- Batuski, David J. See Miller, Christopher J.
- Baucom, Albion. See Yusupov, Marat M.
- Bauer, J. M. See Weaver, H. A.
- Baumann, Peter and Cech, Thomas R.: Pot1, the putative telomere end-binding protein in fission yeast and humans. p1171 11 May 2001.
- Baur, Joseph A.; Zou, Ying; Shay, Jerry W.; Wright, Woodring E.: Telomere position effect in human cells. p2075 15 June 2001.
- Baynes, Alexander. See Roberts, Richard G.
- Beatty, J. Thomas. See Kolber, Zbigniew S.
- Beck, J. Warren; Richards, David A.; Edwards, R. Lawrence; Silverman, Bernard W.; Smart, Peter L.; Donahue, Douglas J.; Herrera-Osterheld, Sofia; Burr, George S.; Calsoyas, Leal; Jull, A. J. Timothy; Biddulph, Dana: Extremely large variations of atmospheric ¹⁴C concentration during the last glacial period. p2453 29 June 2001.
- Becker, Dirk. See Lacombe, Benoit.
- Becker, W. See Salieres, P.
- Beckman, Diana L. See Brown, Michael G.

- Bedrosian, Paul. See Wei, Wenbo.
- Beerling, David J. See Royer, Dana L.
- Belknap, John K. See Grupe, Andrew.
- Bell, J. F., III. See Veverka, J.
- Bell, M. See Veverka, J.
- Bellwood, David R. and Hughes, Terry P.: Regional-scale assembly rules and biodiversity of coral reefs. p1532 25 May 2001.
- Bence, Neil F.; Sampat, Roopal M.; Kopito, Ron R.: Impairment of the ubiquitin-proteasome system by protein aggregation. p1552 25 May 2001.
- Benítez-Bribiesca, Luis: The biology of music (letter). p2432 29 June 2001.
- Benner, Ronald. See Ogawa, Hiroshi.
- Benson, C. See Milton, S. V.
- Berardi, Nicoletta. See Di Cristo, Graziella.
- Berendt, Anthony R. See Day, Nicholas P. J.
- Berg, W. See Milton, S. V.
- Bergelson, Joy; Kreitman, Martin; Stahl, Eli A.; Tian, Dacheng: Evolutionary dynamics of plant R-genes. p2281 22 June 2001.
- Bergen, Scott. See Laurance, William F.
- Berger, Shelley L.: The histone modification circus (perspective). p64 6 April 2001.
- Berner, Robert A. See Crowley, Thomas J. See also Royer, Dana L.
- Bernhardt, Thomas G.; Wang, Ing-Nang; Struck, Douglas K.; Young, Ryland: A protein antibiotic in the phage Q β virion: diversity in lysis targets. p2326 22 June 2001.
- Bertaux, Jean-Loup. See Mäkinen, J. Teemu T.
- Bertolini, Stefano. See Garcia, Christine Kim.
- Bertozzi, S. See Schwartländer, B.
- Bertram, Matthias. See Kim, Minseok.
- Bertrand, Guy. See Solé, Stéphane.
- Beveridge, Terry J. See Lower, Steven K.
- Beverly, Stephen M. See Cunningham, Mark L.
- Biddulph, Dana. See Beck, J. Warren.
- Biedron, S. G. See Milton, S. V.
- Biggin, Susan (news): Climate change data prompt new review. p28 6 April 2001.
- Billups, Katharina. See Zachos, James.
- Binswanger, Hans P.: HIV/AIDS treatment for millions (policy forum). p221 13 April 2001.
- Birch, Peter V. See Farnham, Tony L.
- Birdsey, R. A. See Pacala, S. W.
- Birnbaum, Morris J. See Cho, Han.
- Bischoff, A. See Greshake, A.
- Biver, Nicolas. See Bockelée-Morvan, Dominique.
- Blackmer, Trillium; Larsen, Eric C.; Takahashi, Michiko; Martin, Thomas F. J.; Alford, Simon; Hamm, Heidi E.: G Protein $\beta\gamma$ subunit-mediated presynaptic inhibition: regulation of exocytotic fusion downstream of Ca²⁺ entry. p293 13 April 2001.
- Blair, Ian A. See Lee, Seon Hwa.
- Blankenship, Robert E. See Kolber, Zbigniew S.
- Blattenberger, Erika A. See Brown, Michael G.
- Blondel, Olivier. See Lumelsky, Nadya.
- Böck, August: Invading the genetic code (perspective). p453 20 April 2001.
- Bockelée-Morvan, Dominique; Biver, Nicolas; Moreno, Raphaël; Colom, Pierre; Crovisier, Jacques; Gérard, Éric; Henry, Florence; Lis, Dariusz C.; Matthews, Henry; Weaver, H. A.; Womack, Maria; Festou, Michel C.: Outgassing behavior and composition of comet C/1999 S4 (LINEAR) during its disruption. p1339 18 May 2001.
- Bode, M. See Pietzsch, O.
- Boehnhardt, Hermann: The death of a comet and the birth of our solar system (perspective). p1307 18 May 2001.
- Boggion, Titus J. See Santagata, Sandro.
- Boiron, D. See Robert, A.
- Bolin, Bert. See Kates, Robert W.
- Bollinger, L. See Schwartländer, B.
- Bond, William: Keystone species—hunting the snark? (perspective). p63 6 April 2001.
- Bonhoeffer, Friedrich. See Fricke, Cornelia.
- Bonhoeffer, Sebastian. See Pfeiffer, Thomas.
- Bonifacino, Juan S. See Puertollano, Rosa.
- Bonn, D. A. See Sonier, J. E.
- Bonner, John. See Cox, Edward.
- Booker, John. See Wei, Wenbo.
- Borland, M. See Milton, S. V.
- Bose, Christian. See Khan, Adil A.
- Bossuyt, Franky and Milinkovitch, Michel C.: Amphibians as indicators of early tertiary “out-of-India” dispersal of vertebrates. p93 6 April 2001.
- Bourissou, Didier. See Solé, Stéphane.
- Bowden, William B. See Peterson, Bruce J.
- Bowen, William H. See Goldhaber, Paul.
- Bowles, Ian A. See Sandalow, David B.
- Bradley, Raymond S.: Many citations support global warming trend (letter). p2011 15 June 2001.
- Bradley, Raymond S.; Briffa, Keith R.; Crowley, Thomas J.; Hughes, Malcolm K.; Jones, Philip D.; Mann, Michael E.: The scope of Medieval warming (letter). p2011 15 June 2001.
- Brams, Steven J. and Herschbach, Dudley R.: The science of elections (editorial). p1449 25 May 2001.
- Brandenburg, Axel: Magnetic mysteries (perspective). p2440 29 June 2001.
- Brazilian Academy of Sciences. See Australian Academy of Sciences.
- Breeuwer, Johannes A. J. See Weeks, Andrew R.
- Breger, P. See Paul, P. M.
- Brenner, Mark. See Hodell, David A.
- Brewer, J. H. See Sonier, J. E.
- Breznak, J. A. See Lilburn, T. G.
- Briffa, K. R. See Jones, P. D.
- Briffa, Keith R. See Bradley, Raymond S.
- Briscoe, John. See Somerville, Chris.
- Brittain, S. See Mumma, M. J.
- Broccoli, Anthony J. See Levitus, Sydney.
- Brock, Ansgar. See Wang, Lei.
- Brodersen, Ditlev E. See Ogle, James M.
- Brodie, Edmund D., III. See Agrawal, Aneil F.
- Browaews, A. See Robert, A.
- Brown, Christine E.; Howe, LeAnn; Sousa, Kyle; Alley, Stephen C.; Carrozza, Michael J.; Tan, Song; Workman, Jerry L.: Recruitment of HAT complexes by direct activator interactions with the ATM-related Tra1 subunit. p2333 22 June 2001.
- Brown, James H. See Ernest, S. K. Morgan.
- Brown, Jeremy. See Agrawal, Aneil F.
- Brown, Kathryn (news): Florida fights to stop citrus canker. p2275 22 June 2001. New trips through the back alleys of agriculture. p631 27 April 2001. Portrait of a pathogen. p2276 22 June 2001.
- Brown, M. G. See Scatena, L. F.
- Brown, Michael G.; Dokun, Ayotunde O.; Heusel, Jonathan W.; Smith, Hamish R. C.; Beckman, Diana L.; Blattenberger, Erika A.; Dubbelde, Chad E.; Stone, Laurie R.; Scalzo, Anthony A.; Yokoyama, Wayne M.: Vital involvement of a natural killer cell activation receptor in resistance to viral infection. p934 4 May 2001.
- Brown, Michael S. See Goldstein, Joseph L.
- Browsings: *Machu Picchu*, by Kenneth R. Wright and Alfredo Valencia Zegarra. p227 13 April 2001. *The Scopes Trial*, by Edward Caudill, Edward Larson, and Jessie Fox. p2258 22 June 2001. *Vanishing Voices*, by Daniel Nettle and Suzanne Ro-main. p1306 18 May 2001.
- Brudzinski, Michael R. See Chen, Wang-Ping.
- Bryant, P. E. See Paterson, L.
- Buck, Gregory: review of *Arabesques*, by Jean-Marc Castéra. p445 20 April 2001.
- Buhler, Jeremy. See Ideker, Trey.
- Bullock, D. W. See LaBella, V. P.
- Bumgarner, Roger. See Ideker, Trey.
- Bumm, L. A. See Donhauser, Z. J.
- Bunn, H. Franklin. See Zhu, Hao.
- Burnashev, Nail. See Mack, Volker.
- Burr, George S. See Beck, J. Warren.
- Burr, Richard, Rep.: The growing family of NIH institutes (letter). p1835 8 June 2001.
- Bush, Ashley I. and Masters, Colin L.: Cloiquinol's return: cautions from Japan (letter). p2251 22 June 2001.
- Bushnell, David A. See Cramer, Patrick. See also Gnatt, Averell L.
- Bussey, B. See Veverka, J.
- Bustamante, Carlos. See Liphardt, Jan.
- Butterworth, Brian: Statistics: what seems natural? (letter). p853 4 May 2001.
- Byrd, Jason H.: review of *Maggots, Murder and Men*, by Zakaria Erzinçioğlu. p227 13 April 2001.
- Byzek, K. R. See Lilburn, T. G.

C and D

- Cairns, Stephen D.: review of *Corals of the World*, by J. E. N. Veron. p1492 25 May 2001.
- Calandra, Sebastiano. See Garcia, Christine Kim.
- Califf, Robert M. See Al-Khatib, Sana M.
- Callaway, Edward M. See Yabuta, N. Harumi.
- Callegari, A. C. See Stöhr, J.
- Callis, Judy. See Schwachheimer, Claus.
- Calsoyas, Leal. See Beck, J. Warren.
- Campbell, A. M.: How could we miss it? (perspective). p65 6 April 2001.
- Cancedda, Laura. See Di Cristo, Graziella.
- Candido, Maria Angelito. See Amara, Rama Rao.
- Cantley, Lewis C.: Translocating tubby (perspective). p2019 15 June 2001.
- Cao, Xiaofeng. See Lindroth, Anders M.
- Cappa, S. F. See Paul, P. M.
- Carcich, B. See Veverka, J.
- Cardinal, Rudolf N.; Pennicott, David R.; Sugathapala, C. Lakmali; Robbins, Trevor W.; Everitt, Barry J.: Impulsive choice induced in rats by lesions of the nucleus accumbens core. p2499 29 June 2001.
- Caribbean Academy of Sciences. See Australian Academy of Sciences.
- Carlier, Marie-France. See Pantaloni, Dominique.
- Carnes, Bruce A. See Olshansky, S. Jay.
- Carpenter, Janet: GM crops and patterns of pesticide use (letter). p637 27 April 2001.
- Carpenter, Melissa K. See Harley, Calvin B.
- Carré, B. See Salières, P.
- Carroll, Kate S.; Hanna, John; Simon, Iris; Krise, Jeff; Barbero, Pierre; Pfeffer, Suzanne R.: Role of Rab9 GTPase in facilitating receptor recruitment by TIP47. p1373 18 May 2001.
- Carroll, Sean B. See Guss, Kirsten A.
- Carrozza, Michael J. See Brown, Christine E.
- Carter, Andrew P. See Ogle, James M.
- Carter, E. S. See Ward, P. D.
- Caspersen, J. P. See Pacala, S. W.
- Castleman, A. Welford, Jr. See Hurley, Sean M.
- Catchpole, E. A. See Coulson, T.
- Cate, J. H. D. See Yusupov, Marat M.
- Cava, R. J. See Monteverde, M.
- Cech, Thomas R. See Baumann, Peter.
- Ceh, Miran. See Remskar, Maja.
- Cereb, Nezh. See Mullen, Alan C.
- Chae, Y.-C. See Milton, S. V.
- Chakraborty, Ranajit. See Ke, Yuehai.
- Chan, C. T. See Tang, Z. K.
- Chapman, Audrey R. See Frankel, Mark S.
- Chapman, C. See Veverka, J.
- Chapman, Clark. See Cheng, Andrew F.
- Chappell, John. See Lambeck, Kurt.
- Charles, Daniel (news): SDI redux has one element critics like. p1035 11 May 2001.
- Charleston, Michael A. See Pybus, Oliver G.
- Charlson, Robert J.; Seinfeld, John H.; Nenes, Athanasios; Kulmala, Markku; Laaksonen, Ari; Facchini, M. Cristina: Reshaping the theory of cloud

- formation (perspective). p2025 15 June 2001.
- Chaudhari, P. See Stöhr, J.
- Chen, Anping. See Fang, Jingyun.
- Chen, Jin-Gui. See Ullah, Hemayet.
- Chen, Leshou. See Wei, Wenbo.
- Chen, Lifeng. See Ke, Yuehai.
- Chen, Lin X.; Jäger, Wighard J. H.; Jennings, Guy; Gosztola, David J.; Munkholm, Anneli; Hessler, Jan P.: Capturing a photoexcited molecular structure through time-domain x-ray absorption fine structure. p262 13 April 2001.
- Chen, Wang-Ping and Brudzinski, Michael R.: Evidence for a large-scale remnant of subducted lithosphere beneath Fiji. p2475 29 June 2001.
- Chen, Xiaojiang S. See Szakonyi, Gerda.
- Chen, Zhu. See Ke, Yuehai.
- Cheng, A. See Veverka, J.
- Cheng, Andrew F.; Barnouin-Jha, Olivier; Zuber, Maria T.; Veverka, Joseph; Smith, David E.; Neumann, Gregory A.; Robinson, Mark; Thomas, Peter; Garvin, James B.; Murchie, Scott; Chapman, Clark; Prockter, Louise: Laser altimetry of small-scale features on 433 Eros from NEAR-Shoemaker. p488 20 April 2001.
- Cheng, Emily H.-Y. See Wei, Michael C.
- Cheng, N. See Conway, J. F.
- Cheung, Chin Li. See Ouyang, Min.
- Chiang, T.-C. See Luh, D.-A.
- Chick, John H. and Pegg, Mark A.: Invasive carp in the Mississippi River Basin (letter). p2250 22 June 2001.
- Chicurel, Marina (news): Can organisms speed their own evolution? p1824 8 June 2001. Why evolution might not favor increased genetic variability. p1826 8 June 2001.
- Chien, Chi-Bin. See Fricke, Cornelia.
- Chinese Academy of Sciences. See Australian Academy of Sciences.
- Chittajallu, Ramesh. See Gallo, Vittorio.
- Chiu, Joanna. See Lacombe, Benoit.
- Cho, Han; Mu, James; Kim, Jason K.; Thorvaldsen, Joanne L.; Chu, Qingwei; Crenshaw, E. Bryan, III; Kaestner, Klaus H.; Bartolomei, Marisa S.; Shulman, Gerald I.; Birnbaum, Morris J.: Insulin resistance and a diabetes mellitus-like syndrome in mice lacking the protein kinase Akt2 (PKB β). p1728 1 June 2001.
- Choi, Eun-Mi. See Kang, W. N.
- Chong, Lisa: review of *Molecular Cloning*, by Joseph Sambrook and David W. Russell. p446 20 April 2001.
- Chou, M. Y. See Luh, D.-A.
- Chougule, Geeta: Human cloning—not if, but when (letter). p639 27 April 2001.
- Christian, D. J. See Lisse, C. M.
- Christmas, Rowan. See Ideker, Trey.
- Chu, Qingwei. See Cho, Han.
- Chu, S. See Fernandez, J. M.
- Chuang, Y.-D.; Gromko, A. D.; Dessau, D. S.; Kimura, T.; Tokura, Y.: Fermi surface nesting and nanoscale fluctuating charge/orbital ordering in colossal magnetoresistive oxides. p1509 25 May 2001.
- Chyba, Christopher F. and Hand, Kevin P.: Life without photosynthesis (perspective). p2026 15 June 2001.
- Ci, Longjun. See Fang, Jingyun.
- Ciais, P. See Pacala, S. W.
- Cibelli, Jose B. See Lanza, Robert P.
- Cipra, Barry (news): Shaping a universe. p2237 22 June 2001.
- Cirac, J. I. See Duan, L.-M.
- Clancy, David J.; Gems, David; Harshman, Lawrence G.; Oldham, Sean; Stocker, Hugo; Hafen, Ernst; Leever, Sally J.; Partridge, Linda: Extension of life-span by loss of CHICO, a *Drosophila* insulin receptor substrate protein. p104 6 April 2001.
- Claret, Josep. See Ribó, Josep M.
- Clark, B. See Veverka, J.
- Clark, James S. See LaDeau, Shannon L.
- Clark, William C. See Kates, Robert W.
- Claussen, M. J. See Shepherd, D. S.
- Clemons, William M., Jr. See Ogle, James M.
- Clutton-Brock, T. H. See Coulson, T.
- Cochrane, Mark A. See Laurance, William F.
- Cohen, Itai; Li, Hui; Houglund, James L.; Mrksich, Milan; Nagel, Sidney R.: Using selective withdrawal to coat microparticles. p265 13 April 2001.
- Cohen, Jon (news): Disputed AIDS theory dies its final death. p615 27 April 2001. Merck reemerges with a bold AIDS vaccine effort. p24 6 April 2001.
- Cohen, Jonathan C. See Garcia, Christine Kim.
- Collier, R. John. See Sellman, Bret R.
- Collings, David. See Srinivasarao, Mohan.
- Collins, Jon L. See Watkins, Ryan E.
- Collins, Philip G.; Arnold, Michael S.; Avouris, Phaedon: Engineering carbon nanotubes and nanotube circuits using electrical breakdown. p706 27 April 2001.
- Colom, Pierre. See Bockelée-Morvan, Dominique.
- Combi, M. R. See Weaver, H. A.
- Combi, Michael R. See Mäkinen, J. Teemu T.
- Conway, J. F.; Wikoff, W. R.; Cheng, N.; Duda, R. L.; Hendrix, R. W.; Johnson, J. E.; Steven, A. C.: Virus maturation involving large subunit rotations and local refolding. p744 27 April 2001.
- Cooper, Alan; Rambaut, Andrew; Macaulay, Vincent; Willerslev, Eske; Hansen, Anders J.; Stringer, Chris: Human origins and ancient human DNA (letter). p1655 1 June 2001.
- Cope, Gregory. See Lyapina, Svetlana.
- Corell, Robert. See Kates, Robert W.
- Coruzzi, Gloria. See Lacombe, Benoit.
- Cossart, Pascale. See Lecuit, Marc.
- Cossu, Fausto. See Garcia, Christine Kim.
- Cossu, G. See Paulesu, E.
- Coulson, T.; Catchpole, E. A.; Albon, S. D.; Morgan, B. J. T.; Pemberton, J. M.; Clutton-Brock, T. H.; Crawley, M. J.; Grenfell, B. T.: Age, sex, density, winter weather, and population crashes in Soay sheep. p1528 25 May 2001.
- Cox, Edward and Bonner, John: The advantages of togetherness (perspective). p448 20 April 2001.
- Cozzarelli, Nicholas R.: For free access, follow the brick red buttons (letter). p51 6 April 2001.
- Cramer, Patrick. See Gnat, Averell L.
- _____; Bushnell, David A.; Kornberg, Roger D.: Structural basis of transcription: RNA polymerase II at 2.8 angstrom resolution. p1863 8 June 2001.
- Crawley, M. J. See Coulson, T.
- Creamer, Winifred. See Solis, Ruth Shady.
- Crenshaw, D. Michael: Mass outflow in active galactic nuclei (perspective). p1500 25 May 2001.
- Crenshaw, E. Bryan, III. See Cho, Han.
- Crompton, Alfred W. See Luo, Zhe-Xi.
- Crosby, William L. See Schwechheimer, Claus.
- Crouch, Robert J. See Puertollano, Rosa.
- Crovisier, Jacques. See Bockelée-Morvan, Dominique.
- Crowley, Thomas J. See Bradley, Raymond S.
- _____; and Berner, Robert A.: CO₂ and climate change (perspective). p870 4 May 2001.
- Crusats, Joaquim. See Ribó, Josep M.
- Cunningham, Mark L.; Titus, Richard G.; Turco, Salvatore J.; Beverley, Stephen M.: Regulation of differentiation to the infective stage of the protozoan parasite *Leishmania major* by tetrahydrobiopterin. p285 13 April 2001.
- Cunnold, D. M. See Prinn, R. G.
- Curtis, Jason H. See Hodell, David A.
- Dahl, Carol A. See Goldin, Daniel S.
- Dahlberg, Albert E.: The ribosome in action (perspective). p868 4 May 2001.
- Dallos, Peter. See Oliver, Dominik.
- D'Angelo, Sammya. See Laurance, William F.
- Dangl, Jeffrey L. See Staskawicz, Brian J.
- D'Antonio, Carla. See Tilman, David.
- Das, S. See Robinson, D. P.
- Davenport, R. John (news): Data standards on the horizon. p414 20 April 2001. DNA: once copied, thrice blocked. p2415 29 June 2001. Faster maps mean fewer mice. p1814 8 June 2001. A faster way to shut down genes. p1469 25 May 2001. Making copies in the RNA world. p1278 18 May 2001. New gene may be key to sweet tooth. p620 27 April 2001.
- Davies, J. K. See Weaver, H. A.
- Davis, Margaret B. and Shaw, Ruth G.: Range shifts and adaptive responses to Quaternary climate change. p673 27 April 2001.
- Davis, Roger J. See Weston, Claire R.
- Day, Nicholas P. J.; Moore, Catrin E.; Enright, Mark C.; Berendt, Anthony R.; Smith, John Maynard; Murphy, Michael F.; Peacock, Sharon J.; Spratt, Brian G.; Feil, Edward J.: A link between virulence and ecological abundance in natural populations of *Staphylococcus aureus*. p114 6 April 2001.
- Dayton, Leigh (news): Mass extinctions pinned on Ice Age hunters. p1819 8 June 2001. Philodendrons like it hot and heavy. p186 13 April 2001.
- de Crécy-Lagard, Valérie. See Döring, Volker.
- de Lange, Titia: Telomere capping—one strand fits all (perspective). p1075 11 May 2001.
- de Queiroz, Kevin and Donoghue, Michael: Taxing debate for taxonomists (letter). p2249 22 June 2001.
- DeCostanzo, Anthony J. See Liu, Tong.
- Deisenhofer, Johann. See Istvan, Eva S.
- Dejus, R. J. See Milton, S. V.
- Deka, Ranjan. See Ke, Yuehai.
- Delahodde, C. E. See Weaver, H. A.
- Delamônica, Patricia. See Laurance, William F.
- Delph, Lynda F.: review of *The Cooperative Gene*, by Mark Ridley. p2437 29 June 2001.
- Delworth, Thomas L. See Levitus, Sydney.
- deMenocal, Peter B.: Cultural responses to climate change during the late Holocene. p667 27 April 2001.
- Démonet, J.-F. See Paulesu, E.
- Demšar, Jure. See Remskar, Maja.
- Den Hartog, P. K. See Milton, S. V.
- Deng, Ming. See Wei, Wenbo.
- Deng, Xing-Wang. See Schwechheimer, Claus.
- Dennerl, K. See Lisse, C. M.
- Dennis, Elizabeth S. See Adcock, Gregory J.
- Deplus, Christine: Indian Ocean actively deforms (perspective). p1850 8 June 2001.
- DePriest, Paula. See Kress, W. John.
- Deriy, B. See Milton, S. V.
- DeSalle, Rob. See Lacombe, Benoit.
- Deschenes, Laura A. and Vanden Bout, David A.: Single-molecule studies of heterogeneous dynamics in polymer melts near the glass transition. p255 13 April 2001.
- Désésquelles, Aline. See Olshansky, S. Jay.
- Deshaies, Raymond J. See Lyapina, Svetlana. See also Schwechheimer, Claus.
- Dessau, D. S. See Chuang, Y.-D.
- Dholakia, K. See Paterson, L.
- Di Cristo, Graziella; Berardi, Nicoletta; Cancedda, Laura; Pizzorusso, Tommaso; Putignano, Elena; Ratto, Gian Michele; Maffei, Lamberto: Requirement of ERK activation for visual cortical plasticity. p2337 22 June 2001.
- Dickson, Nancy M. See Kates, Robert W.
- Digby, A. P. See Oppenheimer, B. R.
- Ding, Z. See LaBella, V. P.
- DiSanti, M. A. See Mumma, M. J.
- Dismukes, G. C.: Splitting water (perspective). p447 20 April 2001.

Dixon, Keith W. See Levitus, Sydney.
 Dobson, Andrew. See Tilman, David.
 Dodds, Walter K. See Peterson, Bruce J.
 Dodson, Peter. See Smith, Joshua B.
 Dokun, Ayotunde O. See Brown, Michael G.
 Dolan, Joseph F.: How to find a stellar black hole (perspective). p1079 11 May 2001.
 Domingo, Esteban. See Baranowski, Eric.
 Domingue, D. See Veverka, J.
 Donahue, Douglas J. See Beck, J. Warren.
 Donhauser, Z. J.; Mantooh, B. A.; Kelly, K. F.; Bumm, L. A.; Monnell, J. D.; Stapleton, J. J.; Price, D. W., Jr.; Rawlett, A. M.; Allara, D. L.; Tour, J. M.; Weiss, P. S.: Conductance switching in single molecules through conformational changes. p2303 22 June 2001.
 Donnelly, Christl A. See Ferguson, Neil M.
 Donnelly, S. G. See Ryerson, T. B.
 Donoghue, Michael. See de Queiroz, Kevin.
 Doolittle, W. Ford. See Andersson, Jan O.
 Doray, Balraj. See Zhu, Yunxiang.
 Dorff, Elliott. See Lanza, Robert P.
 Döring, Volker; Mootz, Henning D.; Nangle, Leslie A.; Hendrickson, Tamara L.; de Crécy-Lagard, Valérie; Schimmel, Paul; Marlière, Philippe: Enlarging the amino acid set of *Escherichia coli* by infiltration of the valine coding pathway. p501 20 April 2001.
 Dorman, Leroy M. See Smith, Gideon P.
 Dosch, Roland. See Farber, Steven A.
 Doyle, J. P. See Stöhr, J.
 Dragert, Herb; Wang, Kelin; James, Thomas S.: A silent slip event on the deeper Cascadia subduction interface. p1525 25 May 2001.
 Dresselhaus, Mildred S.: Burn and interrogate (perspective). p650 27 April 2001.
 Duan, L.-M.; Cirac, J. I.; Zoller, P.: Geometric manipulation of trapped ions for quantum computation. p1695 1 June 2001.
 Dubbelde, Chad E. See Brown, Michael G.
 Duda, R. L. See Conway, J. F.
 Dudzinski, David M. See Trimmer, Barry A.
 Dunham, D. See Veverka, J.
 Dunsiger, S. R. See Sonier, J. E.
 Dupuy, Catherine. See Lecuit, Marc.
 Durant, Sarah M. See McComb, Karen.
 Durham, Amy. See Tian, Biao.
 Durkan, C. See Schlittler, R. R.

E, F, and G

Earl, Patricia L. See Amara, Rama Rao.
 Earnest, Thomas N. See Yusupov, Marat M.
 Easteal, Simon. See Adcock, Gregory J.
 Eberhardy, Clara A. See Farnham, Tony L.
 Echeverria, Jaime. See Johnson, Nels.
 Ediger, M. D. and Skinner, J. L.: Single molecules rock and roll near the glass transition (perspective). p233 13 April 2001.
 Edmonds, Peter D. See Grindlay, Jonathan E.
 Edwards, K. J. See Petsch, S. T.
 Edwards, R. Lawrence. See Beck, J. Warren.
 Eglinton, T. I. See Petsch, S. T.
 Ehart, Orlo. See Gregory, Peter.
 Ehrhardt, D. See Zaslavkaia, L. A.
 Ehrlich, Paul R. See Eisner, Thomas.
 Eidelman, Y. I. See Milton, S. V.
 Eisen, Jonathan A. See Salzberg, Steven L.
 Eisner, Thomas and Ehrlich, Paul R.: New world pathogen strategy disclosed (editorial). p2397 29 June 2001.
 Eizirik, Eduardo. See O'Brien, Stephen J.
 Ellegren, Hans. See Vilá, Carles.
 Ellis, Brian E. and Miles, Godfrey P.: One for all? (perspective). p2022 15 June 2001.
 Emery, C. See LaBella, V. P.
 Eng, Jimmy K. See Ideker, Trey.
 Eng, P. See Mao, H. K.

Enright, Mark C. See Day, Nicholas P. J.
 Enserink, Martin (news): America's own prion diseases. p1641 1 June 2001. Intensified battle against foot and mouth appears to pay off. p410 20 April 2001. Is the U.S. doing enough to prevent mad cow disease? p1639 1 June 2001. West Nile researchers get ready for round three. p1289 18 May 2001.
 Epstein, D. See Tatar, M.
 Erdmann, M. See Milton, S. V.
 Ernest, S. K. Morgan and Brown, James H.: Delayed compensation for missing keystone species by colonization. p101 6 April 2001.
 Ertl, Gerhard. See Kim, Minseok.
 Esposito, Larry W. See Throop, Henry B.
 Estelle, Mark. See Schwechheimer, Claus.
 Etzkowitz, Henry: Networked research: an EC model for U.S.? (letter). p219 13 April 2001.
 Evans, Peter. See Turner, Simon.
 Evans, T. See Ward, P. D.
 Everitt, Barry J. See Cardinal, Rudolf N.
 Fabrizio, Paola; Pozza, Fabiola; Pletcher, Scott D.; Gendron, Christi M.; Longo, Valter D.: Regulation of longevity and stress resistance by Sch9 in yeast. p288 13 April 2001.
 Facchini, M. Cristina. See Charlson, Robert J.
 Fahrenfort, Iris. See Kamermans, Maarten.
 Fakler, Bernd. See Oliver, Dominik.
 Falkowski, Paul G. See Kolber, Zbigniew S.
 Fan, S.-M. See Pacala, S. W.
 Fang, Jingyun; Chen, Anping; Peng, Changhui; Zhao, Shuqing; Ci, Longjun: Changes in forest biomass carbon storage in China between 1949 and 1998. p2320 22 June 2001.
 Farber, Steven A.; Pack, Michael; Ho, Shiu-Ying; Johnson, Iain D.; Wagner, Daniel S.; Dosch, Roland; Mullins, Mary C.; Hendrickson, H. Stewart; Hendrickson, Elizabeth K.; Halpern, Marnie E.: Genetic analysis of digestive physiology using fluorescent phospholipid reporters. p1385 18 May 2001.
 Fargione, Joseph. See Tilman, David.
 Farhi, Edward; Goldstone, Jeffrey; Gutmann, Sam; Lapan, Joshua; Lundgren, Andrew; Preda, Daniel: A quantum adiabatic evolution algorithm applied to random instances of an NP-complete problem. p472 20 April 2001.
 Farnham, Tony L.; Schleicher, David G.; Woodney, Laura M.; Birch, Peter V.; Eberhardy, Clara A.; Levy, Lorenza: Imaging and photometry of comet C/1999 S4 (LINEAR) before perihelion and after breakup. p1348 18 May 2001.
 Farquhar, R. See Veverka, J.
 Fauchaux, Sylvie. See Kates, Robert W.
 Favinger, Jeffrey. See Gest, Howard.
 Fazio, F. See Paulesu, E.
 Fearnside, Philip M. See Laurance, William F.
 Fehsenfeld, F. C. See Ryerson, T. B.
 Feick, Henning. See Huang, Michael H.
 Feil, Edward J. See Day, Nicholas P. J.
 Feldman, P. D. See Weaver, H. A.
 Fellin, Renato. See Garcia, Christine Kim.
 Fenchel, Tom: Marine bugs and carbon flow (perspective). p2444 29 June 2001.
 Ferber, Dan (news): Using the fruit fly to model tau malfunction. p1983 15 June 2001. Will black carp be the next zebra mussel? p203 13 April 2001. (letter): Hypoxia, fertilizer, and the Gulf of Mexico. p1486 25 May 2001.
 Ferguson, Neil M.; Donnelly, Christl A.; Anderson, Roy M.: The foot-and-mouth epidemic in Great Britain: pattern of spread and impact of interventions. p1155 11 May 2001.
 Feringa, Ben L.: A new twist on chirality (perspective). p2021 15 June 2001.
 Fernandez, J. M.; Chu, S.; Oberhauser, A. F.: Pulling on hair(pins) (perspective). p653 27 April 2001.

Festa-Bianchet, Marco. See Gaillard, Jean-Michel.
 Festou, Michel C. See Bockelée-Morvan, Dominique. See also Weaver, H. A.
 Ficken, K. J. See Barker, P. A.
 Fiebig, Aretha. See Mayfield, Jacob A.
 Field, C. B. See Pacala, S. W.
 Finkbeiner, Ann (news): Funding the Sloan. p1472 25 May 2001. 'Invisible' astronomers give their all to the Sloan. p1472 25 May 2001.
 Finkel, Elizabeth (news): The mitochondrion: is it central to apoptosis? p624 27 April 2001.
 Finlay, B. Brett: Cracking *Listeria's* password (perspective). p1665 1 June 2001.
 Fischer, Karen M. See Smith, Gideon P.
 Fissore, Rafael A. See Fukami, Kiyoko.
 Flannery, Timothy F. See Roberts, Richard G.
 Flavell, Richard A. See Hunot, Stéphane.
 Flemming, Clare. See MacPhee, Ross D. E.
 Flores, Diane Victoria: More about duikers in ancient Egypt (letter). p440 20 April 2001.
 Flower, Benjamin P. See Zachos, James C.
 Forsythe, S. See Schwartländer, B.
 Frank, Lone (news): A biotech gambit in the desert. p1478 25 May 2001.
 Frankel, Mark S. and Chapman, Audrey R.: Facing inheritable genetic modifications (policy forum). p1303 18 May 2001.
 Fraser, P. J. See Prinn, R. G.
 French Academy of Sciences. See Australian Academy of Sciences.
 Freund, Henry P. See O'Shea, Patrick G.
 Fricke, Cornelia; Lee, Jeong-Soo; Geiger-Rudolph, Silke; Bonhoeffer, Friedrich; Chien, Chi-Bin: *astray*, a zebrafish *roundabout* homolog required for retinal axon guidance. p507 20 April 2001.
 Frith, C. D. See Paulesu, E.
 Frith, U. See Paulesu, E.
 Frost, G. J. See Ryerson, T. B.
 Fu, Jianhua. See Gnat, Averell L.
 Fukami, Kiyoko; Nakao, Kazuki; Inoue, Takafumi; Kataoka, Yuki; Kurokawa, Manabu; Fissore, Rafael A.; Nakamura, Kenji; Katsuki, Motoya; Mikoshiba, Katsuhiko; Yoshida, Nobuaki; Takenawa, Tadaomi: Requirement of phospholipase C84 for the zona pellucida-induced acrosome reaction. p920 4 May 2001.
 Fukuyama, Hidehiro. See Kawane, Kohki.
 Gaffey, M. J. See Veverka, J.
 Gaillard, Jean-Michel; Festa-Bianchet, Marco; Yoccoz, Nigel G.: Not all sheep are equal (perspective). p1499 25 May 2001.
 Galan, Jorge E. See Staskawicz, Brian J.
 Galarreta, Mario and Hestrin, Shaul: Spike transmission and synchrony detection in networks of GABAergic interneurons. p2295 22 June 2001.
 Gallo, Vittorio and Chittajallu, Ramesh: Unwrapping glial cells from the synapse: what lies inside? (perspective). p872 4 May 2001.
 Gallopin, Gilberto C. See Kates, Robert W.
 Garcia, Christine Kim; Wilund, Kenneth; Arca, Marcello; Zuliani, Giovanni; Fellin, Renato; Maioli, Mario; Calandra, Sebastiano; Bertolini, Stefano; Cossu, Fausto; Grishin, Nick; Barnes, Robert; Cohen, Jonathan C.; Hobbs, Helen H.: Autosomal recessive hypercholesterolemia caused by mutations in a putative LDL receptor adaptor protein. p1394 18 May 2001.
 Gardner, Eliot L. See Vorel, Stanislav R.
 Gardner, J. S. See Sonier, J. E.
 Garofalo, R. S. See Tatar, M.
 Garrison, Howard H. See Gerbi, Susan A.
 Garvin, James B. See Cheng, Andrew F.
 Gaskell, Simon J. See Jaakkola, Panu.
 Gasse, Françoise: Hydrological changes in Africa (perspective). p2259 22 June 2001.
 Gasser, U.; Weeks, Eric R.; Schofield, Andrew; Pusey, P. N.; Weitz, D. A.: Real-space imaging of nucleation and growth in colloidal crystallization.

- p258 13 April 2001.
- Gavaghan, Helen (news): ESA embraces astrobiology. p1626 1 June 2001.
- Geiger-Rudolph, Silke. See Fricke, Cornelia.
- Gems, David. See Clancy, David J.
- Genco, Robert J. See Goldhaber, Paul.
- Gendron, Christi M. See Fabrizio, Paola.
- Georgellis, Dimitris; Kwon, Ohsuk; Lin, Edmund C. C.: Quinones as the redox signal for the arc two-component system of bacteria. p2314 22 June 2001.
- Gerard, Craig. See Iwata, Nobuhisa.
- Gérard, Éric. See Bockelée-Morvan, Dominique.
- Gerard, Norma P. See Iwata, Nobuhisa.
- Gerbi, Susan A.; Garrison, Howard H.; Perkins John P.: Workforce alternatives to graduate students? p1489 25 May 2001.
- German Academy of Natural Sciences Leopoldina. See Australian Academy of Sciences.
- Germer, Soren. See Grupe, Andrew.
- Gest, Howard and Favinger, Jeffrey: Taxing debate for taxonomists (letter). p2249 22 June 2001.
- Ghalambor, Cameron K. and Martin, Thomas E.: Fecundity-survival trade-offs and parental risk-taking in birds. p494 20 April 2001.
- Gibbons, Ann (news): Modern men trace ancestry to African migrants. p1051 11 May 2001. Studying humans—and their cousins and parasites. p627 27 April 2001.
- Giefers, H. See Mao, H. K.
- Giegegack, Robert. See Smith, Joshua B.
- Gielbert, Janine. See Jaakkola, Panu.
- Gigerenzer, Gerd. See Hoffrage, Ulrich.
- Gillan, M. J. See Mao, H. K.
- Gimzewski, J. K. See Schlittler, R. R.
- Ginzburg, Valeriy V. See Thompson, Russell B.
- Gittleman, John L.; Gompper, Matthew E.; Jones, Kate E.: Extinction: complexity of assessing risk (letter). p217 13 April 2001.
- Glasner, Margaret E. See Johnston, Wendy K.
- Gloor, M. See Pacala, S. W.
- Gluskin, E. See Milton, S. V.
- Gnatt, Averell L.; Cramer, Patrick; Fu, Jianhua; Bushnell, David A.; Kornberg, Roger D.: Structural basis of transcription: an RNA polymerase II elongation complex at 3.3 Å resolution. p1876 8 June 2001.
- Goldan, P. D. See Ryerson, T. B.
- Goldenberg, Jacob; Mazursky, David; Solomon, Sorin: Structures of the mind and universal music (letter). p2433 29 June 2001.
- Goldhaber, Paul; Greenspan, John S.; Bowen, William H.; Genco, Robert J.; Barker, Ben; Greene, John C.; Allukian, Myron, Jr.; McCallum, Charles A.; Slavkin, Harold: The growing family of NIH institutes (letter). p1836 8 June 2001.
- Goldin, Daniel S.; Dahl, Carol A.; Olsen, Kathie L.; Ostrach, Louis H.; Klausner, Richard D.: The NASA-NCI collaboration on biomolecular sensors (policy forum). p443 20 April 2001.
- Goldman, Michael A.: review of *Transducing the Genome*, by Gary Zweiger. p1491 25 May 2001.
- Goldstein, Joseph L. and Brown, Michael S.: The cholesterol quartet (perspective). p1310 18 May 2001.
- Goldstone, Jeffrey. See Farhi, Edward.
- Golomb, Solomon W.: Claude E. Shannon (1916–2001) (retrospective). p455 20 April 2001.
- Gomez, Carlos A. See Santagata, Sandro.
- Gompper, Matthew E. See Gittleman, John L.
- Goodale, C. L. See Pacala, S. W.
- Goodlett, David R. See Ideker, Trey.
- Goodman, Corey S. See Kramer, Sunita G.
- Gopnik, Alison: review of *The Work of the Imagination*, by Paul L. Harris. p57 6 April 2001.
- Gordon, Jeffrey I. See Hooper, Lora V.
- Gornitzka, Heinz. See Solé, Stéphane.
- Gorshkova, Inna. See Puertollano, Rosa.
- Gosztola, David J. See Chen, Lin X.
- Götherström, Anders. See Vilá, Carles.
- Goto, Kaori. See Iino, Masae.
- Gottifredi, Vanesa and Prives, Carol: Getting p53 out of the nucleus (perspective). p1851 8 June 2001.
- Gounon, Pierre. See Lecuit, Marc.
- Gourdon, Delphine. See Israelachvili, Jacob.
- Government Council of the Organization for Human Brain Mapping: neuroimaging databases. p1673 1 June 2001.
- Grasbon, F. See Salières, P.
- Gray, Patricia M.; Payne, Roger; Krause, Bernie; Tramo, Mark J.: The biology of music (letter). p2432 29 June 2001.
- Gray, William M. See Schwachheimer, Claus.
- Green, Harry W., II: A graveyard for buoyant slabs? (perspective). p2445 29 June 2001.
- Green, Ronald M. See Lanza, Robert P.
- Greene, John C. See Goldhaber, Paul.
- Greenspan, John S. See Goldhaber, Paul.
- Greenwood, P. B. See Barker, P. A.
- Gregory, Peter; von Grebmer, Klaus; Ehart, Orlo: Risk assessment data for GM crops (letter). p638 27 April 2001.
- Gregory, Stanley. See Peterson, Bruce J.
- Grenfell, B. T. See Coulson, T.
- Greshake, A.; Bischoff, A.; Putnis, A.; Palme, H.: Retraction (letter). p1651 1 June 2001.
- Grewal, Shiv I. S. See Nakayama, Jun-ichi.
- Grimm, Bennett D. See Amara, Rama Rao.
- Grindlay, Jonathan E.; Heinke, Craig; Edmonds, Peter D.; Murray, Stephen S.: High-resolution x-ray imaging of a globular cluster core: compact binaries in 47Tuc. p2290 22 June 2001.
- Grishin, Nick. See Garcia, Christine Kim.
- Gromko, A. D. See Chuang, Y.-D.
- Grossman, A. R. See Zaslavskaja, L. A.
- Grübler, Arnulf. See Kates, Robert W.
- Grupe, Andrew; Germer, Soren; Usuka, Jonathan; Aud, Dee; Belknap, John K.; Klein, Robert F.; Ahluwalia, Mandeep K.; Higuchi, Russell; Peltz, Gary: In silico mapping of complex disease-related traits in mice. p1915 8 June 2001.
- Guenin, Louis M.: Morals and primordials (essays on science and society). p1659 1 June 2001.
- Guilderson, Thomas. See Hodell, David A.
- Gupta, Amitabh and Tsai, Li-Huei: A kinase to dampen the effects of cocaine? (perspective). p236 13 April 2001.
- Gupta, J. A.; Knobel, R.; Samarth, N.; Awschalom, D. D.: Ultrafast manipulation of electron spin coherence. p2458 29 June 2001.
- Gupta, Sunetra. See Pybus, Oliver G.
- Guss, Kirsten A.; Nelson, Craig E.; Hudson, Angela; Kraus, Mary Ellen; Carroll, Sean B.: Control of a genetic regulatory network by a selector gene. p1164 11 May 2001.
- Guthridge, Joel M. See Szakonyi, Gerda.
- Gutierrez, J. P. See Schwartländer, B.
- Gutmann, Sam. See Farhi, Edward.

H and I

- Haas, Jonathan. See Solis, Ruth Shady.
- Hafen, Ernst. See Clancy, David J.
- Haggart, J. W. See Ward, P. D.
- Hahne, M. W. See Milton, S. V.
- Hainaut, O. R. See Weaver, H. A.
- Halbwachs, Michel and Sabroux, Jean-Christophe: Removing CO₂ from Lake Nyos in Cameroon (letter). p438 20 April 2001.
- Hall, J. Michael. See Kates, Robert W.
- Hall, Paul S. and Kincaid, Chris: Diapiric flow at subduction zones: a recipe for rapid transport. p2472 29 June 2001.
- Hallagan, Sarah. See Liu, Tong.
- Halpern, Marnie E. See Farber, Steven A.
- Ham, Becky: President's R&D budget sets stage for colloquium (AAAS News & Notes). p751 27 April 2001.
- Hama, Emi. See Iwata, Nobuhisa.
- Hambly, N. C. See Oppenheimer, B. R.
- Hamilton, Stephen K. See Peterson, Bruce J.
- Hamm, Heidi E. See Blackmer, Trillium.
- Hand, Kevin P. See Chyba, Christopher F.
- Hanna, John. See Carroll, Kate S.
- Hansen, Anders J. See Cooper, Alan.
- Hansen, Gary B. See McCord, Thomas B.
- Harch, A. See Veverka, J.
- Hardy, W. N. See Sonier, J. E.
- Harley, Calvin B.; Lebkowski, Jane S.; Carpenter, Melisa K.; Okarma, Thomas B.: Mutation in embryonic stem cells (letter). p439 20 April 2001.
- Harmon, M. E. See Pacala, S. W.
- Harshman, Lawrence G. See Clancy, David J.
- Hart-Davis, Adam: James Watt and the Lunatics of Birmingham (essays on science and society). p55 6 April 2001.
- Harth, C. See Prinn, R. G.
- Hartley, James. See Kostoff, Ronald N.
- Harvey, Paul H. See Pybus, Oliver G.
- Hasegawa, Masataka. See Koizumi, Satoshi.
- Hassan, Mohamed H. A.: Can science save Africa? (editorial). p1609 1 June 2001.
- Hasselblad, Vic. See Al-Khatib, Sana M.
- Hatfull, Graham F.: The great escape (perspective). p2263 22 June 2001.
- Häusermann, D. See Mao, H. K.
- Hawkesworth, Chris. See Turner, Simon.
- Hawkins, E. See Veverka, J.
- Haydon, Daniel T. See Woolhouse, Mark E. J.
- Hayes, Robert J. See Vorel, Stanislav R.
- Hayward, M. A. See Monteverde, M.
- He, David Z. Z. See Oliver, Dominik.
- He, T. See Monteverde, M.
- Heath, L. See Pacala, S. W.
- Hebestreit, Holger F. See Jaakkola, Panu.
- Hedrich, Rainer. See Lacombe, Benoit.
- Heffner, R. H. See Sonier, J. E.
- Heinke, Craig. See Grindlay, Jonathan E.
- Hellberg, Michael E.; Balch, Deborah P.; Roy, Kautuv: Climate-driven range expansion and morphological evolution in a marine gastropod. p1707 1 June 2001.
- Helmuth, Laura (news): Boosting brain activity from the outside in. p1284 18 May 2001. Location neurons do advanced math. p185 13 April 2001. Protein clumps hijack cell's clearance system. p1467 25 May 2001. Synchronizing the brain's signals. p2233 22 June 2001. Where the brain tells a face from a place. p196 13 April 2001.
- Hemley, R. J. See Mao, H. K.
- Hendrickson, Elizabeth K. See Farber, Steven A.
- Hendrickson, H. Stewart. See Farber, Steven A.
- Hendrickson, Tamara L. See Döring, Volker.
- Hendrix, R. W. See Conway, J. F.
- Henikoff, Steven. See Lindroth, Anders M.
- Henry, C. See Robinson, D. P.
- Henry, Florence. See Bockelée-Morvan, Dominique.
- Herberich, Brad. See Wang, Lei.
- Hererra-Osterheld, Sofia. See Beck, J. Warren.
- Hernández, P. A.; Notsu, K.; Salazar, J. M.; Mori, T.; Natale, G.; Okada, H.; Virgili, G.; Shimoike, Y.; Sato, M.; Pérez, N. M.: Carbon dioxide degassing by advective flow from Usu volcano, Japan. p83 6 April 2001.
- Herndon, James G. See Amara, Rama Rao.
- Herschbach, Dudley R. See Brams, Steven J.
- Hershey, Anne E. See Peterson, Bruce J.
- Hertwig, Ralph. See Hoffrage, Ulrich.
- Hessler, Jan P. See Chen, Lin X.
- Hestrin, Shaul. See Galarreta, Mario.
- Heuberger, M.; Zäch, M.; Spencer, N. D.: Density fluctuations under confinement: when is a fluid not a fluid? p905 4 May 2001.

- Heusel, Jonathan W. See Brown, Michael G.
 Hibbitts, Charles A. See McCord, Thomas B.
 Hickey, Leo J. See Royer, Dana L.
 Hickson, Ian D. See Wu, Leonard.
 High, Frances A. See Mullen, Alan C.
 Higuchi, Russell. See Grupe, Andrew.
 Hildebrand, John A. See Smith, Gideon P.
 Hill, Kim: The Yanomamo and the 1960s measles epidemic (letter). p1837 8 June 2001.
 Hines, Pamela J. and Marx, Jean (news): The endless race between plant and pathogen. p2269 22 June 2001.
 Hiraoka, Kenzo; Sato, Tetsuya; Takayama, Toshikazu: Tunneling reactions in interstellar ices (perspective). p869 4 May 2001.
 Ho, Shiu-Ying. See Farber, Steven A.
 Hobbs, Helen H. See Garcia, Christine Kim.
 Hochella, Michael F., Jr. See Lower, Steven K.
 Hodell, David A.; Brenner, Mark; Curtis, Jason H.; Guilderson, Thomas: Solar forcing of drought frequency in the Maya lowlands. p1367 18 May 2001.
 Hodgkin, S. T. See Oppenheimer, B. R.
 Hoerling, Martin P.; Hurrell, James W.; Xu, Taiyi: Tropical origins for recent North Atlantic climate change. p90 6 April 2001.
 Hoffrage, Ulrich; Lindsey, Samuel; Hertwig, Ralph; Gigerenzer, Gerd: Statistics: what seems natural? (letter). p854 4 May 2001.
 Hogan, Craig J.: review of *The Magic Furnace*, by Marcus Chown. p863 4 May 2001.
 Holden, Constance (news): Academies seek release of Egyptian scientist. p1811 8 June 2001. Few authors disclose conflicts, survey finds. p829 4 May 2001. How the brain understands music. p623 27 April 2001. Researcher sues after school spent his grant. p411 20 April 2001. Zapping memory center triggers drug craving. p1039 11 May 2001.
 Holers, V. Michael. See Szakonyi, Gerda.
 Holland, D. M.: Explaining the Weddell Polynya—a large ocean eddy shed at Maud Rise. p1697 1 June 2001.
 Holland, E. See Pacala, S. W.
 Hollmann, Michael. See Lacombe, Benoit.
 Holloway, J. S. See Ryerson, T. B.
 Holmes, Edward C. See Pybus, Oliver G.
 Hood, Leroy. See Ideker, Trey.
 Hook, R. See Weaver, H. A.
 Hooper, Lora V. and Gordon, Jeffrey I.: Commensal host-bacterial relationships in the gut. p1115 11 May 2001.
 Horimoto, Naoki. See Yamada, Katsuya.
 Houghton, R. A. See Pacala, S. W.
 Hougland, James L. See Cohen, Itai.
 Howard, Jane K. See Lord, Graham M.
 Howarth, Robert. See Tilman, David.
 Howarth, Robert W.: Hypoxia, fertilizer, and the Gulf of Mexico (letter). p1485 25 May 2001.
 Howe, LeAnn. See Brown, Christine E.
 Hu, Jiangtao; Li, Liang-shi; Yang, Weidong; Manna, Liberato; Wang, Lin-wang; Alivisatos, A. Paul: Linearly polarized emission from colloidal semiconductor quantum rods. p2060 15 June 2001.
 Hu, M. Y. See Mao, H. K.
 Huang, J. See Prinn, R. G.
 Huang, Jin-Lin. See Ouyang, Min.
 Huang, Michael H.; Mao, Samuel; Feick, Henning; Yan, Haoquan; Wu, Yiyang; Kind, Hannes; Weber, Eicke; Russo, Richard; Yang, Peidong: Room-temperature ultraviolet nanowire nanolasers. p1897 8 June 2001.
 Huang, Wei. See Ke, Yuehai.
 Huang, Z. See Milton, S. V.
 Hübler, G. See Ryerson, T. B.
 Hudson, Angela. See Guss, Kirsten A.
 Huerre, Michel. See Lecuit, Marc.
 Huey, L. G. See Ryerson, T. B.
 Hughes, Malcolm K. See Bradley, Raymond S.
 Hughes, Terry P. See Bellwood, David R.
 Hulseley, Michael L. See Amara, Rama Rao.
 Hunot, Stéphane and Flavell, Richard A.: Death of a monopoly? (perspective). p865 4 May 2001.
 Huntley, Brian. See Kates, Robert W.
 Hurley, Sean M. and Castleman, A. Welford, Jr.: Keeping reactions under quantum control (perspective). p648 27 April 2001.
 Hurrell, James W. See Hoerling, Martin P.
 Hurtt, G. C. See Pacala, S. W.
 Hutchins, Anne S. See Mullen, Alan C.
 Huttley, Gavin A. See Adcock, Gregory J.
 Hvalby, Øvind. See Mack, Volker.
 Hwang, Harold Y. See Schön, Jan Hendrik.
 Ideker, Trey; Thorsson, Vesteinn; Ranish, Jeffrey A.; Christmas, Rowan; Buhler, Jeremy; Eng, Jimmy K.; Bumgarner, Roger; Goodlett, David R.; Aebersold, Ruedi; Hood, Leroy: Integrated genomic and proteomic analyses of a systematically perturbed metabolic network. p929 4 May 2001.
 Iino, Masae; Goto, Kaori; Kakegawa, Wataru; Okada, Haruo; Sudo, Makoto; Ishiuchi, Shogo; Miwa, Akiko; Takayasu, Yukihiko; Saito, Izumu; Tsuzuki, Keisuke; Ozawa, Seiji: Glia-synapse interaction through Ca^{2+} -permeable AMPA receptors in Bergmann glia. p926 4 May 2001.
 Ilani, S.; Yacoby, A.; Mahalu, D.; Shtrikman, Hadas: Microscopic structure of the metal-insulator transition in two dimensions. p1354 18 May 2001.
 Im, Kyung-Hoan. See Ullah, Hemayet.
 Inagaki, Nobuya. See Yamada, Katsuya.
 Indian National Science Academy. See Australian Academy of Sciences.
 Indonesian Academy of Sciences. See Australian Academy of Sciences.
 Inguscio, Massimo: A new trick of the trade (perspective). p452 20 April 2001.
 Inoue, Takafumi. See Fukami, Kiyoko.
 Irion, Robert (news): Precision cosmology takes flight. p2234 22 June 2001.
 Ishiuchi, Shogo. See Iino, Masae.
 Israelachvili, Jacob and Gourdon, Delphine: Putting liquids under molecular-scale confinement (perspective). p867 4 May 2001.
 Istvan, Eva S. and Deisenhofer, Johann: Structural mechanism for statin inhibition of HMG-CoA reductase. p1160 11 May 2001.
 Ivan, Mircea; Kondo, Keiichi; Yang, Haifeng; Kim, William; Valiano, Jennifer; Ohh, Michael; Salic, Adrian; Asara, John M.; Lane, William S.; Kaelin, William G., Jr.: HIF α targeted for VHL-mediated destruction by proline hydroxylation: implications for O₂ sensing. p464 20 April 2001.
 Iwata, Nobuhisa; Tsubuki, Satoshi; Takaki, Yoshie; Shirotani, Keiro; Lu, Bao; Gerard, Norma P.; Gerard, Craig; Hama, Emi; Lee, Hahn-Jun; Saido, Takaomi C.: Metabolic regulation of brain A β by neprilysin. p1550 25 May 2001.
 Izenberg, N. See Veverka, J.
 Jäger, Wighard J. H. See Chen, Lin X.
 James, Thomas S. See Dragert, Herb.
 Janssen-Bienhold, Ulrike. See Kamermans, Maarten.
 Jarne, Philippe. See Otto, Sarah P.
 Jarvie, James K. See Jepson, Paul.
 Jennings, Guy. See Chen, Lin X.
 Jensen, Vidar. See Mack, Volker.
 Jepson, Paul; Jarvie, James K.; MacKinnon, Kathy; Monk, Kathryn A.: The end for Indonesia's lowland forests? p859 4 May 2001.
 Jermini, Lars S. See Adcock, Gregory J.
 Jesih, Adolf. See Remskar, Maja.
 Jha, P.; Nagelkerke, N. J. D.; Ngugi, E. N.; Prasada Rao, J. V. R.; Willbond, B.; Moses, S.; Plummer, F. A.: Reducing HIV transmission in developing countries (policy forum). p224 13 April 2001.
 Ji, Juan Juan. See Yamada, Katsuya.
 Jin, Jianzhong. See Ke, Yuehai.
 Jin, Li. See Ke, Yuehai.
 Jin, Sheng. See Wei, Wenbo.
 Jodha, Narpat S. See Kates, Robert W.
 John, Phillip: Toward diamond lasers (perspective). p1847 8 June 2001.
 John, Sajeev. See Toader, Ovidiu.
 Johnson, Iain D. See Farber, Steven A.
 Johnson, J. E. See Conway, J. F.
 Johnson, Nels; Revenga, Carmen; Echeverria, Jaime: Managing water for people and nature (policy forum). p1071 11 May 2001.
 Johnston, James D.: Global warming: an insignificant trend? (letter). p1063 11 May 2001.
 Johnston, Wendy K.; Unrau, Peter J.; Lawrence, Michael S.; Glasner, Margaret E.; Bartel, David P.: RNA-catalyzed RNA polymerization: accurate and general RNA-templated primer extension. p1319 18 May 2001.
 Johnstone, Sarah E. See Mayfield, Jacob A.
 Jokipii, J. R.: review of *The Sun from Space*, by Kenneth R. Lang. p645 27 April 2001.
 Jolley, David W. See Royer, Dana L.
 Jones, Alan. See Wei, Wenbo.
 Jones, Alan M. See Ullah, Hemayet. See also Wang, Xi-Qing.
 Jones, John G. See Pope, Kevin O.
 Jones, Kate E. See Gittleman, John L.
 Jones, P. D.; Osborn, T. J.; Briffa, K. R.: The evolution of climate over the last millennium. p662 27 April 2001.
 Jones, Philip D. See Bradley, Raymond S.
 Jones, Rhys. See Roberts, Richard G.
 Jones, Timothy Trengove: South Africa in crisis on HIV/AIDS treatment (letter). p2431 29 June 2001.
 Jorda, L. See Weaver, H. A.
 Jordán, Ferenc. See Szathmáry, Eörs.
 Joseph, J. See Veverka, J.
 Juengst, Eric. See Parens, Erik.
 Jull, A. J. Timothy. See Beck, J. Warren.
 Jung, C. U. See Kang, W. N.
 Kaelin, William G., Jr. See Ivan, Mircea.
 Kaestner, Klaus H. See Cho, Han.
 Kaiser, Jocelyn (news): Even in a time of plenty, some do better than others. p1995 15 June 2001. 17 national academies endorse Kyoto. p1275 18 May 2001. Toxicologists hit the West Coast. p837 4 May 2001. Words (and axes) fly over transgenic trees. p34 6 April 2001.
 Kaiser, Karl. See Ogawa, Hiroshi.
 Kaiser, Katharina M. M. See Mack, Volker.
 Kakegawa, Wataru. See Iino, Masae.
 Kalir, S.; McClure, J.; Pabbaraju, K.; Southward, C.; Ronen, M.; Leibler, S.; Surette, M. G.; Alon, U.: Ordering genes in a flagella pathway by analysis of expression kinetics from living bacteria. p2080 15 June 2001.
 Kamermans, Maarten; Fahrenfort, Iris; Schultz, Konrad; Janssen-Bienhold, Ulrike; Sjoerdsma,

J and K

- Jaakkola, Panu; Mole, David R.; Tian, Ya-Min; Wilson, Michael I.; Gielbert, Janine; Gaskell, Simon J.; von Kriegsheim, Alexander; Hebestreit, Holger F.; Mukherji, Mridul; Schofield, Christopher J.; Maxwell, Patrick H.; Pugh, Christopher W.; Ratcliffe, Peter J.: Targeting of HIF- α to the von Hippel-Lindau ubiquitylation complex by O₂-regulated prolyl hydroxylation. p468 20 April 2001.
 Jackson, James P. See Lindroth, Anders M.
 Jacobsen, Steven E. See Lindroth, Anders M.
 Jaeger, Carlo C. See Kates, Robert W.
 Jäger, Jill. See Kates, Robert W.

- Trijntje; Weiler, Reto: Hemichannel-mediated inhibition in the outer retina. p1178 11 May 2001.
- Kanda, Hisao. See Koizumi, Satoshi.
- Kang, Pil Jung; Sanson, Anthony; Lee, Bongyong; Park, Hay-Oak: A GDP/GTP exchange factor involved in linking a spatial landmark to cell polarity. p1376 18 May 2001.
- Kang, W. N.; Kim, Hyeong-Jin; Choi, Eun-Mi; Jung, C. U.; Lee, Sung-Ik: MgB₂ superconducting thin films with a transition temperature of 39 kelvin. p1521 25 May 2001.
- Kapos, Valerie: review of *Green Phoenix*, by William Allen. p1074 11 May 2001.
- Karras, Greg: Continuing research into Gulf War illness (letter). p853 4 May 2001.
- Karsenti, Eric. See Surrey, Thomas.
- Karson, Jeffrey A.: Oceanic crust when Earth was young (perspective). p1076 11 May 2001.
- Kasperson, Roger E. See Kates, Robert W.
- Kataoka, Yuki. See Fukami, Kiyoko.
- Kates, Robert W.; Clark, William C.; Corell, Robert; Hall, J. Michael; Jaeger, Carlo C.; Lowe, Ian; McCarthy, James J.; Schellnhuber, Hans Joachim; Bolin, Bert; Dickson, Nancy M.; Faucheux, Sylvie; Gallopin, Gilberto C.; Grubler, Arnulf; Huntley, Brian; Jäger, Jill; Jodha, Narpal S.; Kasperson, Roger E.; Mabogunje, Akin; Matson, Pamela; Mooney, Harold; Moore, Berrien, III; O'Riordan, Timothy; Svedin, Uno: Sustainability science (policy forum). p641 27 April 2001.
- Katsuki, Motoya. See Fukami, Kiyoko.
- Katz, Samuel L.: The Yanomamo and the 1960s measles epidemic (letter). p1837 8 June 2001.
- Kawane, Kohki; Fukuyama, Hidehiro; Kondoh, Gen; Takeda, Junji; Ohsawa, Yoshiyuki; Uchiyama, Yasuo; Nagata, Shigekazu: Requirement of DNase II for definitive erythropoiesis in the mouse fetal liver. p1546 25 May 2001.
- Kay, David. See Wei, Wenbo.
- Ke, Yuehai; Su, Bing; Song, Xiufeng; Lu, Daru; Chen, Lifeng; Li, Hongyu; Qi, Chunjian; Marzuki, Sangkot; Deka, Ranjan; Underhill, Peter; Xiao, Chunjie; Shriver, Mark; Lell, Jeff; Wallace, Douglas; Wells, R. Spencer; Seielstad, Mark; Oefner, Peter; Zhu, Dingliang; Jin, Jianzhong; Huang, Wei; Chakraborty, Ranajit; Chen, Zhu; Jin, Li: African origin of modern humans in East Asia: a tale of 12,000 Y chromosomes. p1151 11 May 2001.
- Keesey, M. S. W. See Weaver, H. A.
- Keimer, Bernhard: Quasi-particles survive—for now (perspective). p1498 25 May 2001.
- Kelleher, Joanne. See Stephanopoulos, Gregory.
- Kelley, Anne Myers; Michalet, Xavier; Weiss, Shimon: Single-molecule spectroscopy comes of age (perspective). p1671 1 June 2001.
- Kelly, K. F. See Donhauser, Z. J.
- Kennedy, Donald (editorials): Black carp and sick cows. p169 13 April 2001. Drug prices: real problem, wrong solution. p1797 8 June 2001. (letter): Global warming: an insignificant trend? p1063 11 May 2001.
- Kerr, Richard A. (news): Bush backs spending for a 'global problem'. p1978 15 June 2001. Greenhouse warming passes one more test. p193 13 April 2001. A lively or stagnant lowermost mantle? p841 4 May 2001. Of ozone, teapots, and snowballs. p2241 22 June 2001. An orbital confluence leaves its mark. p191 13 April 2001. Oregon's rising, an eruption to follow? p1281 18 May 2001. Putting limits on the diversity of life. p1481 25 May 2001. Rethinking water on Mars and the origin of life. p39 6 April 2001. Returning alien rocks right the second time. p1817 8 June 2001. Rising global temperature, rising uncertainty. p192 13 April 2001. The tropics return to the climate system. p660 27 April 2001. A variable sun and the Maya collapse. p1293 18 May 2001.
- Ketterle, W. See Abo-Shaer, J. R.
- Khan, Adil A.; Bose, Christian; Yam, Lung S.; Soloski, Mark J.; Rupp, Fabio: Physiological regulation of the immunological synapse by agrin. p1681 1 June 2001.
- Kidd, Thomas. See Kramer, Sunita G.
- Kiefl, R. F. See Sonier, J. E.
- Kim, Hyeong-Jin. See Kang, W. N.
- Kim, Jason K. See Cho, Han.
- Kim, K. S. See Lilburn, T. G.
- Kim, K.-J. See Milton, S. V.
- Kim, Minseok; Bertram, Matthias; Pollmann, Michael; von Oertzen, Alexander; Mikhailov, Alexander S.; Rotermund, Harm Hinrich; Ertl, Gerhard: Controlling chemical turbulence by global delayed feedback: pattern formation in catalytic CO oxidation on Pt(110). p1357 18 May 2001.
- Kim, William. See Ivan, Mircea.
- Kimura, T. See Chuang, Y.-D.
- Kincaid, Chris. See Hall, Paul S.
- Kind, Hannes. See Huang, Michael H.
- Kirk, R. See Veverka, J.
- Klahr, David: Directions to "eureka!" (letter). p2009 15 June 2001.
- Klausner, Richard D. See Goldin, Daniel S.
- Klein, Robert F. See Grupe, Andrew.
- Kliwer, Steven A. See Watkins, Ryan E.
- Kloc, Christian. See Schön, Jan Hendrik.
- Klöcker, Nikolaj. See Oliver, Dominik.
- Klug, Aaron: A marvellous machine for making messages (perspective). p1844 8 June 2001.
- Knapp, Sandra: review of *The Eden Project*, at Bodelva, St. Austell, Cornwall PL24 2 SG, UK. p2017 15 June 2001.
- Knittel, Joachim. See Koenig, Frank.
- Knobel, R. See Gupta, J. A.
- Knowlton, Nancy: Coral reef biodiversity—habitat size matters (perspective). p1493 25 May 2001.
- Koblizek, Michal. See Kolber, Zbigniew S.
- Koch, Paul L. See Royer, Dana L.
- Koenig, Frank; Knittel, Joachim; Stepp, Herbert: Diagnosing cancer in vivo (Tech.Sight). p1401 18 May 2001.
- Koenig, Robert (news): A big boost for postgenome research. p29 6 April 2001. Creationism takes root where Europe, Asia meet. p1286 18 May 2001. E.U. research chief's strategy: unite and conquer. p2425 29 June 2001. A former capital stakes its future on science. p1827 8 June 2001. Max Planck offers historic apology. p1979 15 June 2001. Old guard battles academic reforms. p30 6 April 2001. Scientists rebel against research overhaul. p1038 11 May 2001. Thirty nations pledge to harmonize degrees. p1465 25 May 2001. Two pledges boost SESAME project. p619 27 April 2001. Unwrapping a modern mummy mystery. p2417 29 June 2001. Zoology institute shakes off the dust. p1829 8 June 2001.
- _____ and Vogel, Gretchen: Bulmahn is bullish on science reforms. p629 27 April 2001. German leaders spar over bioethics. p1811 8 June 2001.
- Kohlmaier, G. See Pacala, S. W.
- Koike, Isao. See Ogawa, Hiroshi.
- Koizumi, Satoshi; Watanabe, Kenji; Hasegawa, Masataka; Kanda, Hisao: Ultraviolet emission from a diamond pn junction. p1899 8 June 2001.
- Kokurina, Elena. See Pokrovsky, Vladimir.
- Kolber, Zbigniew S.; Plumley, F. Gerald; Lang, Andrew S.; Beatty, J. Thomas; Blankenship, Robert E.; VanDover, Cindy L.; Vetrani, Costantino; Koblizek, Michal; Rathgeber, Christopher; Falkowski, Paul G.: Contribution of aerobic photoheterotrophic bacteria to the carbon cycle in the ocean. p2492 29 June 2001.
- Kondo, Keiichi. See Ivan, Mircea.
- Kondoh, Gen. See Kawane, Kohki.
- Kondro, Wayne (news): Canada seeks economic payoff across species. p186 13 April 2001. Canadian panel aims for middle ground. p31 6 April 2001. See also Normile, Dennis.
- Konishi, Masakazu. See Peña, José Luis.
- Kopelman, A. See Tatar, M.
- Kopito, Ron R. See Bence, Neil F.
- Kopold, R. See Salières, P.
- Korn, David: Conflicts of interest (letter). p639 27 April 2001.
- Kornberg, Roger D. See Cramer, Patrick. See also Gnat, Averell L.
- Kornfeld, Stuart. See Zhu, Yunxiang.
- Korsmeyer, Stanley J. See Wei, Michael C.
- Kostoff, Ronald N. and Hartley, James: Structured abstracts for technical journals (letter). p1067 11 May 2001.
- Kozyr, Natalia L. See Amara, Rama Rao.
- Krajick, Kevin (news): Long-term data show lingering effects from acid rain. p195 13 April 2001. Thermal features bubble in Yellowstone Lake. p1479 25 May 2001. Tracking icebergs for clues to climate change. p2244 22 June 2001.
- Kramer, Sunita G.; Kidd, Thomas; Simpson, Julie H.; Goodman, Corey S.: Switching repulsion to attraction: changing responses to slit during transition in mesoderm migration. p737 27 April 2001.
- Kraus, Mary Ellen. See Guss, Kirsten A.
- Krause, Bernie. See Gray, Patricia M.
- Kreitman, Martin. See Bergelson, Joy.
- Kress, W. John and DePriest, Paula: What's in a PhyloCode name? (letter). p52 6 April 2001.
- Krise, Jeff. See Carroll, Kate S.
- Ku, Min (news): Scientists spar over reform plan. p1625 1 June 2001.
- Kubetzka, A. See Pietzsch, O.
- Kuch, Melanie. See Poinar, Hendrik.
- Kulmala, Markku. See Charlson, Robert J.
- Kumaranayake, L. See Schwartzländer, B.
- Kung, Andrew L. See Mullen, Alan C.
- Kunlan, Li. See Zuwei, Xi.
- Kurokawa, Manabu. See Fukami, Kiyoko.
- Kurtz, S. E. See Shepherd, D. S.
- Kusky, Timothy M.; Li, Jiang-Hai; Tucker, Robert D.: The Archean Dongwanzi ophiolite complex, North China craton: 2.505-billion-year-old oceanic crust and mantle. p1142 11 May 2001.
- Kuster, W. C. See Ryerson, T. B.
- Kustov, Alexander. See Tian, Biao.
- Kwak, June M. See Lacombe, Benoit.
- Kwon, Ohsuk. See Georgellis, Dimitris.

L and M

- Laaksonen, Ari. See Charlson, Robert J.
- LaBella, V. P.; Bullock, D. W.; Ding, Z.; Emery, C.; Venkatesan, A.; Oliver, W. F.; Salamo, G. J.; Thibado, P. M.; Mortazavi, M.: Spatially resolved spin-injection probability for gallium arsenide. p1518 25 May 2001.
- Lacey, J. A. See Stöhr, J.
- Lacombe, Benoit; Becker, Dirk; Hedrich, Rainer; DeSalle, Rob; Hollmann, Michael; Kwak, June M.; Schroeder, Julian I.; Le Novère, Nicolas; Nam, Hong Gil; Spalding, Edgar P.; Tester, Mark; Turano, Frank J.; Chiu, Joanna; Coruzzi, Gloria: The identity of plant glutamate receptors (letter). p1486 25 May 2001.
- Lacovara, Kenneth J. See Smith, Joshua B.
- LaDeau, Shannon L. and Clark, James S.: Rising CO₂ levels and the fecundity of forest trees. p95 6 April 2001.
- Ladika, Susan (news): New effort puts radiation sentinels at the borders. p1633 1 June 2001. Tracing the shadowy origins of nuclear contraband. p1634 1 June 2001.
- Laeng, Pascal. See Lumelsky, Nadya.
- Lagace, Christopher J. See Trimmer, Barry A.

- Lamanna, Matthew C. See Smith, Joshua B.
- Lambeck, Kurt and Chappell, John: Sea level change through the last glacial cycle. p679 27 April 2001.
- Lambert, Millard H. See Watkins, Ryan E.
- Lamy, P. L. See Weaver, H. A.
- Landick, Robert. See Touloukhonov, Innokenti.
- Lane, William S. See Ivan, Mircea.
- Lang, Andrew S. See Kolber, Zbigniew S.
- Lanza, Robert P.; Cibelli, Jose B.; West, Michael D.; Dorff, Elliott; Tauer, Carol; Green, Ronald M.: The ethical reasons for stem cell research (letter). p1299 18 May 2001.
- Lapan, Joshua. See Farhi, Edward.
- Larsen, Eric C. See Blackmer, Trillium.
- Laslett, Geoff M. See Roberts, Richard G.
- Laurence, William F.; Fearnside, Philip M.; Cochrane, Mark A.; D'Angelo, Sammya; Bergen, Scott; Delamónica, Patricia: Development of the Brazilian Amazon (letter). p1652 1 June 2001.
- Lawler, Andrew (news): Canada eyes front-row seat in Mars program. p1813 8 June 2001. Former advisers fret over OSTP vacancy. p1041 11 May 2001. New imaging tools put the art back into science. p1044 11 May 2001. President's new adviser ready to put science in its place. p2408 29 June 2001. Writing gets a rewrite. p2418 29 June 2001.
- Lawrence, Michael S. See Johnston, Wendy K.
- Lawton, John: Earth system science (editorial). p1965 15 June 2001.
- Le Clainche, Christophe. See Pantaloni, Dominique.
- Le Déroff, L. See Salières, P.
- Le Novère, Nicolas. See Lacombe, Benoit.
- Leadbetter, J. R. See Lilburn, T. G.
- Lean, Judith and Rind, David: Earth's response to a variable Sun (perspective). p234 13 April 2001.
- Lebkowski, Jane S. See Harley, Calvin B.
- Lechler, Robert I. See Lord, Graham M.
- Lecuit, Marc; Vandormael-Pournin, Sandrine; Lefort, Jean; Huerre, Michel; Gounon, Pierre; Dupuy, Catherine; Babinet, Charles; Cossart, Pascale: A transgenic model for listeriosis: role of internalin in crossing the intestinal barrier. p1722 1 June 2001.
- Ledo, Juanjo. See Wei, Wenbo.
- Lee, Bongyong. See Kang, Pil Jung.
- Lee, Hahn-Jun. See Iwata, Nobuhisa.
- Lee, Hubert W. See Mullen, Alan C.
- Lee, Jeong-Soo. See Fricke, Cornelia.
- Lee, Ronald: Predicting human longevity (letter). p1654 1 June 2001.
- Lee, Seon Hwa; Oe, Tomoyuki; Blair, Ian A.: Vitamin C-induced decomposition of lipid hydroperoxides to endogenous genotoxins. p2083 15 June 2001.
- Lee, Sung-Ik. See Kang, W. N.
- Leever, Sally J. See Clancy, David J.
- Lefort, Jean. See Lecuit, Marc.
- Lehto, Veli-Pekka. See Zhu, Yunxiang.
- Leibler, S. See Kalir, S.
- Leibler, Stanislas. See Surrey, Thomas.
- Lell, Jeff. See Ke, Yuehai.
- Lemke, Peter: Open windows to the polar oceans (perspective). p1670 1 June 2001.
- Leng, M. J. See Barker, P. A.
- Lentz, David L. See Pope, Kevin O.
- Leonard, Jennifer A. See Vilá, Carles.
- Levelt, Willem J. M.: Defining dyslexia (letter). p1300 18 May 2001.
- Levin, Bruce R. and Antia, Rustom: Why we don't get sick: the within-host population dynamics of bacterial infections. p1112 11 May 2001.
- Levis, Robert J.; Menkir, Getahun M.; Rabitz, Herschel: Selective bond dissociation and rearrangement with optimally tailored, strong-field laser pulses. p709 27 April 2001.
- Levitt, Jonathan B.: Function following form (perspective). p232 13 April 2001.
- Levitus, Sydney; Antonov, John I.; Wang, Julian; Delworth, Thomas L.; Dixon, Keith W.; Broccoli, Anthony J.: Anthropogenic warming of Earth's climate system. p267 13 April 2001.
- Lévy, Francis. See Remskar, Maja.
- Levy, Lorenza. See Farnham, Tony L.
- Lewellen, J. W. See Milton, S. V.
- Lewenstein, M. See Salières, P.
- Lewis, Sara M. See Trimmer, Barry A.
- Li, Dawei. See Szakonyi, Gerda.
- Li, G. D. See Tang, Z. K.
- Li, H. See Veverka, J.
- Li, Hongyu. See Ke, Yuehai.
- Li, Hui. See Cohen, Itai.
- Li, Jiang-Hai. See Kusky, Timothy M.
- Li, Liang-shi. See Hu, Jiangtao.
- Li, Shenghui. See Wei, Wenbo.
- Li, Y. See Milton, S. V.
- Liang, R. See Sonier, J. E.
- Lieber, Charles M. See Ouyang, Min.
- Lieberman, Kate. See Yusupov, Marat M.
- Lien, S. A. See Stöhr, J.
- Lilburn, T. G.; Kim, K. S.; Ostrom, N. E.; Byzek, K. R.; Leadbetter, J. R.; Breznak, J. A.: Nitrogen fixation by symbiotic and free-living spirochetes. p2495 29 June 2001.
- Lin, Edmund C. C. See Georgellis, Dimitris.
- Linderman, Marc. See Liu, Jianguo.
- Lindroth, Anders M.; Cao, Xiaofeng; Jackson, James P.; Zilberman, Daniel; McCallum, Claire M.; Henikoff, Steven; Jacobsen, Steven E.: Requirement of *CHROMOMETHYLASE3* for maintenance of CpXpG methylation. p2077 15 June 2001.
- Lindsey, Samuel. See Hoffrage, Ulrich.
- Lindsten, Tullia. See Wei, Michael C.
- Liphardt, Jan; Onoa, Bibiana; Smith, Steven B.; Tinoco, Ignacio, Jr.; Bustamante, Carlos: Reversible unfolding of single RNA molecules by mechanical force. p733 27 April 2001.
- Lippmeier, J. C. See Zaslavskaja, L. A.
- Lipsitch, Marc: Bacterial population genetics and disease (perspective). p59 6 April 2001.
- Lis, Dariusz C. See Bockelée-Morvan, Dominique.
- Lisse, C. M. See Weaver, H. A.
- ; Christian, D. J.; Dennerl, K.; Meech, K. J.; Petre, R.; Weaver, H. A.; Wolk, S. J.: Charge exchange-induced x-ray emission from comet C/1999 S4 (LINEAR). p1343 18 May 2001.
- Lister, Adrian M.: Tales from the DNA of domestic horses (letter). p218 13 April 2001.
- Liu, Jianguo; Linderman, Marc; Ouyang, Zhiyun; An, Li; Yang, Jian; Zhang, Hemin: Ecological degradation in protected areas: the case of Wolong Nature Reserve for giant pandas. p98 6 April 2001.
- Liu, Qinyu. See Xie, Shang-Ping.
- Liu, Tong; DeCostanzo, Anthony J.; Liu, Xunxian; Wang, Hsien-yu; Hallagan, Sarah; Moon, Randall T.; Malbon, Craig C.: G protein signaling from activated rat frizzled-1 to the β -catenin-Lef-Tcf pathway. p1718 1 June 2001.
- Liu, W. Timothy. See Xie, Shang-Ping.
- Liu, Xinhe. See Vorel, Stanislav R.
- Liu, Xunxian. See Liu, Tong.
- Livingston, David M. See Mullen, Alan C.
- Lloyd, Alun L. and May, Robert M.: How viruses spread among computers and people (perspective). p1316 18 May 2001.
- Lloyd, Seth: Computation from geometry (perspective). p1669 1 June 2001.
- Lloyd, Sir Ian: Or, global warming: a \$25-billion challenge? (letter). p1064 11 May 2001.
- Longo, Valter D. See Fabrizio, Paola.
- Lord, Graham M.; Matarese, Giuseppe; Howard, Jane K.; Lechler, Robert I.: The bioenergetics of the immune system (letter). p855 4 May 2001.
- Loureiro, S. M. See Monteverde, M.
- Lowe, Ian. See Kates, Robert W.
- Lower, Steven K.; Hochella, Michael F., Jr.; Beveridge, Terry J.: Bacterial recognition of mineral surfaces: nanoscale interactions between *Shewanella* and α -FeOOH. p1360 18 May 2001.
- Lu, Bao. See Iwata, Nobuhisa.
- Lu, Daru. See Ke, Yuehai.
- Lübbers, R. See Mao, H. K.
- Lucey, P. See Veverka, J.
- Ludwig, Jost. See Oliver, Dominik.
- Luh, D.-A.; Miller, T.; Paggel, J. J.; Chou, M. Y.; Chiang, T.-C.: Quantum electronic stability of atomically uniform films. p1131 11 May 2001.
- Lumelsky, Nadya; Blondel, Olivier; Laeng, Pascal; Velasco, Ivan; Ravin, Rea; McKay, Ron: Differentiation of embryonic stem cells to insulin-secreting structures similar to pancreatic islets. p1389 18 May 2001.
- Lumpkin, A. H. See Milton, S. V.
- Lundgren, Andrew. See Farhi, Edward.
- Lüning, J. See Stöhr, J.
- Luo, Zhe-Xi; Crompton, Alfred W.; Sun, Ai-Lin: A new mammaliaform from the Early Jurassic and evolution of mammalian characteristics. p1535 25 May 2001.
- Lyapina, Svetlana. See Schwechheimer, Claus.
- ; Cope, Gregory; Shevchenko, Anna; Serino, Giovanna; Tsuge, Tomohiko; Zhou, Chunshui; Wolf, Dieter A.; Wei, Ning; Shevchenko, Andrej; Deshaies, Raymond J.: Promotion of NEDD8-CUL1 conjugate cleavage by COP9 signalosome. p1382 18 May 2001.
- Lydy, Shari L. See Amara, Rama Rao.
- Ma, Feng and Wills, Beverley J.: Discovery of hidden blazars. p2050 15 June 2001.
- Ma, Hak-Ling. See Amara, Rama Rao.
- Mabogunje, Akin. See Kates, Robert W.
- Macara, Ian G. See Nemergut, Michael E.
- Macaulay, Vincent. See Cooper, Alan.
- MacDonald, M. P. See Paterson, L.
- MacGregor, Grant R. See Wei, Michael C.
- Mack, Volker; Burnashev, Nail; Kaiser, Katharina M. M.; Rozov, Andrei; Jensen, Vidar; Hvalby, Øvind; Seeburg, Peter H.; Sakmann, Bert; Sprengel, Rolf: Conditional restoration of hippocampal synaptic potentiation in GluR-A-deficient mice. p2501 29 June 2001.
- MacKinnon, Kathy. See Jepson, Paul.
- MacPhee, Ross D. E. and Flemming, Clare: Extinction: complexity of assessing risk (letter). p217 13 April 2001.
- Maffei, Lamberto. See Di Cristo, Graziella.
- Magée-Sauer, K. See Mumma, M. J.
- Mahalu, D. See Ilani, S.
- Mahler, Günter: review of *Quantum Computation and Quantum Information*, by Michael A. Nielsen and Isaac L. Chuang. p57 6 April 2001.
- Maioli, Mario. See Garcia, Christine Kim.
- Makarov, O. See Milton, S. V.
- Mäkinen, J. Teemu T.; Bertaux, Jean-Loup; Combi, Michael R.; Quémerais, Eric: Water production of comet C/1999 S4 (LINEAR) observed with the SWAN instrument. p1326 18 May 2001.
- Malakoff, David (news): Administration's energy plan is short on scientific details. p1462 25 May 2001. Can ASTRA restore a glow to the physical sciences? p832 4 May 2001. Faces in the crowd. p834 4 May 2001. For all but NIH, the devil is indeed in the details. p182 13 April 2001. Hawaii rides a wave of research earmarks. p835 4 May 2001. Memo to Congress: get better advice. p2229 22 June 2001. New leaders emerge after Senate shake-up. p1627 1 June 2001. NIH prays for a soft landing after its doubling ride ends. p1992 15 June 2001. NIH stays the course in choosing how to spend its growing budget. p1993 15 June 2001.

- Now battling for science: New York's Sherry Boehlert. p1048 11 May 2001. Perfecting the art of the science deal. p830 4 May 2001. Picture brightens a bit as first bills advance. p2229 22 June 2001. Tool of the trade. p833 4 May 2001. U.S. researchers go for scientific gold mine. p1979 15 June 2001. Venture capitalist to lead science panel. p28 6 April 2001.
- Malbon, Craig C. See Liu, Tong.
- Malin, M. See Veverka, J.
- Mann, Charles C.: The Yanomamo and the 1960s measles epidemic (letter). p1837 8 June 2001.
- Mann, Michael E. See Bradley, Raymond S.
- Mann, Richard. See Affolter, Markus.
- Manna, Liberato. See Hu, Jiangtao.
- Mantooth, B. A. See Donhauser, Z. J.
- Mao, H. K.; Xu, J.; Struzhkin, V. V.; Shu, J.; Hemley, R. J.; Sturhahn, W.; Hu, M. Y.; Alp, E. E.; Vocadlo, L.; Alfe, D.; Price, G. D.; Gillan, M. J.; Schwoerer-Böhning, M.; Häusermann, D.; Eng, P.; Shen, G.; Giefers, H.; Lübbers, R.; Wortmann, G.: Phonon density of states of iron up to 153 gigapascals. p914 4 May 2001.
- Mao, Samuel. See Huang, Michael H.
- Marec, Frantisek. See Weeks, Andrew R.
- Marlière, Philippe. See Döring, Volker.
- Marsden, B. G. See Weaver, H. A.
- Marshall, Eliot (news): Bioethics panel urges broader oversight. p1466 25 May 2001. Celera assembles mouse genome; public labs plan new strategy. p822 4 May 2001. Fred Hutchinson Center under fire. p25 6 April 2001. Genome teams adjust to shotgun marriage. p1982 15 June 2001. Lab chief, postdoc clash over nanotech paper. p2411 29 June 2001. NCI's Richard Klausner. p1990 15 June 2001. NHLBI's Claude Lenfant. p1991 15 June 2001. NIAID's Anthony Fauci. p1990 15 June 2001. A plan to release data within six months. p188 13 April 2001. Princeton picks biologist Tilghman as president. p1040 11 May 2001. Ruth Kirschstein and Alan Rabson. p1989 15 June 2001. Shirley Tilghman: Princeton's unconventional new chief. p1288 18 May 2001. Universities, NIH hear the price isn't right on essential drugs. p614 27 April 2001. Volunteer's death prompts review. p2226 22 June 2001. Who will be custodian of the crown jewels? p1988 15 June 2001.
- _____ and Normile, Dennis (news): Alzheimer's researcher in Japan accused of economic espionage. p1274 18 May 2001.
- Martens, Pim and Moser, Susanne C.: Health impacts of climate change (letter). p1065 11 May 2001.
- Martí, Eugènia. See Peterson, Bruce J.
- Martin, Thomas E. See Ghalambor, Cameron K.
- Martin, Thomas F. J. See Blackmer, Trillium.
- Marx, Jean (news): Do centrosome abnormalities lead to cancer? p426 20 April 2001. New clue to how the cell controls its proteins. p838 4 May 2001. New clue to the cause of Alzheimer's. p1468 25 May 2001. Transcription enzyme structure solved. p411 20 April 2001. Why some leukemia cells resist STI-571. p2231 22 June 2001. See also Hines, Pamela J.
- Marzuki, Sangkot. See Ke, Yuehai.
- Masters, Colin L. See Bush, Ashley I.
- Matarese, Giuseppe. See Lord, Graham M.
- Matsen, Mark W. See Thompson, Russell B.
- Matson, Pamela. See Kates, Robert W.
- Matthews, Henry. See Bockelée-Morvan, Dominique.
- Mauron, Alex: Searching for the heart of human nature (letter). p52 6 April 2001.
- Maxwell, Patrick H. See Jaakkola, Panu.
- May, Robert M.: Science and society (editorial). p1021 11 May 2001. See also Lloyd, Alun L.
- Mayfield, Jacob A.; Fiebig, Aretha; Johnstone, Sarah E.; Preuss, Daphne: Gene families from the *Arabidopsis thaliana* pollen coat proteome. p2482 29 June 2001.
- Mazursky, David. See Goldenberg, Jacob.
- McCallum, Charles A. See Goldhaber, Paul.
- McCallum, Claire M. See Lindroth, Anders M.
- McCarthy, James J. See Kates, Robert W.
- McCaughrean, Mark J. See Throop, Henry B.
- McClure, Harold M. See Amara, Rama Rao.
- McClure, J. See Kalir, S.
- McComb, Karen; Moss, Cynthia; Durant, Sarah M.; Baker, Lucy; Sayiale, Soila: Matriarchs as repositories of social knowledge in African elephants. p491 20 April 2001.
- McCord, Thomas B.; Hansen, Gary B.; Hibbitts, Charles A.: Hydrated salt minerals on Ganymede's surface: evidence of an ocean below. p1523 25 May 2001.
- McCrory, Douglas C. See Al-Khatib, Sana M.
- McCulloch, A. See Prinn, R. G.
- McDowell, William H. See Peterson, Bruce J.
- McFadden, L. See Veverka, J.
- McGreevey, W. See Schwartländer, B.
- McGuire, William P.: review of *The Story of Taxol*, by Jordan Goodman and Vivien Walsh. p1073 11 May 2001.
- McKay, Ron. See Lumelsky, Nadya.
- McLean, I. S. See Mumma, M. J.
- McNicholl, Janet M. See Amara, Rama Rao.
- Meagher, J. F. See Ryerson, T. B.
- Meech, K. J. See Lisse, C. M. See also Weaver, H. A.
- Meldrum, Deirdre R.: Sequencing genomes and beyond (Tech.Sight). p515 20 April 2001.
- Mellman, Ira: Considerations in creating online archives (letter). p51 6 April 2001.
- Mendelson, Jack H.: review of *Forces of Habit*, by David T. Courtwright. p1662 1 June 2001.
- Menkir, Getahun M. See Levis, Robert J.
- Merline, W. J. See Veverka, J.
- Mervis, Jeffrey (news): Lawmakers vie to shape NSF program. p1463 25 May 2001. New data in chemistry show 'zero' diversity. p1291 18 May 2001. NSF makes the BEST of a good idea. p416 20 April 2001.
- Meyer, Judy L. See Peterson, Bruce J.
- Michalet, Xavier. See Kelley, Anne Myers.
- Michel, Thomas. See Trimmer, Barry A.
- Mihailovic, Dragan. See Remskar, Maja.
- Mikhailov, Alexander S. See Kim, Minseok.
- Miki, Takashi. See Yamada, Katsuya.
- Mikoshiha, Katsuhiko. See Fukami, Kiyoko.
- Miles, Godfrey P. See Ellis, Brian E.
- Milinkovitch, Michel C. See Bossuyt, Franky.
- Miller, B. R. See Prinn, R. G.
- Miller, Christopher J.; Nichol, Robert C.; Batuski, David J.: Acoustic oscillations in the early universe and today. p2302 22 June 2001.
- Miller, J. K. See Veverka, J.
- Miller, Joseph. See Amara, Rama Rao.
- Miller, R. E. See Nauta, K.
- Miller, R. I. See Sonier, J. E.
- Miller, T. See Luh, D.-A.
- Milošević, D. B. See Salières, P.
- Milton, S. V.; Gluskin, E.; Arnold, N. D.; Benson, C.; Berg, W.; Biedron, S. G.; Borland, M.; Chae, Y.-C.; Dejus, R. J.; Den Hartog, P. K.; Deriy, B.; Erdmann, M.; Eidelman, Y. I.; Hahne, M. W.; Huang, Z.; Kim, K.-J.; Lewellen, J. W.; Li, Y.; Lumpkin, A. H.; Makarov, O.; Moog, E. R.; Nasiri, A.; Sajaev, V.; Soliday, R.; Tieman, B. J.; Trakhtenberg, E. M.; Travish, G.; Vasserman, I. B.; Vinokurov, N. A.; Wang, X. J.; Wiemerslage, G.; Yang, B. X.: Exponential gain and saturation of a self-amplified spontaneous emission free-electron laser. p2037 15 June 2001.
- Miwa, Akiko. See Iino, Masae.
- Mizzen, Craig A. See Nemergut, Michael E.
- Moffat, Anne Simon (news): Finding new ways to fight plant diseases. p2270 22 June 2001.
- Mole, David R. See Jaakkola, Panu.
- Mombaerts, Peter. See Wakayama, Teruhiko.
- Monk, Kathryn A. See Jepson, Paul.
- Monnell, J. D. See Donhauser, Z. J.
- Montefiori, David C. See Amara, Rama Rao.
- Monteverde, M.; Núñez-Regueiro, M.; Rogado, N.; Regan, K. A.; Hayward, M. A.; He, T.; Loureiro, S. M.; Cava, R. J.: Pressure dependence of the superconducting transition temperature of magnesium diboride. p75 6 April 2001.
- Moog, E. R. See Milton, S. V.
- Moon, Randall T. See Liu, Tong.
- Mooney, Harold. See Kates, Robert W.
- Moorcroft, P. See Pacala, S. W.
- Moore, B. See Pacala, S. W.
- Moore, Berrien, III. See Kates, Robert W.
- Moore, Catrin E. See Day, Nicholas P. J.
- Moore, D. T. See Nauta, K.
- Moore, Linda B. See Watkins, Ryan E.
- Mootz, Henning D. See Döring, Volker.
- Moran, Nancy A. See Ochman, Howard.
- Moreno, Raphaël. See Bockelée-Morvan, Dominique.
- Moret, Yannick and Schmid-Hempel, Paul: The bioenergetics of the immune system (letter). p855 4 May 2001.
- Morgan, B. J. T. See Coulson, T.
- Mori, T. See Hernández, P. A.
- Morrall, Donna D. See Peterson, Bruce J.
- Morris, G. D. See Sonier, J. E.
- Morris, Patricia L. See Zhang, Di.
- Mortazavi, M. See LaBella, V. P.
- Moser, Susanne C. See Martens, Pim.
- Moses, S. See Jha, P.
- Moss, Bernard. See Amara, Rama Rao.
- Moss, Cynthia. See McComb, Karen.
- Mourez, Michael. See Sellman, Bret R.
- Mrksich, Milan. See Cohen, Itai.
- Mrzel, Ales. See Remskar, Maja.
- Mu, James. See Cho, Han.
- Mudgett, Mary Beth. See Staskawicz, Brian J.
- Mukherji, Mridul. See Jaakkola, Panu.
- Mulholland, Patrick J. See Peterson, Bruce J.
- Mullen, Alan C.; High, Frances A.; Hutchins, Anne S.; Lee, Hubert W.; Villarino, Alejandro V.; Livingston, David M.; Kung, Andrew L.; Cereb, Nezh; Yao, Tso-Pang; Yang, Soo Y.; Reiner, Steven L.: Role of T-bet in commitment of T_{H1} cells before IL-12-dependent selection. p1907 8 June 2001.
- Muller, H. G. See Paul, P. M.
- Mullins, Mary C. See Farber, Steven A.
- Mullot, G. See Paul, P. M.
- Mumma, M. J.; Russo, N. Dello; DiSanti, M. A.; Magee-Sauer, K.; Novak, R. E.; Brittain, S.; Rettig, T.; McLean, I. S.; Reuter, D. C.; Xu, Li-H.: Organic composition of C/1999 S4 (LINEAR): a comet formed near Jupiter? p1334 18 May 2001.
- Munkholm, Annelie. See Chen, Lin X.
- Murchie, Scott. See Cheng, Andrew F. See also Veverka, J.
- Muro, Mark (news): Images and model catch planets as they form. p618 27 April 2001.
- Murphy, Michael F. See Day, Nicholas P. J.
- Murphy, William J. See O'Brien, Stephen J.
- Murray, Stephen S. See Grindlay, Jonathan E.
- Murtaugh, Charlie: Human cloning—not if, but when (letter). p639 27 April 2001.
- Myszka, David G. See Santagata, Sandro.

N and O

- Nagata, Shigekazu. See Kawane, Kohki.
- Nagel, Sidney R. See Cohen, Itai.
- Nagelkerke, N. J. D. See Jha, P.
- Nakamura, Kenji. See Fukami, Kiyoko.
- Nakao, Kazuki. See Fukami, Kiyoko.

- Nakayama, Jun-ichi; Rice, Judd C.; Strahl, Brian D.; Allis, C. David; Grewal, Shiv I. S.: Role of histone H3 lysine 9 methylation in epigenetic control of heterochromatin assembly. p110 6 April 2001.
- Nam, Hong Gil. See Lacombe, Benoit.
- Nangle, Leslie A. See Döring, Volker.
- Narayanan, Nisha: AAAS staff lead delegation to Cuba (AAAS News & Notes). p1565 25 May 2001.
- NAS: Larger class effects expansion of science. p1053 11 May 2001.
- Nassiri, A. See Milton, S. V.
- Natale, G. See Hernández, P. A.
- Nauta, K.; Moore, D. T.; Stiles, P. L.; Miller, R. E.: Probing the structure of metal cluster-adsorbate systems with high-resolution infrared spectroscopy. p481 20 April 2001.
- Nédélec, François. See Surrey, Thomas.
- Neel, James V., Jr.: The Yanomamo and the 1960s measles epidemic (letter). p1836 8 June 2001.
- Nelson, Craig E. See Guss, Kirsten A.
- Nelson, Doug. See Wei, Wenbo.
- Nemergut, Michael E.; Mizzen, Craig A.; Stukenberg, Todd; Allis, C. David; Macara, Ian G.: Chromatin docking and exchange activity enhancement of RCC1 by histones H2A and H2B. p1540 25 May 2001.
- Nenes, Athanasios. See Charlson, Robert J.
- Nesbø, Camilla L. See Andersson, Jan O.
- Nestler, Eric J.: Total recall—the memory of addiction (perspective). p2266 22 June 2001.
- NetWatch: Aeronautical geology. p19 6 April 2001. Animated science. p815 4 May 2001. Biophysics profs go online. p1615 1 June 2001. Birth of wireless. p1615 1 June 2001. Bridging the bandgap. p403 20 April 2001. Bug collection. p2403 29 June 2001. Cancer research at home. p175 13 April 2001. Caught up in anemones. p2223 22 June 2001. Chemical haiku. p1455 25 May 2001. Come dive with me. p1971 15 June 2001. Comic chemistry. p2223 22 June 2001. Communication net. p403 20 April 2001. Computer chip physics. p1803 8 June 2001. Corporate disclosure. p1455 25 May 2001. The dope on radiation risks. p1027 11 May 2001. Down a black hole. p2403 29 June 2001. Eclipse inside out. p1803 8 June 2001. An explosive experience. p175 13 April 2001. Eye on Earth. p2403 29 June 2001. Fingerprinting a killer. p1803 8 June 2001. Flash-card physics. p1027 11 May 2001. Foreigners invade U.S. waters. p1615 1 June 2001. Get your SNPset. p1267 18 May 2001. Greening the past. p607 27 April 2001. Guess who's coming to dinner. p175 13 April 2001. Hear the flash. p19 6 April 2001. Heavenly database unveiled. p1971 15 June 2001. Human evolution Online. p403 20 April 2001. It's a keeper. p175 13 April 2001. Latin America field guide. p815 4 May 2001. The lowdown on the Colorado Plateau. p1455 25 May 2001. Machine smarts. p2223 22 June 2001. Mad about molecules. p403 20 April 2001. Mining the *Plasmodium* genome. p19 6 April 2001. MIT to give away class materials. p175 13 April 2001. Modern biology's classics. p1455 25 May 2001. Mouse views. p403 20 April 2001. Omics, schmomics. p1615 1 June 2001. On beyond zillion. p815 4 May 2001. Orgo helper. p1027 11 May 2001. Origami math. p1267 18 May 2001. Paleoclimate central. p607 27 April 2001. Peering into the cell nucleus. p19 6 April 2001. Peroxisome primer. p815 4 May 2001. Phylogenetics crunch. p815 4 May 2001. Proteins galore. p2403 29 June 2001. Pumped up. p1971 15 June 2001. Reach out and touch. p1971 15 June 2001. Ready to rumble. p2223 22 June 2001. Run with the mammoths. p607 27 April 2001. The scoop on stats. p1971 15 June 2001. Sizing up genomes. p815 4 May 2001.
- Spelunking for climate clues. p607 27 April 2001. Star-crossed history. p1267 18 May 2001. Stuck on fibronectin. p1803 8 June 2001. Trilobite junction. p1803 8 June 2001. Webful of paleoclimate. p607 27 April 2001. What's eating you. p2403 29 June 2001. Whole brain catalog. p1267 18 May 2001. A xanadu for *Xenopus*. p1027 11 May 2001.
- Neumann, Gregory A. See Cheng, Andrew F.
- Newman, Dianne K.: How bacteria respire minerals (perspective). p1312 18 May 2001.
- Ngugi, E. N. See Jha, P.
- Nichol, Robert C. See Miller, Christopher J.
- Nicolson, Garth: Continuing research into Gulf War illness (letter). p853 4 May 2001.
- Niklas, Karl J.: Taxing debate for taxonomists (letter). p2249 22 June 2001.
- Ning, Zhou. See Zuwei, Xi.
- Noller, Harry F. See Yusupov, Marat M.
- Nonaka, Masami. See Xie, Shang-Ping.
- Normile, Dennis (news): Court backs lab's safety practices. p30 6 April 2001. Gene expression differs in human and chimp brains. p44 6 April 2001. Japan says cell lines weren't used at RIKEN. p1984 15 June 2001. Japan shakes the dust off treasure trove of specimens. p1477 25 May 2001. Reforms could threaten facility spending hike. p620 27 April 2001. Women academics propose steps to equity. p416 20 April 2001. See also Marshall, Eliot.
- _____ and Kondro, Wayne (news): Canada bids to host international reactor. p2240 22 June 2001.
- Notsu, K. See Hernández, P. A.
- Novak, R. E. See Mumma, M. J.
- Nowak, S. See Robert, A.
- Núñez-Regueiro, M. See Monteverde, M.
- Oberhauser, A. F. See Fernandez, J. M.
- Obermeyer, Carla Makhlof: review of *Female "Circumcision" in Africa*, edited by Bettina Shell-Duncan and Ylva Hernlund, and *The Female Circumcision Controversy*, by Ellen Gruenbaum. p1305 18 May 2001.
- O'Brien, Stephen J.; Eizirik, Eduardo; Murphy, William J.: On choosing mammalian genomes for sequencing (perspective). p2264 22 June 2001.
- Ochman, Howard and Moran, Nancy A.: Genes lost and genes found: evolution of bacterial pathogenesis and symbiosis. p1096 11 May 2001.
- O'Doherty, S. See Prinn, R. G.
- Oe, Tomoyuki. See Lee, Seon Hwa.
- Oefner, Peter. See Ke, Yuehai.
- Ogawa, Hiroshi; Amagai, Yukio; Koike, Isao; Kaiser, Karl; Benner, Ronald: Production of refractory dissolved organic matter by bacteria. p917 4 May 2001.
- Ogle, James M.; Brodersen, Ditlev E.; Clemons, William M., Jr.; Tarry, Michael J.; Carter, Andrew P.; Ramakrishnan, V.: Recognition of cognate transfer RNA by the 30S ribosomal subunit. p897 4 May 2001.
- O'Halloran, Thomas V. See Outten, Caryn E.
- Ohh, Michael. See Ivan, Mircea.
- Ohsawa, Yoshiyuki. See Kawane, Kohki.
- Okada, H. See Hernández, P. A.
- Okada, Haruo. See Iino, Masae.
- Okamura, Hitoshi. See Yagita, Kazuhiro.
- Okarma, Thomas B. See Harley, Calvin B.
- Oldham, Sean. See Clancy, David J.
- Oliet, Stéphane H. R.; Piet, Richard; Poulain, Dominique A.: Control of glutamate clearance and synaptic efficacy by glial coverage of neurons. p923 4 May 2001.
- Oliver, Dominik; He, David Z. Z.; Klöcker, Nikolaj; Ludwig, Jost; Schulte, Uwe; Waldegger, Siegfried; Ruppertsberg, J. P.; Dallos, Peter; Fakler, Bernd: Intracellular anions as the voltage sensor of prestin, the outer hair cell motor protein. p2340 22 June 2001.
- Oliver, W. F. See LaBella, V. P.
- Olley, Jon M. See Roberts, Richard G.
- Olsen, Kathie L. See Goldin, Daniel S.
- Olshansky, S. Jay; Carnes, Bruce A.; Désesquelles, Aline: Predicting human longevity (letter). p1654 1 June 2001.
- Olsnes, Sjur and Wesche, Jørgen: Fighting anthrax with a mutant toxin (perspective). p647 27 April 2001.
- O'Neil, Shawn P. See Amara, Rama Rao.
- O'Neill, Hugh: review of *Origin of the Earth and Moon*, by R. M. Canup and K. Righter, Eds. p2016 15 June 2001.
- Onoa, Bibiana. See Liphardt, Jan.
- Oppenheimer, B. R.; Hambly, N. C.; Digby, A. P.; Hodgkin, S. T.; Saumon, D.: Direct detection of galactic halo dark matter. p698 27 April 2001.
- Opuni, M. See Schwartländer, B.
- O'Riordan, Timothy. See Kates, Robert W.
- Osborn, T. J. See Jones, P. D.
- O'Shea, Patrick G. and Freund, Henry P.: Free-electron lasers: status and applications. p1853 8 June 2001.
- Ostrach, Louis H. See Goldin, Daniel S.
- Ostrom, N. E. See Lilburn, T. G.
- Otto, Sarah P. and Jarne, Philippe: Haploids—hapless or happening? (perspective). p2441 29 June 2001.
- Outten, Caryn E. and O'Halloran, Thomas V.: Femtomolar sensitivity of metalloregulatory proteins controlling zinc homeostasis. p2488 29 June 2001.
- Ouyang, Min; Huang, Jin-Lin; Cheung, Chin Li; Lieber, Charles M.: Energy gaps in "metallic" single-walled carbon nanotubes. p702 27 April 2001.
- Ouyang, Zhiyun. See Liu, Jianguo.
- Overbaugh, Julie and Bangham, Charles R. M.: Selection forces and constraints on retroviral sequence variation. p1106 11 May 2001.
- Owen, W. M., Jr. See Ververka, J.
- Ozawa, Seiji. See Iino, Masae.

P and Q

- Pääbo, Svante. See Poinar, Hendrik.
- Pabbaraju, K. See Kalir, S.
- Pacala, S. W.; Hurrst, G. C.; Baker, D.; Peylin, P.; Houghton, R. A.; Birdsey, R. A.; Heath, L.; Sundquist, E. T.; Stallard, R. F.; Ciais, P.; Moorcroft, P.; Caspersen, J. P.; Shevliakova, E.; Moore, B.; Kohlmaier, G.; Holland, E.; Gloor, M.; Harmon, M. E.; Fan, S.-M.; Sarmiento, J. L.; Goodale, C. L.; Schimel, D.; Field, C. B.: Consistent land- and atmosphere-based U.S. carbon sink estimates. p2316 22 June 2001.
- Pack, Michael. See Farber, Steven A.
- Pagani, Mark. See Zachos, James.
- Paggel, J. J. See Luh, D.-A.
- Pál, Csaba. See Szathmáry, Eörs.
- Pälike, Heiko. See Zachos, James C.
- Palme, H. See Greshake, A.
- Panoutsakopoulou, Vily. See Wei, Michael C.
- Pantaloni, Dominique; Le Clainche, Christophe; Carlier, Marie-France: Mechanism of actin-based motility. p1502 25 May 2001.
- Parrens, Erik and Juengst, Eric: Inadvertently crossing the germ line (editorial). p397 20 April 2001.
- Park, Hay-Oak. See Kang, Pil Jung.
- Parrish, D. D. See Ryerson, T. B.
- Partridge, Linda. See Clancy, David J.
- Pascual-Leone, Alvaro and Walsh, Vincent: Fast backprojections from the motion to the primary visual area necessary for visual awareness. p510 20 April 2001.
- Patel, Sanjay. See Srinivasarao, Mohan.
- Paterson, L.; MacDonald, M. P.; Arlt, J.; Sibbett, W.; Bryant, P. E.; Dholakia, K.: Controlled rotation of optically trapped microscopic particles.

- p912 4 May 2001.
- Paul, P. M.; Toma, E. S.; Breger, P.; Mullot, G.; Augé, F.; Balcou, Ph.; Muller, H. G.; Agostini, P.: Observation of a train of attosecond pulses from high harmonic generation. p1689 1 June 2001.
- Paulus, E.; Démonet, J.-F.; Fazio, F.; Cappa, S. F.; Cossu, G.; Frith, C. D.; Frith, U.: Defining dyslexia (letter). p1301 18 May 2001.
- Paulus, G. G. See Salières, P.
- Paydarfar, David and Schwartz, William J.: An algorithm for discovery (editorial). p13 6 April 2001. Directions to "eureka!" (letter). p2010 15 June 2001.
- Payne, Roger. See Gray, Patricia M.
- Peacock, Sharon J. See Day, Nicholas P. J.
- Peacock, W. James. See Adcock, Gregory J.
- Pegg, Mark A. See Chick, John H.
- Peltz, Gary. See Grupe, Andrew.
- Pemberton, J. M. See Coulson, T.
- Peña, José Luis and Konishi, Masakazu: Auditory spatial receptive fields created by multiplication. p249 13 April 2001.
- Peng, Changhui. See Fang, Jingyun.
- Pennicott, David R. See Cardinal, Rudolf N.
- Pennisi, Elizabeth (news): Bee dance reveals bee's-eye view. p1628 1 June 2001. Birds weigh risk before protecting their young. p414 20 April 2001. Director of Natural History Museum quits. p1817 8 June 2001. Elephant matriarchs tell friend from foe. p417 20 April 2001. New genomes shed light on complex cells. p1280 18 May 2001. NO helps make fireflies flash. p2413 29 June 2001. Plan to close zoo lab draws fire. p183 13 April 2001. The push to pit genomics against fungal pathogens. p2273 22 June 2001. Shake-up to proceed, but conservation center stays open. p1034 11 May 2001. Shale-eating microbes recycle global carbon. p1043 11 May 2001.
- Penttilä, Tarja-Leena. See Zhang, Di.
- Pérez, N. M. See Hernández, P. A.
- Perkins John P. See Gerbi, Susan A.
- Perrott, R. A. See Barker, P. A.
- Perry, Anthony C. F. See Wakayama, Teruhiko.
- Peterson, Bruce J.; Wollheim, Wilfred M.; Mulholland, Patrick J.; Webster, Jackson R.; Meyer, Judy L.; Tank, Jennifer L.; Martí, Eugènia; Bowden, William B.; Valett, H. Maurice; Hershey, Anne E.; McDowell, William H.; Dodds, Walter K.; Hamilton, Stephen K.; Gregory, Stanley; Morrall, Donna D.: Control of nitrogen export from watersheds by headwater streams. p86 6 April 2001.
- Peterson, C. See Veverka, J.
- Peterson, Jeremy. See Salzberg, Steven L.
- Petre, R. See Lisse, C. M.
- Petsch, S. T.; Eglinton, T. I.; Edwards, K. J.: ¹⁴C-dead living biomass: evidence for microbial assimilation of ancient organic carbon during shale weathering. p1127 11 May 2001.
- Peylin, P. See Pacala, S. W.
- Pfeffer, Suzanne R. See Carroll, Kate S.
- Pfeiffer, Thomas; Schuster, Stefan; Bonhoeffer, Sebastian: Cooperation and competition in the evolution of ATP-producing pathways. p504 20 April 2001.
- Phifer, Paul R. See Wolfenbarger, L. LaReesa. See also Wolfenbarger, L. LaReesa.
- Philips, Alan. See Srinivasarao, Mohan.
- Pickrell, John (news): Dammed if you do, damned if you don't? p2422 29 June 2001. Killer flu with a human-pig pedigree? p1041 11 May 2001. Science centers blossom, but how many will survive? p37 6 April 2001.
- Pierce, David W. See Barnett, Tim P.
- Piet, Richard. See Oliet, Stéphane H. R.
- Pietsch, O.; Kubetzka, A.; Bode, M.; Wiesendanger, R.: Observation of magnetic hysteresis at the nanometer scale by spin-polarized scanning tunneling spectroscopy. p2053 15 June 2001.
- Pimm, Stuart: review of *The Eternal Frontier*, by Tim Flannery. p1841 8 June 2001.
- Piperno, Dolores R.: On maize and the sunflower (perspective). p2260 22 June 2001.
- Pizzorusso, Tommaso. See Di Cristo, Graziella.
- Pletcher, Scott D. See Fabrizio, Paola.
- Plumley, F. Gerald. See Kolber, Zbigniew S.
- Plummer, F. A. See Jha, P.
- Pohl, Mary E. D. See Pope, Kevin O.
- Poinar, Hendrik; Kuch, Melanie; Pääbo, Svante: Molecular analyses of oral polio vaccine samples. p743 27 April 2001.
- Pokrovsky, Vladimir and Allakhverdov, Andrey (news): Russian turmoil rattles CERN. p2414 29 June 2001.
- Pokrovsky, Vladimir and Kokurina, Elena: New rules on foreign contacts resurrect cold war-era distrust. p1810 8 June 2001.
- Pollmann, Michael. See Kim, Minseok.
- Poole, Jason C. See Smith, Joshua B.
- Pope, Kevin O.; Pohl, Mary E. D.; Jones, John G.; Lentz, David L.; von Nagy, Christopher; Vega, Francisco J.; Quitmyer, Irvy R.: Origin and environmental setting of ancient agriculture in the lowlands of Mesoamerica. p1370 18 May 2001.
- Porter, L. See Prinn, R. G.
- Poulain, Dominique A. See Oliet, Stéphane H. R.
- Poupard, J. See Robert, A.
- Poussu, Anssi. See Zhu, Yunxiang.
- Pozza, Fabiola. See Fabrizio, Paola.
- Prasada Rao, J. V. R. See Jha, P.
- Preda, Daniel. See Farhi, Edward.
- Preuss, Daphne. See Mayfield, Jacob A.
- Price, D. W., Jr. See Donhauser, Z. J.
- Price, G. D. See Mao, H. K.
- Prideaux, Gavin J. See Roberts, Richard G.
- Pringle, Heather (news): The first urban center in the Americas. p621 27 April 2001.
- Prinn, R. G.; Huang, J.; Weiss, R. F.; Cunnold, D. M.; Fraser, P. J.; Simmonds, P. G.; McCulloch, A.; Harth, C.; Salameh, P.; O'Doherty, S.; Wang, R. H. J.; Porter, L.; Miller, B. R.: Evidence for substantial variations of atmospheric hydroxyl radicals in the past two decades. p1882 8 June 2001.
- Prives, Carol. See Gottifredi, Vanesa.
- Prockter, Louise. See Cheng, Andrew F. See also Veverka, J.
- Puertollano, Rosa; Aguilar, Rubén C.; Gorshkova, Inna; Crouch, Robert J.; Bonifacino, Juan S.: Sorting of mannose 6-phosphate receptors mediated by the GGAs. p1712 1 June 2001.
- Pugh, Christopher W. See Jaakkola, Panu.
- Purushothaman, S. See Stöhr, J.
- Pusey, P. N. See Gasser, U.
- Putignano, Elena. See Di Cristo, Graziella.
- Putnis, A. See Greshake, A.
- Pybus, Oliver G.; Charleston, Michael A.; Gupta, Sunetra; Rambaut, Andrew; Holmes, Edward C.; Harvey, Paul H.: The epidemic behavior of the hepatitis C virus. p2323 22 June 2001.
- Qazi, Sanjive. See Trimmer, Barry A.
- Qi, Chunjian. See Ke, Yuehai.
- Que, Lawrence, Jr., and Watanabe, Yoshihito: Oxygenase pathways: oxo, peroxo, and superoxo (perspective). p651 27 April 2001.
- Quémerais, Eric. See Mäkinen, J. Teemu T.
- Quitmyer, Irvy R. See Pope, Kevin O.

R

- Rabitz, Herschel. See Levis, Robert J.
- Ramakrishnan, V. See Ogle, James M.
- Raman, C. See Abo-Shaer, J. R.
- Rambaut, Andrew. See Cooper, Alan. See also Pybus, Oliver G.
- Ramphal, Patricia. See Rocanova, Louis.
- Randerath, Kurt: The growing family of NIH insti-

- tutes (letter). p1835 8 June 2001.
- Random Samples: Allergies bad? Have a worm. p47 6 April 2001. AMA CEO plays hardball. p2429 29 June 2001. Ancient stepping-stones to Australia. p47 6 April 2001. Astrologer's degree raises scientists' fears. p635 27 April 2001. Bright bulbs shine longer. p431 20 April 2001. The bulging pyramid. p47 6 April 2001. Caffeine link in Parkinson's bolstered. p1295 18 May 2001. Canadians exhorted to don thinking caps. p1999 15 June 2001. Conservation conundrum. p843 4 May 2001. Creating the schizophrenic pig. p2247 22 June 2001. Cyanide named as Kentucky foal killer. p1831 8 June 2001. Darwin's brush with racism. p1295 18 May 2001. Dissecting schizophrenia. p1831 8 June 2001. Dutch ecology under attack. p1055 11 May 2001. The face of autism. p843 4 May 2001. Fine feathers. p635 27 April 2001. From death strip to lifeline. p1055 11 May 2001. From dust to compost. p1999 15 June 2001. Gene king portrays his court. p1295 18 May 2001. The genetics of caste. p1643 1 June 2001. Global brain disorders. p1643 1 June 2001. Healthy life on the plains. p1831 8 June 2001. Japan, Waterman awards announced. p843 4 May 2001. Like mother, like son. p205 13 April 2001. Long-lived Oscars. p1483 25 May 2001. *BMJ* fumes over tobacco grant. p1055 11 May 2001. *Triceratops* is no slouch. p1483 25 May 2001. Measuring up. p1831 8 June 2001. Megabucks for Stanford. p1055 11 May 2001. New math. p1295 18 May 2001. No benefit from lowering lead. p1483 25 May 2001. Number fun with Ben. p843 4 May 2001. Peregrines ready for takeoff. p431 20 April 2001. Press 1 for parody. p205 13 April 2001. Probing the brains of ancient Japanese. p635 27 April 2001. Psychologists cry foul. p1643 1 June 2001. Psychology furor resolved. p1999 15 June 2001. Rough science takes off. p2247 22 June 2001. Senate gives nod to creationists. p2429 29 June 2001. Snapping Mars flashes. p2247 22 June 2001. Spying on whales in the deep. p1483 25 May 2001. Stellar climate plea. p205 13 April 2001. Tactile astronomy. p1999 15 June 2001. The T-shirt test tells. p431 20 April 2001. Tyler two. p635 27 April 2001. A very old tick. p205 13 April 2001. Viral link to schizophrenia? p431 20 April 2001. Walk before you talk. p2429 29 June 2001. Wheels of creativity. p205 13 April 2001.
- Ranish, Jeffrey A. See Ideker, Trey.
- Rappa, Philip, III. See Rocanova, Louis.
- Ratcliffe, Peter J. See Jaakkola, Panu.
- Rathgeber, Christopher. See Kolber, Zbigniew S.
- Ratto, Gian Michele. See Di Cristo, Graziella.
- Rauschecker, Josef P. See Tian, Biao.
- Ravin, Rea. See Lumelsky, Nadya.
- Rawlett, A. M. See Donhauser, Z. J.
- Read, Andrew F. and Taylor, Louise H.: The ecology of genetically diverse infections. p1099 11 May 2001.
- Reaser, Jamie K. See Waage, Jeffrey K.
- Reckhow, Kenneth H.: Water resources programs under the ax (letter). p2009 15 June 2001.
- Redinbo, Matthew R. See Watkins, Ryan E.
- Regan, K. A. See Monteverde, M.
- Reimer, Andreas. See Arp, Gernot.
- Reiner, Steven L. See Mullen, Alan C.
- Reitner, Joachim. See Arp, Gernot.
- Remskar, Maja; Mrzel, Ales; Skraba, Zora; Jesih, Adolf; Ceh, Miran; Demšar, Jure; Stadelmann, Pierre; Lévy, Francis; Mihailovic, Dragan: Self-assembly of subnanometer-diameter single-wall MoS₂ nanotubes. p479 20 April 2001.
- Reser, David. See Tian, Biao.
- Rettig, T. See Mumma, M. J.
- Reuter, D. C. See Mumma, M. J.
- Revenaugh, Justin S. See Zachos, James C.
- Revenge, Carmen. See Johnson, Nels.

Ribó, Josep M.; Crusats, Joaquim; Sagués, Francesc; Claret, Josep; Rubires, Raimon: Chiral sign induction by vortices during the formation of mesophases in stirred solutions. p2063 15 June 2001.

Rice, Judd C. See Nakayama, Jun-ichi.

Richards, David A. See Beck, J. Warren.

Richmond, G. L. See Scatena, L. F.

Richter, Burton: DOE's support of the Sloan digital sky survey (letter). p2432 29 June 2001.

Rind, David. See Lean, Judith.

Robbins, Trevor W. See Cardinal, Rudolf N.

Robert, A.; Sirjean, O.; Browaeys, A.; Poupard, J.; Nowak, S.; Boiron, D.; Westbrook, C. I.; Aspect, A.: A Bose-Einstein condensate of metastable atoms. p461 20 April 2001.

Roberts, Brian. See Wei, Wenbo.

Roberts, Leslie. See Ash, Caroline.

Roberts, Richard G.; Flannery, Timothy F.; Ayliffe, Linda K.; Yoshida, Hiroyuki; Olley, Jon M.; Prideaux, Gavin J.; Laslett, Geoff M.; Baynes, Alexander; Smith, M. A.; Jones, Rhys; Smith, Barton L.: New ages for the last Australian megafauna: continent-wide extinction about 46,000 years ago. p1888 8 June 2001.

Robinson, D. P.; Henry, C.; Das, S.; Woodhouse, J. H.: Simultaneous rupture along two conjugate planes of the Wharton Basin earthquake. p1145 11 May 2001.

Robinson, Harriet L. See Amara, Rama Rao.

Robinson, Mark. See Cheng, Andrew F. See also Veverka, J.

Robinson, Michael H.: review of *A Different Nature*, by David Hancocks. p1304 18 May 2001.

Rocanova, Louis; Ramphal, Patricia; Rappa, Philip, III: Mutation in embryonic stem cells (letter). p438 20 April 2001.

Rodriguez, Ivan. See Wakayama, Teruhiko.

Roeder, Robert G. See Zhang, Di.

Rogado, N. See Monteverde, M.

Rogers, Paul G.: Proposed research budget a starting point (letter). p437 20 April 2001.

Romero, L. Michael. See Wikelski, Martin.

Ronen, M. See Kalir, S.

Ross, Andrea J. See Wei, Michael C.

Rotermund, Harm Hinrich. See Kim, Minseok.

Roth, Kevin A. See Wei, Michael C.

Roy, Kaustuv. See Hellberg, Michael E.

Royal Flemish Academy of Belgium for Sciences and the Arts. See Australian Academy of Sciences.

Royal Irish Academy. See Australian Academy of Sciences.

Royal Society of Canada. See Australian Academy of Sciences.

Royal Society (UK). See Australian Academy of Sciences.

Royal Swedish Academy of Sciences. See Australian Academy of Sciences.

Royer, Dana L.; Wing, Scott L.; Beerling, David J.; Jolley, David W.; Koch, Paul L.; Hickey, Leo J.; Berner, Robert A.: Paleobotanical evidence for near present-day levels of atmospheric CO₂ during part of the tertiary. p2310 22 June 2001.

Rozov, Andrei. See Mack, Volker.

Rubires, Raimon. See Ribó, Josep M.

Ruiz-Jarabo, Carmen M. See Baranowski, Eric.

Rupp, Fabio. See Khan, Adil A.

Ruppersberg, J. P. See Oliver, Dominik.

Russell, James B. and Rychlik, Jennifer L.: Factors that alter rumen microbial ecology. p1119 11 May 2001.

Russo, N. Dello. See Mumma, M. J.

Russo, Richard. See Huang, Michael H.

Rychlik, Jennifer L. See Russell, James B.

Ryerson, T. B.; Trainer, M.; Holloway, J. S.; Parrish, D. D.; Huey, L. G.; Sueper, D. T.; Frost, G. J.; Donnelly, S. G.; Schaufli, S.; Atlas, E. L.; Kuster, W. C.; Goldan, P. D.; Hübler, G.;

Meagher, J. F.; Fehsenfeld, F. C.: Observations of ozone formation in power plant plumes and implications for ozone control strategies. p719 27 April 2001.

S

Sabroux, Jean-Christophe. See Halbwachs, Michel.

Sagués, Francesc. See Ribó, Josep M.

Saido, Takaomi C. See Iwata, Nobuhisa.

Saifullah, M. S. M. See Schlittler, R. R.

Saito, Izumu. See Iino, Masae.

Sajaev, V. See Milton, S. V.

Sakmann, Bert. See Mack, Volker.

Salameh, P. See Prinn, R. G.

Salamo, G. J. See LaBella, V. P.

Salazar, J. M. See Hernández, P. A.

Salic, Adrian. See Ivan, Mircea.

Salières, P.; Carré, B.; Le Déroff, L.; Grasbon, F.; Paulus, G. G.; Walther, H.; Kopold, R.; Becker, W.; Milošević, D. B.; Sanpera, A.; Lewenstein, M.: Feynman's path-integral approach for intense-laser-atom interactions. p902 4 May 2001.

Salzberg, Steven L.; White, Owen; Peterson, Jeremy; Eisen, Jonathan A.: Microbial genes in the human genome: lateral transfer or gene loss? p1903 8 June 2001.

Samant, M. G. See Stöhr, J.

Samarth, N. See Gupta, J. A.

Sampat, Roopal M. See Bence, Neil F.

Sandalow, David B. and Bowles, Ian A.: Fundamentals of treaty-making on climate change (policy forum). p1839 8 June 2001.

Sanpera, A. See Salières, P.

Sanson, Anthony. See Kang, Pil Jung.

Santagata, Sandro; Boggon, Titus J.; Baird, Cheryl L.; Gomez, Carlos A.; Zhao, Jin; Shan, Wei Song; Myszka, David G.; Shapiro, Lawrence: G-protein signaling through tubby proteins. p2041 15 June 2001.

Sarmiento, J. L. See Pacala, S. W.

Sato, M. See Hernández, P. A.

Sato, Shinichi. See Yamada, Katsuya.

Sato, Tetsuya. See Hiraoka, Kenzo.

Saumont, D. See Oppenheimer, B. R.

Sawatari, Atomu. See Yabuta, N. Harumi.

Sayiale, Soila. See McComb, Karen.

Scalzo, Anthony A. See Brown, Michael G.

Scatena, L. F.; Brown, M. G.; Richmond, G. L.: Water at hydrophobic surfaces: weak hydrogen bonding and strong orientation effects. p908 4 May 2001.

Schaal, Barbara. See Varmus, Harold.

Schauffler, S. See Ryerson, T. B.

Schellhuber, Hans Joachim. See Kates, Robert W.

Schilling, Govert (news): Cluster watchers view a hot, violent birth. p2230 22 June 2001. Comet's course hints at mystery planet. p33 6 April 2001. Deep-space 'filament' shows cosmic fabric. p1629 1 June 2001. Quasars or blazars? It's all in the angle. p1985 15 June 2001.

Schimel, D. See Pacala, S. W.

Schimmel, Paul. See Döring, Volker.

Schindler, David. See Tilman, David.

Schleicher, David G. See Farnham, Tony L.

Schlesinger, William H. See Tilman, David.

Schleyer, Paul von Ragué. See Wang, Zhi-Xiang.

Schlittler, R. R.; Seo, J. W.; Gimzewski, J. K.; Durkan, C.; Saifullah, M. S. M.; Welland, M. E.: Single crystals of single-walled carbon nanotubes formed by self-assembly. p1136 11 May 2001.

Schmid-Hempel, Paul. See Moret, Yannick.

Schnur, Reiner. See Barnett, Tim P.

Schoeller, Wolfgang W. See Solé, Stéphane.

Schofield, Andrew. See Gasser, U.

Schofield, Christopher J. See Jaakkola, Panu.

Schön, Jan Hendrik; Kloc, Christian; Hwang, Harold Y.; Batlogg, Bertram: Josephson junctions

with tunable weak links. p252 13 April 2001.

Schrader, William P.: A metaphor for the map (letter). p856 4 May 2001.

Schroeder, Julian I. See Lacombe, Benoit.

Schulte, Uwe. See Oliver, Dominik.

Schultz, Konrad. See Kamermans, Maarten.

Schultz, Peter G. See Wang, Lei.

Schultz, S. See Shelby, R. A.

Schuster, Stefan. See Pfeiffer, Thomas.

Schwartländer, B.; Stover, J.; Walker, N.; Bollinger, L.; Gutierrez, J. P.; McGreevey, W.; Opuni, M.; Forsythe, S.; Kumaranayake, L.; Watts, C.; Bertozzi, S.: Resource needs for HIV/AIDS. p2434 29 June 2001.

Schwartz, William J. See Paydarfar, David. See also Paydarfar, David.

Schwechheimer, Claus; Serino, Giovanna; Callis, Judy; Crosby, William L.; Lyapina, Svetlana; Deshaies, Raymond J.; Gray, William M.; Estelle, Mark; Deng, Xing-Wang: Interactions of the COP9 signalosome with the E3 ubiquitin ligase SCF^{TIR1} in mediating auxin response. p1379 18 May 2001.

Schwoerer-Böhning, M. See Mao, H. K.

ScienceScope: Accounting problem. p1277 18 May 2001. ALMA matters. p185 13 April 2001. Appealing case. p619 27 April 2001. Arsenic punt. p617 27 April 2001. At sea, at risk. p617 27 April 2001. Banking on chemicals. p2229 22 June 2001. Begging for bioinformatics. p1813 8 June 2001. Big gift. p1039 11 May 2001. Channeling science. p2411 29 June 2001. Chattering class. p29 6 April 2001. Chimp reprieve. p827 4 May 2001. Clinical elite. p1981 15 June 2001. Cracking the code. p1983 15 June 2001. Cuts coming? p1815 8 June 2001. Debate not depleted. p1465 25 May 2001. Depressing difference. p185 13 April 2001. Dioxin dilemma. p413 20 April 2001. Endangered abalone. p1625 1 June 2001. Environmental reparations. p2411 29 June 2001. Euro advice. p1981 15 June 2001. Fast track. p617 27 April 2001. Fined example. p619 27 April 2001. Fishing for change. p187 13 April 2001. German reforms advance. p1815 8 June 2001. Germany's space future. p1467 25 May 2001. Get-out-of-jail-free card. p413 20 April 2001. GMOs Thai-ed up. p187 13 April 2001. Go slow. p1277 18 May 2001. Going to sea. p2231 22 June 2001. Grafting. p1981 15 June 2001. Grounded. p1037 11 May 2001. How big? p415 20 April 2001. IT anyone? p413 20 April 2001. Italian living. p619 27 April 2001. Life sentence. p415 20 April 2001. Life-and-death decisions. p827 4 May 2001. Measuring up. p1279 18 May 2001. Mega-ecosurvey. p1813 8 June 2001. Megamerger advances. p1037 11 May 2001. More is better. p825 4 May 2001. New face. p1039 11 May 2001. On the Dole. p1039 11 May 2001. Partnership perils. p1983 15 June 2001. Quake-proof. p1279 18 May 2001. Reducing the mortgage. p1467 25 May 2001. ReFlux. p1817 8 June 2001. Resigned. p825 4 May 2001. R.I.P. p1813 8 June 2001. Seeing stars. p27 6 April 2001. Stem cell review set. p27 6 April 2001. Stretching out. p1817 8 June 2001. Swiss stem cells frozen. p2231 22 June 2001. Synchro wars. p2413 29 June 2001. Thinking again. p1037 11 May 2001. Together again. p29 6 April 2001. Universities fall in line. p2229 22 June 2001. War of words. p1465 25 May 2001. Warning shot. p2413 29 June 2001. Whose genome next? p1625 1 June 2001.

Scott, Eugenie C.: review of *Icons of Evolution*, by Jonathan Wells. p2257 22 June 2001.

Seeburg, Peter H. See Mack, Volker.

Segev, Nava: A TIP about Rabs (perspective). p1313 18 May 2001.

Seielstad, Mark. See Ke, Yuehai.

Seife, Charles (news): Big bang's new rival debuts

- with a splash. p189 13 April 2001. Echoes of the big bang put theories in tune. p823 4 May 2001. Galaxy mappers detect wiggly cosmic order. p188 13 April 2001. Loopy electron model solves ion mystery. p823 4 May 2001. Math trick may cause tension headache. p2230 22 June 2001. Microscale weirdness expands its turf. p1471 25 May 2001. Peering backward to the cosmos's fiery birth. p2236 22 June 2001. Polymorphous particles solve solar mystery. p2227 22 June 2001. Radical gravity theory hits large-scale snag. p1629 1 June 2001. 'Tired-light' hypothesis gets re-tired. p2414 29 June 2001. Trapping neutrinos with moon dust. p1051 11 May 2001.
- Seinfeld, John H. See Charlson, Robert J.
- Seino, Susumu. See Yamada, Katsuya.
- Sekanina, Z. See Weaver, H. A.
- Sellman, Bret R.; Mourez, Michael; Collier, R. John: Dominant-negative mutants of a toxin subunit: an approach to therapy of anthrax. p695 27 April 2001.
- Seo, J. W. See Schlittler, R. R.
- Serino, Giovanna. See Lyapina, Svetlana. See also Schwechheimer, Claus.
- Service, Robert F. (news): Arson strikes research labs and tree farm in Pacific Northwest. p1622 1 June 2001. Lighting the way to a quantum computer. p2412 29 June 2001. Liquid crystal displays rub out the rub. p825 4 May 2001. Nanotube 'peapods' show electrifying promise. p45 6 April 2001. Robots enter the race to analyze proteins. p187 13 April 2001. Roche dealt a setback on European Taq patent. p1815 8 June 2001. Strobe light breaks the attosecond barrier. p1627 1 June 2001.
- Shackleton, Nicholas J. See Zachos, James C.
- Shan, Wei Song. See Santagata, Sandro.
- Shapiro, Lawrence. See Santagata, Sandro.
- Shaw, Ruth G. See Davis, Margaret B.
- Shay, Jerry W. See Baur, Joseph A.
- Shelby, R. A.; Smith, D. R.; Schultz, S.: Experimental verification of a negative index of refraction. p77 6 April 2001.
- Shen, G. See Mao, H. K.
- Sheng, Ping. See Tang, Z. K.
- Shepherd, D. S.; Claussen, M. J.; Kurtz, S. E.: Evidence for a solar system-size accretion disk around the massive protostar G192.16-3.82. p1513 25 May 2001.
- Shevchenko, Andrej. See Lyapina, Svetlana.
- Shevchenko, Anna. See Lyapina, Svetlana.
- Shevliakova, E. See Pacala, S. W.
- Shih, C. See Zaslavskaja, L. A.
- Shimizu, Tetsuo. See Yamada, Katsuya.
- Shimoike, Y. See Hernández, P. A.
- Shirovani, Keiro. See Iwata, Nobuhisa.
- Shriver, Mark. See Ke, Yuehai.
- Shtrikman, Hadas. See Ilani, S.
- Shu, J. See Mao, H. K.
- Shulman, Gerald I. See Cho, Han.
- Shumeiko, Vitaly S. See Wendin, Göran.
- Sibbett, W. See Paterson, L.
- Sigurdsson, Haraldur: review of *No Apparent Danger*, by Victoria Bruce, and *Surviving Galeras*, by Stanley Williams and Fen Montaigne. p643 27 April 2001.
- Silveira, José Paulo: Development of the Brazilian Amazon (letter). p1651 1 June 2001.
- Silverman, Bernard W. See Beck, J. Warren.
- Simberloff, Daniel. See Tilman, David.
- Simmonds, P. G. See Prinn, R. G.
- Simon, Iris. See Carroll, Kate S.
- Simpson, Julie H. See Kramer, Sunita G.
- Sincell, Mark (news): Blips show black hole's whirl. p1049 11 May 2001. Critics of 'halo matter' outrace the presses. p18 27 April 2001. Dust disks and black holes swell the cosmic census. p2426 29 June 2001. Farthest supernova yet bolsters dark energy. p27 6 April 2001. Infrared gleam stamps brown dwarfs as stars. p1984 15 June 2001. The most powerful action flick ever. p1631 1 June 2001. Texas medical center staggered by deadly tropical storm. p2226 22 June 2001.
- Singer, S. Fred: Global warming: an insignificant trend? (letter). p1063 11 May 2001.
- Sirjean, O. See Robert, A.
- Sjoerdsma, Trijntje. See Kamermans, Maarten.
- Skinner, J. L. See Ediger, M. D.
- Skraba, Zora. See Remskar, Maja.
- Slavkin, Harold. See Goldhaber, Paul.
- Sloan, Lisa. See Zachos, James.
- Smart, Peter L. See Beck, J. Warren.
- Smil, Vaclav: review of *Late Victorian Holocausts*, by Mike Davis. p644 27 April 2001.
- Smith, Barton L. See Roberts, Richard G.
- Smith, D. R. See Shelby, R. A.
- Smith, David E. See Cheng, Andrew F.
- Smith, Gideon P.; Wiens, Douglas A.; Fischer, Karen M.; Dorman, Leroy M.; Webb, Spahr C.; Hildebrand, John A.: A complex pattern of mantle flow in the Lau backarc. p713 27 April 2001.
- Smith, Hamish R. C. See Brown, Michael G.
- Smith, James M. See Amara, Rama Rao.
- Smith, Jennifer R. See Smith, Joshua B.
- Smith, Jesse and Uppenbrink, Julia: Earth's variable climatic past. p657 27 April 2001.
- Smith, John Maynard. See Day, Nicholas P. J.
- Smith, Joshua B.; Lamanna, Matthew C.; Lacovara, Kenneth J.; Dodson, Peter; Smith, Jennifer R.; Poole, Jason C.; Giegengack, Robert; Attia, Yousry: A giant sauropod dinosaur from an Upper Cretaceous mangrove deposit in Egypt. p1704 1 June 2001.
- Smith, M. A. See Roberts, Richard G.
- Smith, Steven B. See Liphardt, Jan.
- Snell, Howard L. See Wikelski, Martin.
- Snyder, Clifford S.: Hypoxia, fertilizer, and the Gulf of Mexico (letter). p1485 25 May 2001.
- Solé, Stéphane; Gornitzka, Heinz; Schoeller, Wolfgang W.; Bourissou, Didier; Bertrand, Guy: (Amino)(Aryl)Carbenes: stable singlet carbenes featuring a spectator substituent. p1901 8 June 2001.
- Soliday, R. See Milton, S. V.
- Solis, Ruth Shady; Haas, Jonathan; Creamer, Winifred: Dating Caral, a preceramic site in the Supe Valley on the central coast of Peru. p723 27 April 2001.
- Solomon, Sorin. See Goldenberg, Jacob.
- Solon, Kurt. See Wei, Wenbo.
- Soloski, Mark J. See Khan, Adil A.
- Somerville, Chris and Briscoe, John: Genetic engineering and water (editorial). p2217 22 June 2001.
- Song, Xiufeng. See Ke, Yuehai.
- Sonier, J. E.; Brewer, J. H.; Kiefl, R. F.; Miller, R. I.; Morris, G. D.; Stronach, C. E.; Gardner, J. S.; Dunsiger, S. R.; Bonn, D. A.; Hardy, W. N.; Liang, R.; Heffner, R. H.: Anomalous weak magnetism in superconducting $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$. p1692 1 June 2001.
- Sousa, Kyle. See Brown, Christine E.
- Southward, C. See Kalir, S.
- Spalding, Edgar P. See Lacombe, Benoit.
- Spector, Jordan A. See Vorel, Stanislav R.
- Speidell, J. L. See Stöhr, J.
- Spencer, N. D. See Heuberger, M.
- Spratt, Brian G. See Day, Nicholas P. J.
- Sprengel, Rolf. See Mack, Volker.
- Srinivasarao, Mohan; Collings, David; Philips, Alan; Patel, Sanjay: Three-dimensionally ordered array of air bubbles in a polymer film. p79 6 April 2001.
- Stadelmann, Pierre. See Remskar, Maja.
- Stahl, Eli A. See Bergelson, Joy.
- Stallard, R. F. See Pacala, S. W.
- Stapleton, J. J. See Donhauser, Z. J.
- Staprans, Silvija I. See Amara, Rama Rao.
- Staskawicz, Brian J.; Mudgett, Mary Beth; Dangel, Jeffrey L.; Galan, Jorge E.: Common and contrasting themes of plant and animal diseases. p2285 22 June 2001.
- States, David J.: Describing the release of sequence data (letter). p1066 11 May 2001.
- Steghaus-Kovac, Sabine (news): DFG gives embryo research a boost. p1037 11 May 2001.
- Stephanopoulos, Gregory and Kelleher, Joanne: How to make a superior cell (perspective). p2024 15 June 2001.
- Stapp, Herbert. See Koenig, Frank.
- Sternberg, Esther M.: review of *Memento*, directed by Christopher Nolan. p1661 1 June 2001.
- Steven, A. C. See Conway, J. F.
- Stiles, P. L. See Nauta, K.
- Stocker, Hugo. See Clancy, David J.
- Stöhr, J.; Samant, M. G.; Lüning, J.; Callegari, A. C.; Chaudhari, P.; Doyle, J. P.; Lacey, J. A.; Lien, S. A.; Purushothaman, S.; Speidell, J. L.: Liquid crystal alignment on carbonaceous surfaces with orientational order. p2299 22 June 2001.
- Stöhr, Gerhard: Arsenic levels can be "standard" or "safe" (letter). p1299 18 May 2001.
- Stokstad, Erik (news): Early tyrannosaur was small but well armed. p1278 18 May 2001. Myriad ways to reconstruct past climate. p658 27 April 2001. New dig at old trove yields giant sauropod. p1623 1 June 2001. USGS braces for severe budget cuts. p1040 11 May 2001.
- Stone, Laurie R. See Brown, Michael G.
- Stone, Richard (news): Centers of excellence get big U.S. boost. p1280 18 May 2001. Dealing with a slumbering hulk. p422 20 April 2001. Genetic studies of wildlife in the hot zone reach different conclusions. p421 20 April 2001. Living in the shadow of Chernobyl. p420 20 April 2001. Nuclear trafficking: 'a real and dangerous threat'. p1632 1 June 2001. Ordeals of a dissenter. p424 20 April 2001. Physicist-president battles ethnic wars and illiteracy. p836 4 May 2001. Rewards of a volunteer. p425 20 April 2001. (letter): Health consequences of the Chernobyl accident. p2010 15 June 2001.
- Stover, J. See Schwartländer, B.
- Strahl, Brian D. See Nakayama, Jun-ichi.
- Strauss, Evelyn (news): Growing old together. p41 6 April 2001.
- Street-Perrott, F. A. See Barker, P. A.
- Stringer, Chris. See Cooper, Alan.
- Stronach, C. E. See Sonier, J. E.
- Struck, Douglas K. See Bernhardt, Thomas G.
- Struzhkin, V. V. See Mao, H. K.
- Studer, Lorenz. See Wakayama, Teruhiko.
- Stukenberg, Todd. See Nemergut, Michael E.
- Sturhahn, W. See Mao, H. K.
- Su, Bing. See Ke, Yuehai.
- Sudo, Makoto. See Iino, Masae.
- Sueper, D. T. See Ryerson, T. B.
- Sugarman, Jeremy. See Al-Khatib, Sana M.
- Sugathapala, C. Lakmal. See Cardinal, Rudolf N.
- Sun, Ai-Lin. See Luo, Zhe-Xi.
- Sundquist, E. T. See Pacala, S. W.
- Suresh, S.: Graded materials for resistance to contact deformation and damage. p2447 29 June 2001.
- Surette, M. G. See Kalir, S.
- Surrey, Thomas; Nédélec, François; Leibler, Stanislas; Karsenti, Eric: Physical properties determining self-organization of motors and microtubules. p1167 11 May 2001.
- Sussman, Michael R. See Ullah, Hemayet.
- Svedin, Uno. See Kates, Robert W.
- Swackhamer, Deborah. See Tilman, David.
- Swain, D. L. See Barker, P. A.
- Szakonyi, Gerda; Guthridge, Joel M.; Li, Dawei; Young, Kendra; Holers, V. Michael; Chen,

Xiaojiang S.: Structure of complement receptor 2 in complex with its C3d ligand. p1725 1 June 2001.

Szathmáry, Eörs; Jordán, Ferenc; Pál, Csaba: Can genes explain biological complexity? (perspective). p1315 18 May 2001.

T, U, and V

Tabar, Viviane. See Wakayama, Teruhiko.

Tabira, Takeshi: Clioquinol's return: cautions from Japan (letter). p2251 22 June 2001.

Takahashi, Michiko. See Blackmer, Trillium.

Takaki, Yoshie. See Iwata, Nobuhisa.

Takayama, Toshikazu. See Hiraoka, Kenzo.

Takayasu, Yukihiko. See Iino, Masae.

Takeda, Junji. See Kawane, Kohki.

Takenawa, Tadaomi. See Fukami, Kiyoko.

Tamanini, Filippo. See Yagita, Kazuhiro.

Tan, Handong. See Wei, Wenbo.

Tan, Song. See Brown, Christine E.

Tang, Z. K.; Zhang, Lingyun; Wang, N.; Zhang, X. X.; Wen, G. H.; Li, G. D.; Wang, J. N.; Chan, C. T.; Sheng, Ping: Superconductivity in 4 angstrom single-walled carbon nanotubes. p2462 29 June 2001.

Tangle, Laura (news): High CO₂ levels may give fast-growing trees an edge. p36 6 April 2001.

Tank, Jennifer L. See Peterson, Bruce J.

Tarry, Michael J. See Ogle, James M.

Tatar, M.; Kopelman, A.; Epstein, D.; Tu, M.-P.; Yin, C.-M.; Garofalo, R. S.: A mutant *Drosophila* insulin receptor homolog that extends life-span and impairs neuroendocrine function. p107 6 April 2001.

Tauer, Carol. See Lanza, Robert P.

Taylor, Louise H. See Read, Andrew F. See also Woolhouse, Mark E. J.

Teasley, Stephanie and Wolinsky, Steven: Scientific collaborations at a distance. p2254 22 June 2001.

Teichmann, Martin. See Zhang, Di.

Telford, R. J. See Barker, P. A.

Tester, Mark. See Lacombe, Benoit.

Thacker, Paul (news): A new wind sweeps the plains. p2427 29 June 2001.

Thatcher, Wayne: Silent slip on the Cascadia subduction interface (perspective). p1495 25 May 2001.

Thibado, P. M. See LaBella, V. P.

Thomas, Ellen. See Zachos, James.

Thomas, P. C. See Veverka, J.

Thomas, Peter. See Cheng, Andrew F.

Thompson, Craig B. See Wei, Michael C.

Thompson, Russell B.; Ginzburg, Valery V.; Matsen, Mark W.; Balazs, Anna C.: Predicting the mesophases of copolymer-nanoparticle composites. p2469 29 June 2001.

Thorne, Alan. See Adcock, Gregory J.

Thornton, Janet M.: From genome to function (Tech.Sight). p2095 15 June 2001.

Thorsson, Vestein. See Ideker, Trey.

Thorvaldsen, Joanne L. See Cho, Han.

Throop, Henry B.; Bally, John; Esposito, Larry W.; McCaughrean, Mark J.: Evidence for dust grain growth in young circumstellar disks. p1686 1 June 2001.

Tian, Biao; Reser, David; Durham, Amy; Kustov, Alexander; Rauschecker, Josef P.: Functional specialization in rhesus monkey auditory cortex. p290 13 April 2001.

Tian, Dacheng. See Bergelson, Joy.

Tian, Ya-Min. See Jaakkola, Panu.

Tieman, B. J. See Milton, S. V.

Tilman, David; Fargione, Joseph; Wolff, Brian; D'Antonio, Carla; Dobson, Andrew; Howarth, Robert; Schindler, David; Schlesinger, William H.; Simberloff, Daniel; Swackhamer, Deborah:

Forecasting agriculturally driven global environmental change. p281 13 April 2001.

Tinoco, Ignacio, Jr. See Liphardt, Jan.

Tipper, H. W. See Ward, P. D.

Titus, Richard G. See Cunningham, Mark L.

Toader, Ovidiu and John, Sajeev: Proposed square spiral microfabrication architecture for large three-dimensional photonic band gap crystals. p1133 11 May 2001.

Tokura, Y. See Chuang, Y.-D.

Tolbert, Margaret A. and Toon, Owen B.: Solving the PSC mystery (perspective). p61 6 April 2001.

Toma, E. S. See Paul, P. M.

Toon, Owen B. See Tolbert, Margaret A.

Tooze, Sharon A.: GGAs tie up the loose ends (perspective). p1663 1 June 2001.

Toth, I. See Weaver, H. A.

Touloukhonov, Innokenti; Artsimovitch, Irina; Landick, Robert: Allosteric control of RNA polymerase by a site that contacts nascent RNA hairpins. p730 27 April 2001.

Tour, J. M. See Donhauser, Z. J.

Tozzi, G. P. See Weaver, H. A.

Trainer, M. See Ryerson, T. B.

Trakhtenberg, E. M. See Milton, S. V.

Tramo, Mark J. See Gray, Patricia M.

Trautmann, Alain and Vivier, Eric: Agrin—a bridge between the nervous and immune systems (perspective). p1667 1 June 2001.

Travish, G. See Milton, S. V.

Trimmer, Barry A.; Aprille, June R.; Dudzinski, David M.; Lagace, Christopher J.; Lewis, Sara M.; Michel, Thomas; Qazi, Sanjive; Zayas, Ricardo M.: Nitric oxide and the control of firefly flashing. p2486 29 June 2001.

Tsai, Li-Huei. See Gupta, Amitabh.

Tsubuki, Satoshi. See Iwata, Nobuhisa.

Tsuge, Tomohiko. See Lyapina, Svetlana.

Tsuzuki, Keisuke. See Iino, Masae.

Tu, M.-P. See Tatar, M.

Tucker, Robert D. See Kusky, Timothy M.

Turano, Frank J. See Lacombe, Benoit.

Turco, Salvatore J. See Cunningham, Mark L.

Turkish Academy of Sciences. See Australian Academy of Sciences.

Turner, Simon; Evans, Peter; Hawkesworth, Chris: Ultrafast source-to-surface movement of melt at island arcs from ²²⁶Ra-²³⁰Th systematics. p1363 18 May 2001.

Uchiyama, Yasuo. See Kawane, Kohki.

Ullah, Hemayet. See Wang, Xi-Qing.

———; Chen, Jin-Gui; Young, Jeff C.; Im, Kyung-Hoan; Sussman, Michael R.; Jones, Alan M.: Modulation of cell proliferation by heterotrimeric G protein in *Arabidopsis*. p2066 15 June 2001.

Underhill, Peter. See Ke, Yuehai.

Unrau, Peter J. See Johnston, Wendy K.

Unsworth, Martyn. See Wei, Wenbo.

Uppenbrink, Julia: review of *Antarctic Symphony*, by Peter Maxwell Davies. p2017 15 June 2001. review of *Oxygen*, by Carl Djerassi and Roald Hoffmann. p1843 8 June 2001. See also Smith, Jesse.

Usuka, Jonathan. See Grupe, Andrew.

Valet, H. Maurice. See Peterson, Bruce J.

Valiando, Jennifer. See Ivan, Mircea.

van der Horst, Gijbertus T. J. See Yagita, Kazuhiro.

van Duinen, Reinder J.: A better future for European science? (editorial). p809 4 May 2001.

Vance, Vicki and Vaucheret, Hervé: RNA silencing in plants—defense and counterdefense. p2277 22 June 2001.

Vanden Bout, David A. See Deschenes, Laura A.

Vandormael-Pournin, Sandrine. See Lecuit, Marc.

VanDover, Cindy L. See Kolber, Zbigniew S.

Varmus, Harold: The growing family of NIH institutes (letter). p1836 8 June 2001.

——— and Schaal, Barbara: Forum for agricultural biotechnology debates (letter). p2252 22 June

2001.

Vasserman, I. B. See Milton, S. V.

Vaucheret, Hervé. See Vance, Vicki.

Vega, Francisco J. See Pope, Kevin O.

Velasco, Ivan. See Lumelsky, Nadya.

Venkatesan, A. See LaBella, V. P.

Vetriani, Costantino. See Kolber, Zbigniew S.

Veverka, J.; Thomas, P. C.; Robinson, M.; Murchie, S.; Chapman, C.; Bell, M.; Harch, A.; Merline, W. J.; Bell, J. F., III; Bussey, B.; Carcich, B.; Cheng, A.; Clark, B.; Domingue, D.; Dunham, D.; Farquhar, R.; Gaffey, M. J.; Hawkins, E.; Izenberg, N.; Joseph, J.; Kirk, R.; Li, H.; Lucey, P.; Malin, M.; McFadden, L.; Miller, J. K.; Owen, W. M., Jr.; Peterson, C.; Prockter, L.; Warren, J.; Wellnitz, D.; Williams, B. G.; Yeomans, D. K.: Imaging of small-scale features of 433 Eros from NEAR: evidence for a complex regolith. p484 20 April 2001.

Veverka, Joseph. See Cheng, Andrew F.

Vilá, Carles; Ellegren, Hans; Götherström, Anders; Leonard, Jennifer A.; Wayne, Robert K.: Tales from the DNA of domestic horses (letter). p218 13 April 2001.

Villarino, Alejandro V. See Mullen, Alan C.

Villinger, Francois. See Amara, Rama Rao.

Vinokurov, N. A. See Milton, S. V.

Virgili, G. See Hernández, P. A.

Vivier, Eric. See Trautmann, Alain.

Vjecsner, Paul: Searching for the heart of human nature (letter). p52 6 April 2001.

Vocadlo, L. See Mao, H. K.

Vogel, Gretchen (news): Bush grapples with stem cells, cloning. p2409 29 June 2001. Can adult stem cells suffice? p1820 8 June 2001. Charles River Labs to care for NIH chimps. p1279 18 May 2001. Cloning bills proliferate in U.S. Congress. p1037 11 May 2001. Court asked to declare NIH guidelines legal. p1463 25 May 2001. Dollars and cents vs. the AIDS epidemic. p2420 29 June 2001. An embryonic alternative. p1822 8 June 2001. The hottest stem cells are also the toughest. p429 20 April 2001. Human cloning plans spark talk of U.S. ban. p31 6 April 2001. NIH pulls plug on ethics review. p415 20 April 2001. Stem cells are coaxed to produce insulin. p615 27 April 2001. See also Koening, Robert.

Vogels, J. M. See Abo-Shaer, J. R.

von Grebmer, Klaus. See Gregory, Peter.

von Kriegsheim, Alexander. See Jaakkola, Panu.

von Nagy, Christopher. See Pope, Kevin O.

von Oertzen, Alexander. See Kim, Minseok.

Vorel, Stanislav R.; Liu, Xinhé; Hayes, Robert J.; Spector, Jordan A.; Gardner, Eliot L.: Relapse to cocaine-seeking after hippocampal theta burst stimulation. p1175 11 May 2001.

Voss, David (news): Music industry strikes sour note for academics. p826 4 May 2001. Switch-hitter materials tantalize theorists. p1987 15 June 2001. review of *The Once and Future Web*, by Jerry James, and *The Once and Future Web*, by Michael Sappol and Hunter Crowther-Heyck, curators. p2438 29 June 2001.

W, X, Y, and Z

Waage, Jeffrey K. and Reaser, Jamie K.: A global strategy to defeat invasive species (letter). p1486 25 May 2001.

Wagner, Daniel S. See Farber, Steven A.

Wakayama, Teruhiko; Tabar, Viviane; Rodriguez, Ivan; Perry, Anthony C. F.; Studer, Lorenz; Mombaerts, Peter: Differentiation of embryonic stem cell lines generated from adult somatic cells by nuclear transfer. p740 27 April 2001.

Waldegger, Siegfried. See Oliver, Dominik.

Walfish, Daniel (news): National count reveals major societal changes. p1823 8 June 2001.

- Walker, N. See Schwartländer, B.
- Wallace, Douglas. See Ke, Yuehai.
- Walsh, Vincent. See Pascual-Leone, Alvaro.
- Walther, H. See Salières, P.
- Wang, Hsien-yu. See Liu, Tong.
- Wang, Ing-Nang. See Bernhardt, Thomas G.
- Wang, J. N. See Tang, Z. K.
- Wang, Julian. See Levitus, Sydney.
- Wang, Kelin. See Dragert, Herb.
- Wang, Lei; Brock, Ansgar; Herberich, Brad; Schultz, Peter G.: Expanding the genetic code of *Escherichia coli*. p498 20 April 2001.
- Wang, Lin-wang. See Hu, Jiangtao.
- Wang, N. See Tang, Z. K.
- Wang, R. H. J. See Prinn, R. G.
- Wang, X. J. See Milton, S. V.
- Wang, Xi-Qing; Ullah, Hemayet; Jones, Alan M.; Assmann, Sarah M.: G protein regulation of ion channels and abscisic acid signaling in *Arabidopsis* guard cells. p2070 15 June 2001.
- Wang, Zhi-Xiang and Schleyer, Paul von Ragué: Construction principles of "hyparenes": families of molecules with planar pentacoordinate carbons. p2465 29 June 2001.
- Ward, P. D.; Haggart, J. W.; Carter, E. S.; Wilbur, D.; Tipper, H. W.; Evans, T.: Sudden productivity collapse associated with the Triassic-Jurassic boundary mass extinction. p1148 11 May 2001.
- Warren, J. See Veverka, J.
- Watanabe, Kenji. See Koizumi, Satoshi.
- Watanabe, Yoshihito. See Que, Lawrence, Jr.
- Watkins, Ryan E.; Wisely, G. Bruce; Moore, Linda B.; Collins, Jon L.; Lambert, Millard H.; Williams, Shawn P.; Willson, Timothy M.; Kliewer, Steven A.; Redinbo, Matthew R.: The human nuclear xenobiotic receptor PXR: structural determinants of directed promiscuity. p2329 22 June 2001.
- Watson, Andrew (news): Rubbery liquid crystal gives lasers a stretch. p1468 25 May 2001. Starcluster census shows surprises. p1283 18 May 2001. U.K. agency spawns private high-tech behemoth. p2239 22 June 2001.
- Watts, C. See Schwartländer, B.
- Wayne, Robert K. See Vilá, Carles.
- Weaver, H. A. See Bockelée-Morvan, Dominique. See also Lisse, C. M.
- _____; Sekanina, Z.; Toth, I.; Delahodde, C. E.; Hainaut, O. R.; Lamy, P. L.; Bauer, J. M.; A'Hearn, M. F.; Arpigny, C.; Combi, M. R.; Davies, J. K.; Feldman, P. D.; Festou, M. C.; Hook, R.; Jorda, L.; Keesey, M. S. W.; Lisse, C. M.; Marsden, B. G.; Meech, K. J.; Tozzi, G. P.; West, R.: HST and VLT investigations of the fragments of comet C/1999 S4 (LINEAR). p1329 18 May 2001.
- Webb, Spahr C. See Smith, Gideon P.
- Weber, Eicke. See Huang, Michael H.
- Webster, Jackson R. See Peterson, Bruce J.
- Weeks, Andrew R.; Marec, Frantisek; Breeuwer, Johannes A. J.: A mite species that consists entirely of haploid females. p2479 29 June 2001.
- Weeks, Eric R. See Gasser, U.
- Wei, Michael C.; Zong, Wei-Xing; Cheng, Emily H.-Y.; Lindsten, Tullia; Panoutsakopoulou, Vily; Ross, Andrea J.; Roth, Kevin A.; MacGregor, Grant R.; Thompson, Craig B.; Korsmeyer, Stanley J.: Proapoptotic BAX and BAK: a requisite gateway to mitochondrial dysfunction and death. p727 27 April 2001.
- Wei, Ning. See Lyapina, Svetlana.
- Wei, Wenbo; Unsworth, Martyn; Jones, Alan; Booker, John; Tan, Handong; Nelson, Doug; Chen, Leshou; Li, Shenghui; Solon, Kurt; Bedrosian, Paul; Jin, Sheng; Deng, Ming; Ledo, Juanjo; Kay, David; Roberts, Brian: Detection of widespread fluids in the Tibetan crust by magnetotelluric studies. p716 27 April 2001.
- Weiler, Reto. See Kamermans, Maarten.
- Weiss, P. S. See Donhauser, Z. J.
- Weiss, R. F. See Prinn, R. G.
- Weiss, Robin A.: review of *Shots in the Dark*, by Jon Cohen. p862 4 May 2001.
- Weiss, Shimon. See Kelley, Anne Myers.
- Weissman, Irving L. and Baltimore, David: Disappearing stem cells, disappearing science (editorial). p601 27 April 2001.
- Weitz, D. A. See Gasser, U.
- Welland, M. E. See Schlittler, R. R.
- Wellnitz, D. See Veverka, J.
- Wells, R. Spencer. See Ke, Yuehai.
- Wen, G. H. See Tang, Z. K.
- Wendin, Göran and Shumeiko, Vitaly S.: Toward tunable superconducting electronics (perspective). p231 13 April 2001.
- Wentrup, Curt: Fleeting molecules extend their stay (perspective). p1846 8 June 2001.
- Wesche, Jørgen. See Olsnes, Sjur.
- West, Michael D. See Lanza, Robert P.
- West, R. See Weaver, H. A.
- Westbrook, C. I. See Robert, A.
- Weston, Claire R. and Davis, Roger J.: Signaling specificity—a complex affair (perspective). p2439 29 June 2001.
- White, Owen. See Salzberg, Steven L.
- Wiemerslage, G. See Milton, S. V.
- Wiens, Douglas A. See Smith, Gideon P.
- Wiesendanger, R. See Pietzsch, O.
- Wikelski, Martin; Romero, L. Michael; Snell, Howard L.: Marine iguanas oiled in the Galápagos (letter). p437 20 April 2001.
- Wikoff, W. R. See Conway, J. F.
- Wilbur, D. See Ward, P. D.
- Willbond, B. See Jha, P.
- Willerslev, Eske. See Cooper, Alan.
- Williams, B. G. See Veverka, J.
- Williams, Dillwyn: Health consequences of the Chernobyl accident (letter). p2010 15 June 2001.
- Williams, Shawn P. See Watkins, Ryan E.
- Wills, Beverley J. See Ma, Feng.
- Willson, Timothy M. See Watkins, Ryan E.
- Wilson, Michael I. See Jaakkola, Panu.
- Wiltshire, M. C. K.: Bending light the wrong way (perspective). p60 6 April 2001.
- Wilund, Kenneth. See Garcia, Christine Kim.
- Wing, Scott L. See Royer, Dana L.
- Winstanley, Derek: Hypoxia, fertilizer, and the Gulf of Mexico (letter). p1486 25 May 2001.
- Wisely, G. Bruce. See Watkins, Ryan E.
- Wofsy, Steven C.: Where has all the carbon gone? (perspective). p2261 22 June 2001.
- Wolf, Dieter A. See Lyapina, Svetlana.
- Wolfenbarger, L. LaReesa and Phifer, Paul R. (letters): GM crops and patterns of pesticide use. p637 27 April 2001. Risk assessment data for GM crops. p638 27 April 2001.
- Wolff, Brian. See Tilman, David.
- Wolinsky, Steven. See Teasley, Stephanie.
- Wolk, S. J. See Lisse, C. M.
- Wollheim, Wilfred M. See Peterson, Bruce J.
- Womack, Maria. See Bockelée-Morvan, Dominique.
- Woodhouse, J. H. See Robinson, D. P.
- Woodney, Laura M. See Farnham, Tony L.
- Woolhouse, Mark E. J.; Taylor, Louise H.; Haydon, Daniel T.: Population biology of multihost pathogens. p1109 11 May 2001.
- Workman, Jerry L. See Brown, Christine E.
- Wortmann, G. See Mao, H. K.
- Wray, Gregory A.: review of *From DNA to Diversity*, by Sean B. Carroll, Jennifer K. Grenier, and Scott D. Weatherbee, and *Genomic Regulatory Systems*, by Eric H. Davidson. p2256 22 June 2001.
- Wright, Woodring E. See Baur, Joseph A.
- Wu, Leonard and Hickson, Ian D.: DNA ends RecQ-uire attention (perspective). p229 13 April 2001.
- Wu, Yiying. See Huang, Michael H.
- Wyatt, Linda S. See Amara, Rama Rao.
- Wyss, André: Digging up fresh clues about the origin of mammals (perspective). p1496 25 May 2001.
- Xiao, Chunjie. See Ke, Yuehai.
- Xie, Shang-Ping; Liu, W. Timothy; Liu, Qinyu; Nonaka, Masami: Far-reaching effects of the Hawaiian Islands on the Pacific Ocean-atmosphere system. p2057 15 June 2001.
- Xiong, Yue. See Zhang, Yanping.
- Xu, J. See Mao, H. K.
- Xu, Li-H. See Mumma, M. J.
- Xu, Taiyi. See Hoerling, Martin P.
- Xu, Yan. See Amara, Rama Rao.
- Yabuta, N. Harumi; Sawatari, Atomu; Callaway, Edward M.: Two functional channels from primary visual cortex to dorsal visual cortical areas. p297 13 April 2001.
- Yacoby, A. See Ilani, S.
- Yagita, Kazuhiro; Tamanini, Filippo; van der Horst, Gijsbertus T. J.; Okamura, Hitoshi: Molecular mechanisms of the biological clock in cultured fibroblasts. p278 13 April 2001.
- Yam, Lung S. See Khan, Adil A.
- Yamada, Katsuya; Ji, Juan Juan; Yuan, Hongjie; Miki, Takashi; Sato, Shinichi; Horimoto, Naoki; Shimizu, Tetsuo; Seino, Susumu; Inagaki, Nobuya: Protective role of ATP-sensitive potassium channels in hypoxia-induced generalized seizure. p1543 25 May 2001.
- Yan, Haoquan. See Huang, Michael H.
- Yang, B. X. See Milton, S. V.
- Yang, Haifeng. See Ivan, Mircea.
- Yang, Jian. See Liu, Jianguo.
- Yang, Peidong. See Huang, Michael H.
- Yang, Soo Y. See Mullen, Alan C.
- Yang, Weidong. See Hu, Jiangtao.
- Yao, Tso-Pang. See Mullen, Alan C.
- Yeomans, D. K. See Veverka, J.
- Yin, C.-M. See Tatar, M.
- Yoccoz, Nigel G. See Gaillard, Jean-Michel.
- Yokoyama, Wayne M. See Brown, Michael G.
- Yoshida, Hiroyuki. See Roberts, Richard G.
- Yoshida, Nobuaki. See Fukami, Kiyoko.
- Young, Jeff C. See Ullah, Hemayet.
- Young, Kendra. See Szakonyi, Gerda.
- Young, Ryland. See Bernhardt, Thomas G.
- Yu, Sun. See Zuwei, Xi.
- Yuan, Hongjie. See Yamada, Katsuya.
- Yusupov, Marat M.; Yusupova, Gulnara Zh.; Baucum, Albion; Lieberman, Kate; Earnest, Thomas N.; Cate, J. H. D.; Noller, Harry F.: Crystal structure of the ribosome at 5.5 Å resolution. p883 4 May 2001.
- Yusupova, Gulnara Zh. See Yusupov, Marat M.
- Zäch, M. See Heuberger, M.
- Zachos, James C.; Shackleton, Nicholas J.; Revelnaugh, Justin S.; Pälike, Heiko; Flower, Benjamin P.: Climate response to orbital forcing across the Oligocene-Miocene boundary. p274 13 April 2001.
- Zachos, James; Pagani, Mark; Sloan, Lisa; Thomas, Ellen; Billups, Katharina: Trends, rhythms, and aberrations in global climate 65 Ma to present. p686 27 April 2001.
- Zaslavskaja, L. A.; Lippmeier, J. C.; Shih, C.; Ehrhardt, D.; Grossman, A. R.; Apt, K. E.: Trophic conversion of an obligate photoautotrophic organism through metabolic engineering. p2073 15 June 2001.
- Zayas, Ricardo M. See Trimmer, Barry A.
- Zhang, Di; Penttilä, Tarja-Leena; Morris, Patricia L.; Teichmann, Martin; Roeder, Robert G.: Spermiogenesis deficiency in mice lacking the *Trf2* gene. p1153 11 May 2001.
- Zhang, Hemin. See Liu, Jianguo.
- Zhang, Lingyun. See Tang, Z. K.

Zhang, X. X. See Tang, Z. K.
Zhang, Yanping and Xiong, Yue: A p53 amino-terminal nuclear export signal inhibited by DNA damage-induced phosphorylation. p1910 8 June 2001.
Zhao, Jin. See Santagata, Sandro.
Zhao, Shuqing. See Fang, Jingyun.
Zhou, Chunshui. See Lyapina, Svetlana.
Zhu, Dingliang. See Ke, Yuehai.
Zhu, Hao and Bunn, H. Franklin: How do cells sense oxygen? (perspective). p449 20 April 2001.
Zhu, Yunxiang; Doray, Balraj; Poussu, Anssi; Lehto, Veli-Pekka; Kornfeld, Stuart: Binding of GGA2 to the lysosomal enzyme sorting motif of the mannose 6-phosphate receptor. p1716 1 June 2001.
Zilberman, Daniel. See Lindroth, Anders M.
Zimmer, Carl (news): Can genes solve the syphilis mystery? p1091 11 May 2001. Genetic trees reveal disease origins. p1090 11 May 2001. *Wolbachia*: a tale of sex and survival. p1093 11 May 2001.
Zoller, P. See Duan, L.-M.
Zong, Wei-Xing. See Wei, Michael C.
Zou, Ying. See Baur, Joseph A.
Zuber, Maria T. See Cheng, Andrew F.
Zuliani, Giovanni. See Garcia, Christine Kim.
Zuwei, Xi; Ning, Zhou; Yu, Sun; Kunlan, Li: Reaction-controlled phase-transfer catalysis for propylene epoxidation to propylene oxide. p1139 11 May 2001.