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- Cohen, Paul; Miyazaki, Makoto; Succi, Nicholas D.; Hagge-Greenberg, Aaron; Liedtke, Wolfgang; Soukas, Alexander A.; Sharma, Ratnendra; Hudgins, Lisa C.; Ntambi, James M.; Friedman, Jeffrey M.: Role for stearyl-CoA desaturase-1 in leptin-mediated weight loss. p240 12 July 2002.
- Coleman, Annette W.: Microbial eukaryote species (letter). p337 19 July 2002.
- Colgrove, James. See Bayer, Ronald.
- Colin, Reginald. See Bernath, Peter F.
- Colomer, Dolors. See Esteller, Manel.
- Colot, Vincent. See Gendrel, Anne-Valérie.
- Colville, Jonathan F. See Picker, Mike D.
- Condit, Richard. See Chave, Jérôme.
- Cone, Roger D. See Heisler, Lora K.
- Conover, David O. and Munch, Stephan B.: Sustaining fisheries yields over evolutionary time scales. p94 5 July 2002.
- Coolen, Lique M. See Truitt, William A.
- Coomber, Brenda. See Kerbel, Robert S.
- Coombs, Carmen. See Yu, Seong-Woon.
- Cooper, Michael K. See Berman, David M.
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- Cord, Branden J. See Ricaurte, George A.
- Costantino, R. F. See King, Aaron A.
- Costanza, Robert. See Balmford, Andrew.
- Couso, J. P. See Galindo, M. I.
- Couzin, Jennifer (news): Active poliovirus baked from scratch. p174 12 July 2002. A call for restraint on biological data. p749 2 Aug 2002. In yeast, prions' killer image doesn't apply. p758 2 Aug 2002. IOM panel weighs in on diet and health. p1788 13 Sep 2002. NSF's ark draws alligators, algae, and wasps. p1638 6 Sep 2002. Select T cells, given space, shrink tumors. p1973 20 Sep 2002. Unconventional detective bears down on a killer. p1264 23 Aug 2002. ——— and Bagla, Pallava Report urges leeway for developing world. p1791 13 Sep 2002.
- Cowley, Michael A. See Heisler, Lora K.
- Cox, Barbara. See Howlett, Niall G.
- Cox, Christopher M. and Chao, Benjamin F.: Detection of a large-scale mass redistribution in the terrestrial system since 1998. p831 2 Aug 2002.
- Cox, Shae-Lee. See Snow, Melanie.
- Craig, Ian W. See Caspi, Avshalom.
- Crawford, J. Douglas: Everything old is new again? (letter). p335 19 July 2002.
- Croxall, J. P.; Trathan, P. N.; Murphy, E. J.: Environmental change and Antarctic seabird populations. p1510 30 Aug 2002.
- Cui, Jiankun. See Gu, Zezong.
- Cummins, Phil R. See Park, Jin-Oh.
- Cushing, J. M. See King, Aaron A.
- Cyster, Jason G. See Lu, Theresa T.
- Czeisler, Charles A. See Wright, Kenneth P., Jr.
- Czisy, Anne. See Ahlert, Joachim.
- Daborn, P. J.; Yen, J. L.; Bogwitz, M. R.; Le Goff, G.; Feil, E.; Jeffers, S.; Tjiet, N.; Perry, T.; Heckel, D.; Batterham, P.; Feyereisen, R.; Wilson, T. G.; French-Constant, R. H.: A single P450 allele associated with insecticide resistance in *Drosophila*. p2253 27 Sep 2002.
- Dade, W. Brian. See Hartshorn, Karen.
- Danchin, Etienne. See Doligez, Blandine.
- D'Andrea, Alan D. See Howlett, Niall G.
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- Davis, Ronald W. See Arbeitman, Michelle N.
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- de Groot, Philip G. See Huizinga, Eric G.
- de Heer, Walt A. See Baughman, Ray H.

- de Leon, Marcia Ponce. See Vekua, Abesalom.
- De Maeyer, Edward: Mistaken identity (letter). p1476 30 Aug 2002.
- Dean, Caroline. See Levy, Yaron Y.
- Defetos, Leonard: Many courts still *Frye* scientific evidence (letter). p1275 23 Aug 2002.
- Degiron, A. See Lezec, H. J.
- Dehaene, Stanislas: Single-neuron arithmetic (perspective). p1652 6 Sep 2002.
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- Deines, Peter. See Shirey, Steven B.
- Deisenhofer, Johann. See Hunt, John F.
- Della, Marina. See Weller, Geoffrey R.
- Delmotte, Marc. See Morgan, Vin.
- Denholm, I.; Devine, G. J.; Williamson, M. S.: Insecticide resistance on the move (perspective). p2222 27 Sep 2002.
- Dennis, B. S. See Blumberg, G.
- Dennis, Brian. See King, Aaron A.
- DePinho, Ronald A. See Maser, Richard S.
- Desharnais, Robert A. See King, Aaron A.
- DeSimone, Joseph M.: Practical approaches to green solvents. p799 2 Aug 2002.
- Detter, Chris. See Aparicio, Samuel.
- Dettin, Luis. See Feng, Li-Xin.
- Devaux, E. See Lezec, H. J.
- Devine, G. J. See Denholm, I.
- Devine, Kevin M. See Weller, Geoffrey R.
- Devine, Susanne Krogh. See Weller, Geoffrey R.
- Dewey, William. See Jain, Meenakshi.
- Dhillon, Harveen. See Bachman, Eric S.
- Di Croce, Luciano and Pelicci, Pier Giuseppe: Cancer epigenetics and methylation (letter). p1807 13 Sep 2002.
- di Fagagna, Fabrizio d'Adda. See Weller, Geoffrey R.
- Di Salle, Francesco. See Seifritz, Erich.
- Dietrich, C. See Boyen, H.-G.
- Dietrich, Jens. See Kühlbrandt, Werner.
- Dietz, Hans Henrik. See Jensen, Trine.
- Diller, Rolf. See Herbst, Johannes.
- Ding, Jie. See Lu, Wen.
- Ding, Yimin and Lei, Xiong (news): China issues rules on fossil excavation. p1981 20 Sep 2002.
- Discher, Dennis E. and Eisenberg, Adi: Polymer vesicles. p967 9 Aug 2002.
- Djerassi, Carl: Political, not scientific, birth control solutions (letter). p1120 16 Aug 2002.
- Dobberstein, Bernhard. See Pool, Martin R.
- Doggett, Norman. See Aparicio, Samuel.
- Doherty, Aidan J. See Weller, Geoffrey R.
- Doligez, Blandine; Danchin, Etienne; Clobert, Jean: Public information and breeding habitat selection in a wild bird population. p1168 16 Aug 2002.
- Dominé, Florent and Shepson, Paul B.: Air-snow interactions and atmospheric chemistry. p1506 30 Aug 2002.
- Domokos, Gábor and Scheuring, István: Random perturbations and lattice effects in chaotic population dynamics (technical comment). p2163 27 Sep 2002. www.sciencemag.org/cgi/content/full/297/5590/2163a.
- Donnelly, John J.; Barnett, Susan W.; Dorenbaum, Alejandro; Stamatos, Leonidas: Envelope-based HIV vaccines (letter). p1277 23 Aug 2002.
- Doray, Balraj; Ghosh, Pradipta; Griffith, Janice; Geuze, Hans J.; Kornfeld, Stuart: Cooperation of GGAs and AP-1 in packaging MPRs at the trans-Golgi network. p1700 6 Sep 2002.
- Dorenbaum, Alejandro. See Donnelly, John J.
- Dorritie, Daniel: Consequences of Siberian traps volcanism (letter). p1808 13 Sep 2002.
- Downie, Jocelyn. See Baird, Patricia.
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- Droubay, T. See Chambers, S. A.
- Du, Fangyong. See Kwon, Yong Tae.
- Dubois, Andre. See Mahdavi, Jafar.
- Duivenvoorden, J. F.; Svenning, J.-C.; Wright, S. J.: Beta-diversity in tropical forests (technical comment). p1439 30 Aug 2002. www.sciencemag.org/cgi/content/full/297/5586/1439a.
- Dullo, Abdul G.: A sympathetic defense against obesity (perspective). p780 2 Aug 2002.
- Dunlap, Jay C. See Froehlich, Allan C.
- Dunlap, Thomas R.: review of *Down to Earth*, by Ted Steinberg. p1480 30 Aug 2002.
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- Ebright, Yon W. See Benoff, Brian.
- Echelmeier, Keith A. See Arendt, Anthony A.
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- Egelstaff, P. A. See Tulk, C. A.
- Eichler, Evan E. See Bailey, Jeffrey A.
- Einsle, Oliver; Tezcan, F. Akif; Andrade, Susana L. A.; Schmid, Benedikt; Yoshida, Mika; Howard, James B.; Rees, Douglas C.: Nitrogenase MoFe-protein at 1.16 Å resolution: a central ligand in the FeMo-cofactor. p1696 6 Sep 2002.
- Eisaki, H. See Blumberg, G. See also Hoffman, J. E.
- Eisenberg, Adi. See Discher, Dennis E.
- Ekers, R. D. See Merritt, David.
- Elahi, Dariush. See Roth, George S.
- Elderfield, Henry. See Barker, Stephen.
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- Elliott, Douglas W. See Kim, Kee-Chan.
- Ellis, Nathan A. See Gruber, Stephen B.
- Elmquist, Joel K. See Heisler, Lora K.
- Elowitz, Michael B.; Levine, Arnold J.; Siggia, Eric D.; Swain, Peter S.: Stochastic gene expression in a single cell. p1183 16 Aug 2002.
- Elphic, R. C. See Feldman, W. C.
- Emerson, Fred E. See Kim, Dennis H.
- England, Gavin. See Kirk, Jason.
- Englert, P. A. J. See Boynton, W. V.
- Enquist, Johan. See Whistler, Jennifer L.
- Enserink, Martin (news): Despite safety concerns, U.K. hormone study to proceed. p492 26 July 2002. Ecologists see flaws in transgenic mosquito. p30 5 July 2002. One year after: hunt for NIH funds fosters collaboration. p1630 6 Sep 2002. U.K. hormone trial to pause for review. p755 2 Aug 2002. The vanishing promises of hormone replacement. p325 19 July 2002. West Nile's surprisingly swift continental sweep. p1988 20 Sep 2002.
- Esposito, Fabrizio. See Seifritz, Erich.
- Estelle, Mark. See Hellmann, Hanjo.
- Esteller, Manel; Fraga, Mario F.; Paz, Maria F.; Campo, Elias; Colomer, Dolores; Novo, Francisco J.; Calasanz, Maria J.; Galm, Oliver; Guo, Mingzhou; Benitez, Javier; Herman, James G.: Cancer epigenetics and methylation (letter). p1807 13 Sep 2002.
- Euler, Chad. See William, Jacqueline.
- Eva, Hugh D. See Achard, Frédéric.
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- Evans, Cheryl. See Aparicio, Samuel.
- Evans, L. G. See Boynton, W. V.
- Fabian, A. C. and Miller, J. M.: Black holes reveal their innermost secrets (perspective). p947 9 Aug 2002.
- Fadeev, Andrei G. See Lu, Wen.
- Fahrenkamp-Uppenbrink, Julia: Chemistry goes green. p798 2 Aug 2002.
- Fahrenkamp-Uppenbrink, Julia. See Smith, Jesse.
- Faigman, David L.: Is science different for lawyers? p339 19 July 2002.
- Faigman, David L.: Many courts still *Frye* scientific evidence (letter). p1275 23 Aug 2002.
- Fairbrother, William G.; Yeh, Ru-Fang; Sharp, Phillip A.; Burge, Christopher B.: Predictive identification of exonic splicing enhancers in human genes. p1007 9 Aug 2002.
- Fak, John J. See Hunt, John F.
- Falkow, Stanley. See Rappuoli, Rino.
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- Farber, Stephen. See Balmford, Andrew.
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- Farsad, Khashayar. See Lee, Eunhyung.
- Federoff, Howard J. See Yu, Seong-Woon.
- Fedoroff, Nina and Fontana, Walter: Small numbers of big molecules (perspective). p1129 16 Aug 2002.
- Feil, E. See Daborn, P. J.
- Feinbaum, Rhonda. See Kim, Dennis H.
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- _____; Boynton, W. V.; Tokar, R. L.; Prettyman, T. H.; Gasnault, O.; Squyres, S. W.; Elphic, R. C.; Lawrence, D. J.; Lawson, S. L.; Maurice, S.; McKinney, G. W.; Moore, K. R.; Reedy, R. C.: Global distribution of neutrons from Mars: results from Mars odyssey. p75 5 July 2002.
- Felsher, Dean W. See Jain, Meenakshi.
- Fenchel, Tom. See Finlay, Bland J.
- Fender, Rob. See Migliari, Simone.
- Feng, Li-Xin; Chen, Yali; Dettin, Luis; Pera, Renee A. Reijo; Herr, John C.; Goldberg, Erwin; Dym, Martin: Generation and in vitro differentiation of a spermatogonial cell line. p392 19 July 2002.
- Fera, Francesco. See Hariri, Ahmad R.
- Ferber, Dan (news): Critics see a tilt in a CDC science panel. p1456 30 Aug 2002. NIEHS toxicologist receives a 'gag order'. p915 9 Aug 2002.
- Ferlaino, Francesca. See Modugno, Giovanni.
- Ferring, Reid. See Vekua, Abesalom.
- Feyereisen, R. See Daborn, P. J.
- ffrench-Constant, R. H. See Daborn, P. J.
- Fialko, Yuri; Sandwell, David; Agnew, Duncan; Simons, Mark; Shearer, Peter; Minster, Bernard: Deformation on nearby faults induced by the 1999 Hector Mine earthquake. p1858 13 Sep 2002.
- Filee, Jonathan. See Myllykallio, Hannu.
- Filiz, Ferda. See Shan, Lu.
- Fillmore, Parley D. See Ma, Runlin Z.
- Find, Søren. See Matthiessen, Christian Wichmann.
- Finlay, Bland J. and Fenchel, Tom: Microbial eukaryote species (letter). p337 19 July 2002.
- Fischer, Tobias P.; Hilton, David R.; Zimmer, Mindy M.; Shaw, Alison M.; Sharp, Zachary D.; Walker, James A.: Subduction and recycling of nitrogen along the Central American margin. p1154 16 Aug 2002.
- Fitzpatrick, J. Michael. See Poliakov, Martyn.
- Flannery, Tim: review of *Mammoths, Sabertooths, and Hominids*, by Jordi Agustí and Mauricio Antón. p57 5 July 2002.
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- Fogassi, Leonardo. See Kohler, Evelyne.
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- Fomin, E. See Mitsui, T.
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- Fontana, Walter. See Fedoroff, Nina.
- Forsberg, Lina. See Mahdavi, Jafar.
- Forsyth, Maria. See Lu, Wen.
- Forsyth, Stewart A. See Lu, Wen.

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 ———: review of *The New Science of Networks*, by Albert-László Barabási. p1124 16 Aug 2002.
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 Frimmel, Hartwig E.: Genesis of the world's largest gold deposits (perspective). p1815 13 Sep 2002.
 Froehlich, Allan C.; Liu, Yi; Loros, Jennifer J.; Dunlap, Jay C.: White collar-1, a circadian blue light photoreceptor, binding to the *frequency* promoter. p815 2 Aug 2002.
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 Furrer, Gerhard; Phillips, Brian L.; Ulrich, Kai-Uwe; Pédhig, Rosemarie; Casey, William H.: The origin of aluminum flocs in polluted streams. p2245 27 Sep 2002.
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 Gao, Guangxia; Guo, Xuemin; Goff, Stephen P.: Inhibition of retroviral RNA production by ZAP, a CCCH-type zinc finger protein. p1703 6 Sep 2002.
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 García-Castro, Martín I.; Marcelle, Christophe; Bronner-Fraser, Marianne: Ectodermal Wnt function as a neural crest inducer. p848 2 Aug 2002.
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 Gaspar, Peter P.: R_3Si^+ —free at last (perspective). p785 2 Aug 2002.
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 Geffney, Shana; Brodie, Edmund D., Jr.; Ruben, Peter C.; Brodie, Edmund D., III: Mechanisms of adaptation in a predator-prey arms race: TTX-resistant sodium channels. p1336 23 Aug 2002.
 Gelb, Michael H. and Hol, Wim G. J.: Drugs to combat tropical protozoan parasites (perspective). p343 19 July 2002.

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 Gendrel, Anne-Valérie; Lippman, Zachary; Yordan, Cristy; Colot, Vincent; Martienssen, Robert A.: Dependence of heterochromatic histone H3 methylation patterns on the *Arabidopsis* gene *DDM1*. p1871 13 Sep 2002.
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 Goldman, Erica (news): Even in the high Arctic, nothing is permanent. p1493 30 Aug 2002.
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 Grady, Monica: review of *Meteorites*, by Alex Bevan and John de Laeter. p1282 23 Aug 2002. Review of *The Cambridge Encyclopedia of Meteorites*, by O. Richard Norton. p1282 23 Aug 2002.
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 Gross, Richard A. and Kalra, Bhanu: Biodegradable

polymers for the environment. p803 2 Aug 2002.
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 Gruber, Stephen B.; Ellis, Nathan A.; Rennert, Gad; Offit, Kenneth; Scott, Karen K.; Almog, Ronit; Kolachana, Prema; Bonner, Joseph D.; Kirchhoff, Tomas; Tomsho, Lynn P.; Nafa, Kheoudja; Pierce, Heather; Low, Marcelo; Satagopan, Jaya; Rennert, Hedy; Huang, Helen; Greenson, Joel K.; Groden, Joanna; Rapaport, Beth; Shia, Jinru; Johnson, Stephen; Gregersen, Peter K.; Harris, Curtis C.; Boyd, Jeff: *BLM* heterozygosity and the risk of colorectal cancer. p2013 20 Sep 2002.
 Gruner, Sol M.: Caught in the act (perspective). p1817 13 Sep 2002.
 Gu, Zelong; Kaul, Marcus; Yan, Boxu; Kridel, Steven J.; Cui, Jiankun; Strongin, Alex; Smith, Jeffrey W.; Liddington, Robert C.; Lipton, Stuart A.: S-Nitrosylation of matrix metalloproteinases: signaling pathway to neuronal cell death. p1186 16 Aug 2002.
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 Gui, D.; Runfola, M.; Rossi, S.; Panunzi, S.; De Gaetano, A.: Academic recruitment in Spain and Italy (letter). p770 2 Aug 2002.
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 Gura, Trisha (news): After the gold rush: gene firms reinvent themselves. p1982 20 Sep 2002.
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 Hall, Ira M. See Volpe, Thomas A.
 ———; Shankaranarayana, Gurumurthy D.; Noma, Ken-ichi; Ayoub, Nabieh; Cohen, Amikam; Grewal, Shiv I. S.: Establishment and maintenance of a heterochromatin domain. p2232 27 Sep 2002.
 Hall, Stephen S. (news): President's bioethics council delivers. p322 19 July 2002.
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 Hammer, Anne Sofie. See Jensen, Trine.
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 Hammond, Ester M. and Giaccia, Amato J.: Anti-angiogenic therapy and *p53* (technical comment). p471 26 Jul 2002. www.sciencemag.org/cgi/content/full/297/5581/471a.
 Han, X. See Huang, H.
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 Hardy, John and Selkoe, Dennis J.: The amyloid hypothesis of Alzheimer's disease: progress and problems on the road to therapeutics. p353 19 July 2002.
 Hariri, Ahmad R.; Mattay, Venkata S.; Tessitore, Alessandro; Kolachana, Bhaskar; Fera, Francesco; Goldman, David; Egan, Michael F.; Weinberger, Daniel R.: Serotonin transporter genetic variation

- and the response of the human amygdala. p400 19 July 2002.
- Harman, T. C.; Taylor, P. J.; Walsh, M. P.; LaForge, B. E.: Quantum dot superlattice thermoelectric materials and devices. p2229 27 Sep 2002.
- Haroz, Erik H. See O'Connell, Michael J.
- Harris, C. B. See Miller, A. D.
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- Harrison, William D. See Arendt, Anthony A.
- Hartmann, C. See Boyen, H.-G.
- Hartshorn, Karen; Hovius, Niels; Dade, W. Brian; Slingerland, Rudy L.: Climate-driven bedrock incision in an active mountain belt. p2036 20 Sep 2002.
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- Harwit, Alex. See Bland-Hawthorn, Joss.
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- Hawkins, Steve F. C. See Wetthey, Frank R.
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- Hazen, Robert M. See Sharma, Anurag.
- He, Qiyang; Cheng, Ping; Yang, Yuhong; Wang, Lixing; Gardner, Kevin H.; Liu, Yi: White collar-1, a DNA binding transcription factor and a light sensor. p840 2 Aug 2002.
- Heavey, Barry. See Mikkola, Ingvild.
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- Hedges, S. Blair and Kumar, Sudhir: Vertebrate genomes compared (perspective). p1283 23 Aug 2002.
- Heinzmann, U. See Kienberger, R.
- Heisler, Lora K.; Cowley, Michael A.; Tecott, Laurence H.; Fan, Wei; Low, Malcolm J.; Smart, James L.; Rubinstein, Marcelo; Tatro, Jeffrey B.; Marcus, Jacob N.; Holstege, Henne; Lee, Charlotte E.; Cone, Roger D.; Elmquist, Joel K.: Activation of central melanocortin pathways by fenfluramine. p609 26 July 2002.
- Hellemans, Alexander (news): Planned mergers raise hue and cry. p1106 16 Aug 2002.
- Hellmann, Hanjo and Estelle, Mark: Plant development: regulation by protein degradation. p793 2 Aug 2002.
- Helmuth, Laura (news): Long-awaited technique spots Alzheimer's toxin. p752 2 Aug 2002. New Alzheimer's treatments that may ease the mind. p1260 23 Aug 2002. Protecting the brain while killing pain? p1262 23 Aug 2002.
- Hemley, Russell J. See Mao, Wendy L. See also Sharma, Anurag.
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- Henry, Michelle R.; Cho, Mildred K.; Weaver, Meredith A.; Merz, Jon F.: DNA patenting and licensing. p1279 23 Aug 2002.
- Henson, Shandelle M. See King, Aaron A.
- Hentschel, M. See Kienberger, R.
- Herbst, Johannes; Heyne, Karsten; Diller, Rolf: Femtosecond infrared spectroscopy of bacteriorhodopsin chromophore isomerization. p822 2 Aug 2002.
- Herman, Gregory S. See Park, Sangmoon.
- Herman, James G. See Esteller, Manel.
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- Herzenberg, Caroline L.: On Stephen Jay Gould (letter). p1120 16 Aug 2002.
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- Hoffman, K. L. and McNaughton, B. L.: Coordinated reactivation of distributed memory traces in primate neocortex. p2070 20 Sep 2002.
- Hoffman, Stephen L. See Long, Carole A.
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- Holden, Constance (news): Alliance launched to model *E. coli*. p1459 30 Aug 2002. California flashes a green light. p2185 27 Sep 2002. Drug find could give ravers the jitters. p2185 27 Sep 2002. NIH trial to test chelation therapy. p1109 16 Aug 2002. Versatile cells against intractable diseases. p500 26 July 2002.
- _____ and Vogel, Gretchen: 'Show us the cells,' U.S. researchers say. p923 9 Aug 2002.
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- Holleitner, Alexander W.; Blick, Robert H.; Hüttel, Andreas K.; Eberl, Karl; Kotthaus, Jörg P.: Probing and controlling the bonds of an artificial molecule. p70 5 July 2002.
- Holmquist, Richard: Someday everyone will be a chemist (letter). p1645 6 Sep 2002.
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- Hossfeld, Uwe and Olsson, Lennart: From the modern synthesis to Lysenkoism, and back? p55 5 July 2002.
- Hossfeld, Uwe and Olsson, Lennart: Documenting Lysenkoism (letter). p1646 6 Sep 2002.
- House, M. A.; Gurnis, M.; Kamp, P. J. J.; Sutherland, R.: Uplift in the Fiordland Region, New Zealand: implications for incipient subduction. p2038 20 Sep 2002.
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- Howlett, Niall G.; Taniguchi, Toshiyasu; Olson, Susan; Cox, Barbara; Waisfisz, Quinten; de Die-Smulders, Christine; Persky, Nicole; Grompe, Markus; Joenje, Hans; Pals, Gerard; Ikeda, Hideyuki; Fox, Edward A.; D'Andrea, Alan D.: Biallelic inactivation of *BRCA2* in Fanconi anemia. p606 26 July 2002.
- Hu, Jianping; Aguirre, Maria; Peto, Charles; Alonso, José; Ecker, Joseph; Chory, Joanne: A role for peroxisomes in photomorphogenesis and development of *Arabidopsis*. p405 19 July 2002.
- Hu, Jingzhu. See Mao, Wendy L.
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- Huang, H.; Han, X.; Kang, L.; Raven, P.; Jackson, P. W.; Chen, Y.: Conserving native plants in China (letter). p935 9 Aug 2002.
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- Huizinga, Eric G.; Tsuji, Shizuko; Romijn, Roland A. P.; Schiphorst, Marion E.; de Groot, Philip G.; Sixma, Jan J.; Gros, Piet: Structures of glycoprotein $\text{ib}\alpha$ and its complex with von Willebrand factor A1 domain. p1176 16 Aug 2002.
- Hunt, John F.; Weinkauff, Sevil; Henry, Lisa; Fak, John J.; McNicholas, Paul; Oliver, Donald B.; Deisenhofer, Johann: Nucleotide control of interdomain interactions in the conformational reaction cycle of SecA. p2018 20 Sep 2002.
- Hunt, Kelly K. and Vorburger, Stephan A.: Hurdles and hopes for cancer treatment (Tech.Sight). p415 19 July 2002.
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- Hüttel, Andreas K. See Holleitner, Alexander W.
- Hutvagner, György and Zamore, Phillip D.: A microRNA in a multiple-turnover RNAi enzyme complex. p2056 20 Sep 2002.
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- Ikeda, Hideyuki. See Howlett, Niall G.
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- Irion, Robert (news): Ashes to ashes: the inner lives of neutron stars. p2199 27 Sep 2002. Cave diving on asteroids. p1640 6 Sep 2002. Gravitational wave hunters take aim at the sky. p1113 16 Aug 2002. LIGO: the shakedown continues. p1115 16 Aug 2002. Orbiting scopes shoot 'movie' of crab nebula. p1979 20 Sep 2002. Rings of light could reveal black holes. p2188 27 Sep 2002. 'Winged' galaxies point to black hole mergers. p753 2 Aug 2002.
- Isberg, Jan; Hammersberg, Johan; Johansson, Erik; Wikström, Tobias; Twitchen, Daniel J.; Whitehead, Andrew J.; Coe, Steven E.; Scarsbrook, Geoffrey A.: High carrier mobility in single-crystal plasma-deposited diamond. p1670 6 Sep 2002.
- Ishida, K. See Wang, C. P.
- Israelachvili, Jacob N. See Maeda, Nobuo.
- Iyengar, Ravi. See Bhalla, Upinder S.
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- Jackson, Stephen P. See Rouse, John. See also Weller, Geoffrey R.
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- Jacobs, S. S.; Giulivi, C. F.; Mele, P. A.: Freshening of the Ross Sea during the late 20th century. p386 19 July 2002.
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- Jain, Meenakshi; Arvanitis, Constadina; Chu, Kenneth; Dewey, William; Leonhardt, Edith; Trinh, Maxine; Sundberg, Christopher D.; Bishop, J. Michael; Felsler, Dean W.: Sustained loss of a neoplastic phenotype by brief inactivation of MYC. p102 5 July 2002.

- James, David E. See Shirey, Steven B.
- Jan, Lily Yeh. See Moore, Adrian W.
- Jan, Yuh Nung. See Moore, Adrian W.
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- Janka, H.-Th.: The secrets behind supernovae (perspective). p1134 16 Aug 2002.
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- Jensen, Trine; van de Bildt, Marco; Dietz, Hans Henrik; Andersen, Ths. Holmen; Hammer, Anne Sofie; Kuiken, Thijs; Osterhaus, Albert: Another phocine distemper outbreak in Europe. p209 12 July 2002.
- Jenuwein, Thomas: An RNA-guided pathway for the epigenome (perspective). p2215 27 Sep 2002.
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- Jesuthasan, Suresh: Zebrafish in the spotlight (perspective). p1484 30 Aug 2002.
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- Jhaver, Kanchan G. See Munn, David H.
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- Johnson, Eric. See Arbeitman, Michelle N.
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- Johnson, Jeffrey G.; Cohen, Patricia; Smailes, Elizabeth M.; Kasen, Stephanie; Brook, Judith S.: Kids, TV viewing, and aggressive behavior (letter). p49 5 July 2002.
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- Jones, David Alwyn: Calling it something other than cloning (letter). p51 5 July 2002.
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- Jørgensen, Bo Barker. See Michaelis, Walter.
- Jørgensen, Paul; Nishikawa, Joy L.; Breitreutz, Bobby-Joe; Tyers, Mike: Systematic identification of pathways that couple cell growth and division in yeast. p395 19 July 2002.
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- Kasahara, Junzo: Tides, earthquakes, and volcanoes (perspective). p348 19 July 2002.
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- Kates, Robert and Clark, William C.: Critical challenges for sustainability science (letter). p1994 20 Sep 2002.
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- Kellner, Alexander W. A. and Campos, Diogenes A.: Form, function, and the flight of the pterosaur (letter). p2207 27 Sep 2002.
- _____ and de Almeida Campos, Diogenes: The function of the cranial crest and jaws of a unique pterosaur from the Early Cretaceous of Brazil. p389 19 July 2002.
- Kennedy, Donald (editorials): More questions about research misconduct. p13 5 July 2002. Not wicked, perhaps, but tacky. p1237 23 Aug 2002. POTUS and the fish. p477 26 July 2002. A tiger tale. p1445 30 Aug 2002.
- Kennedy, Donald: A not-so-cheap stunt (letter). p769 2 Aug 2002.
- Kennedy, Donald. See Pierce, Sidney K.
- Kerbel, Robert S.; Yu, Joanne L.; Rak, Janusz; Coomber, Brenda: Antiangiogenic therapy and p53 (technical comment). p471 26 Jul 2002. www.sciencemag.org/cgi/content/full/297/5581/471a.
- Keren, Kinneret; Krueger, Michael; Gilad, Rachel; Ben-Yoseph, Gdalyahu; Sivan, Uri; Braun, Erez: Sequence-specific molecular lithography on single DNA molecules. p72 5 July 2002.
- Kerr, Richard A. (news): A brighter outlook for good ozone. p1623 6 Sep 2002. Could poor nutrition have held life back? p1104 16 Aug 2002. Diamond dust dearth raises doubts. p177 12 July 2002. A little respect for the asteroid threat. p1785 13 Sep 2002. Mild winters mostly hot air, not Gulf Stream. p2202 27 Sep 2002. Signs of success in forecasting El Niño. p497 26 July 2002. A warmer Arctic means change for all. p1490 30 Aug 2002. Whither Arctic ice? Less of it, for sure. p1491 30 Aug 2002.
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- Khain, Alexander. See Rosenfeld, Daniel.
- Khalifah, P.; Osborn, R.; Huang, Q.; Zandbergen, H. W.; Jin, R.; Liu, Y.; Mandrus, D.; Cava, R. J.: Orbital ordering transition in $\text{La}_4\text{Ru}_2\text{O}_{10}$. p2237 27 Sep 2002.
- Khan, Shahed U. M.; Al-Shahry, Mofareh; Ingler, William B., Jr.: Efficient photochemical water splitting by a chemically modified n-TiO₂. p2243 27 Sep 2002.
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- Kiberstis, Paula and Marx, Jean (news): The unstable path to cancer. p543 26 July 2002.
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- Kieran, Mark. See Browder, Timothy.
- Kim, Dennis H.; Feinbaum, Rhonda; Alloing, Geneviève; Emerson, Fred E.; Garsin, Danielle A.; Inoue, Hideki; Tanaka-Hino, Miho; Hisamoto, Naoki; Matsumoto, Kunihiko; Tan, Man-Wah; Ausubel, Frederick M.: A conserved p38 MAP kinase pathway in *Caenorhabditis elegans* innate immunity. p623 26 July 2002.
- Kim, Kee-Chan; Reed, Christopher A.; Elliott, Douglas W.; Mueller, Leonard J.; Tham, Fook; Lin, Lijun; Lambert, Joseph B.: Crystallographic evidence for a free silylium ion. p825 2 Aug 2002.
- Kim, Namjun and Grey, Clare P.: Probing oxygen motion in disordered anionic conductors with ¹⁷O and ⁵¹V MAS NMR spectroscopy. p1317 23 Aug 2002.
- King, Aaron A.; Desharnais, Robert A.; Henson, Shandelle M.; Costantino, R. F.; Cushing, J. M.; Dennis, Brian: Random perturbations and lattice effects in chaotic population dynamics (technical comment). p2163 27 Sep 2002. www.sciencemag.org/cgi/content/full/297/5590/2163a.
- Kinnucan, Elspeth. See Yang, Haijuan.
- Kintner, Edwin E. See Chapin, Douglas M.
- Kinzler, Kenneth W. See Yan, Hai.
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- Kirk, Jason; Ruiz, Joaquin; Chesley, John; Walshe, John; England, Gavin: A major Archean, gold- and crust-forming event in the Kaapvaal craton, South Africa. p1856 13 Sep 2002.
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- Klass, Klaus-Dieter: Mantophasmatodea: a new insect order? (technical comment). p731 9 Aug 2002. www.sciencemag.org/cgi/content/full/297/5586/731a.
- Kleckner, Nancy. See Cha, Rita S.
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- Kohler, Evelyne; Keysers, Christian; Umiltà, M. Alessandra; Fogassi, Leonardo; Gallese, Vittorio; Rizzolatti, Giacomo: Hearing sounds, understanding actions: action representation in mirror neurons. p846 2 Aug 2002.
- Köhler, Th. See Lifshitz, Y.
- Kolachana, Bhaskar. See Hariri, Ahmad R.
- Kolachana, Prema. See Gruber, Stephen B.
- Kolodner, Richard D.; Putnam, Christopher D.; Myung, Kyungjae: Maintenance of genome stability in *Saccharomyces cerevisiae*. p552 26 July 2002.
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- Koutavas, Athanasios; Lynch-Stieglitz, Jean; Marchitto, Thomas M., Jr.; Sachs, Julian P.: El Niño-like pattern in ice age tropical Pacific Sea surface

- temperature. p226 12 July 2002.
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- Kühlbrandt, Werner; Zeelen, Johani; Dietrich, Jens: Structure, mechanism, and regulation of the *Neurospora* plasma membrane H⁺-ATPase. p1692 6 Sep 2002.
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- Kwon, Hyung-Jin; Smith, Wyatt C.; Scharon, A. Janelle; Hwang, Sung Hee; Kurth, Mark J.; Shen, Ben: C–O bond formation by polyketide synthases. p1327 23 Aug 2002.
- Kwon, Yong Tae; Kashina, Anna S.; Davydov, Ilia V.; Hu, Rong-Gui; An, Jee Young; Seo, Jai Wha; Du, Fangyong; Varshavsky, Alexander: An essential role of N-terminal arginylation in cardiovascular development. p96 5 July 2002.
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- L**
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- Lawler, Andrew (news): Bigger is better for science, says report. p316 19 July 2002. France, Italy threaten to rain on parade of missions to Mars. p1972 20 Sep 2002. NASA plans expansion, new research agenda. p1977 20 Sep 2002. Panel plots clear path for planetary program. p317 19 July 2002. Researcher acquitted of lab theft charge. p1463 30 Aug 2002. U.S. asks for delay in Harvard theft case. p496 26 July 2002. White House stirs interest in brain-imaging initiative. p748 2 Aug 2002.
- _____ and Seife, Charles; Panel shines light on exploring the Sun. p913 9 Aug 2002.
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- Lee, Eunkyung; Marcucci, Melissa; Daniell, Laurie; Pypaert, Marc; Weisz, Ora A.; Ochoa, Gian-Carlo; Farsad, Khashayar; Wenk, Markus R.; De Camilli, Pietro: Amphiphysin 2 (Bin1) and T-tubule biogenesis in muscle. p1193 16 Aug 2002.
- Lee, Jeffrey R. See Munn, David H.
- Lee, S. T. See Lifshitz, Y.
- Lee, Wen-Hwa. See Yang, Haijuan.
- Lee, Young-Wook. See Yoon, Suk-Jin.
- Lehner, Thomas and Shearer, Gene M.: Alternative HIV vaccine strategies (letter). p1276 23 Aug 2002.
- Lei, Xiong. See Ding, Yimin.
- Leigh, Egbert G., Jr. See Chave, Jérôme.
- Lenhart, Joseph L. See Lin, Eric K.
- Leonhardt, Edith. See Jain, Meenakshi.
- Leshner, Alan: Science and sustainability (editorial). p897 9 Aug 2002.
- Levenson, Milton. See Chapin, Douglas M.
- Levine, Arnold J. See Elowitz, Michael B.
- Levsky, Jeffrey M.; Shenoy, Shailesh M.; Pezo, Rosanna C.; Singer, Robert H.: Single-cell gene expression profiling. p836 2 Aug 2002.
- Levy, Yaron Y.; Mesnage, Stéphane; Mylne, Joshua S.; Gendall, Anthony R.; Dean, Caroline: Multiple roles of *Arabidopsis* VRN1 in vernalization and flowering time control. p243 12 July 2002.
- Lewenstein, Maciej: Resolving physical processes on the attosecond time scale (perspective). p1131 16 Aug 2002.
- Lezec, H. J.; Degiron, A.; Devaux, E.; Linke, R. A.; Martin-Moreno, L.; Garcia-Vidal, F. J.; Ebbesen, T. W.: Beaming light from a subwavelength aperture. p820 2 Aug 2002.
- Li, Peter W. See Bailey, Jeffrey A.
- Li, Shulin. See Wang, Jun.
- Li, Xue; Perissi, Valentina; Liu, Forrest; Rose, David W.; Rosenfeld, Michael G.: Tissue-specific regulation of retinal and pituitary precursor cell proliferation. p1180 16 Aug 2002.
- Li, Zhi-Wei. See Park, Jin Mo.
- Liddington, Robert C. See Gu, Zezong.
- Liebl, Ursula. See Myllykallio, Hannu.
- Liedtke, Wolfgang. See Cohen, Paul.
- Lifshitz, Y.; Köhler, Th.; Frauenheim, Th.; Guzmán, I.; Hoffman, A.; Zhang, R. Q.; Zhou, X. T.; Lee, S. T.: The mechanism of diamond nucleation from energetic species. p1531 30 Aug 2002.
- Ligoxygakis, Petros; Pelte, Nadège; Hoffmann, Jules A.; Reichhart, Jean-Marc: Activation of *Drosophila* toll during fungal infection by a blood serine protease. p114 5 July 2002.
- Lima, Mauricio. See Stenseth, Nils Chr.
- Lin, Eric K.; Soles, Christopher L.; Goldfarb, Dario L.; Trinke, Brian C.; Burns, Sean D.; Jones, Ronald L.; Lenhart, Joseph L.; Angelopoulos, Marie; Willson, C. Grant; Satija, Sushil K.; Wu, Wen-li: Direct measurement of the reaction front in chemically amplified photoresists. p372 19 July 2002.
- Lin, Lijun. See Kim, Kee-Chan.
- Linden, Hartmut: A white collar protein senses blue light (perspective). p777 2 Aug 2002.
- Lindh, Frank. See Mahdavi, Jafar.
- Lindholm, Edward P. See Marshall, John L.
- Lingle, Craig S. See Arendt, Anthony A.
- Linke, R. A. See Lezec, H. J.
- Linnartz, H.; Verdes, D.; Maier, J. P.: Rotationally resolved infrared spectrum of the charge transfer complex [Ar-N₂]⁺. p1166 16 Aug 2002.
- Lipowski, Gerard. See Myllykallio, Hannu.
- Lippes, Jack: A birth control alternative (letter). p1121 16 Aug 2002.
- Lippincott-Schwartz, Jennifer. See Patterson, George H.
- Lippman, Zachary. See Gendrel, Anne-Valérie.
- Lipton, Stuart A. See Gu, Zezong.
- Liss, Peter S. See Chuck, Adele L.
- Littlewood, P. See Blumberg, G.
- Litvak, M. See Mitrofanov, I.
- Liu, Betty P.; Fournier, Alyson; GrandPré, Tadzia; Strittmatter, Stephen M.: Myelin-Associated glycoprotein as a functional ligand for the Nogo-66 receptor. p1190 16 Aug 2002.
- Liu, Forrest. See Li, Xue.
- Liu, Hao. See Castro, Raymond F.
- Liu, Jinsong. See Benoff, Brian.
- Liu, Pei. See Nasrallah, Mikhail E.
- Liu, S. H. See Miller, A. D.
- Liu, Wen; Christenson, Steven D.; Standage, Scott; Shen, Ben: Biosynthesis of the enediyne antitumor antibiotic C-1027. p1170 16 Aug 2002.
- Liu, X. J. See Wang, C. P.
- Liu, Xinran. See Biederer, Thomas.
- Liu, Y. See Khalifah, P.
- Liu, Yanwei. See Bartels, Randy A.
- Liu, Yi. See Froehlich, Allan C. See also He, Qiyang.
- Llave, Cesar; Xie, Zhixin; Kasschau, Kristin D.; Carrington, James C.: Cleavage of *Scarecrow-like* mRNA targets directed by a class of *Arabidopsis* miRNA. p2053 20 Sep 2002.
- Logvenov, G. See Abbamonte, P.
- Lohtander, Katileena. See Rikkinen, Jouko.
- Lomovskaya, Natalia. See Ahlert, Joachim.
- Long, Carole A. and Hoffman, Stephen L.: Malaria—from infants to genomics to vaccines (perspective). p345 19 July 2002.
- Lopes, Massimo. See Sogo, José M.
- Lordkipanidze, David. See Vekua, Abesalom.
- Loros, Jennifer J. See Froehlich, Allan C.
- Lounis, Brahim. See Boyer, David.
- Loutre, M. F. See Berger, A.
- Low, Malcolm J. See Heisler, Lora K.
- Low, Marcelo. See Gruber, Stephen B.
- Lowe, Donald R. See Byerly, Gary R.
- Lowell, Bradford B. See Bachman, Eric S.
- Lu, Theresa T. and Cyster, Jason G.: Integrin-mediated long-term B cell retention in the splenic marginal zone. p409 19 July 2002.
- Lu, Wen; Fadeev, Andrei G.; Qi, Baohua; Smela, Elisabeth; Mattes, Benjamin R.; Ding, Jie; Spinks, Geoffrey M.; Mazurkiewicz, Jakub; Zhou, Dezhi; Wallace, Gordon G.; MacFarlane, Douglas R.; Forsyth, Stewart A.; Forsyth, Maria: Use of ionic liquids for π -conjugated polymer electrochemical devices. p983 9 Aug 2002.
- Lucas, Susan. See Aparicio, Samuel.
- Lund, Steve. See Stott, Lowell.
- Lundskog, Bertil B. See Mahdavi, Jafar.
- Luo, Yunfeng. See Menon, Surabi.
- Luzio, J. Paul. See Wetthey, Frank R.
- Lynch, Michael: Gene duplication and evolution (perspective). p945 9 Aug 2002.
- Lynch-Stieglitz, Jean. See Koutavas, Athanasios.
- M**
- Ma, Jianpeng. See O'Connell, Michael J.
- Ma, Runlin Z.; Gao, Jianfeng; Meeker, Nathan D.;

- Fillmore, Parley D.; Tung, Kenneth S. K.; Watanabe, Takeshi; Zachary, James F.; Offner, Halina; Blankenhorn, Elizabeth P.; Teuscher, Cory: Identification of *Bphs*, an autoimmune disease locus, as histamine receptor H₁. p620 26 July 2002.
- Maali, Abdelhamid. See Boyer, David.
- MacDougall, Eilidh. See Millar, Catherine B.
- MacFarlane, Douglas R. See Lu, Wen.
- Mackenzie, Dana (news): Graph theory uncovers the roots of perfection. p38 5 July 2002.
- Madden, Joah. See Balford, Andrew.
- Maeda, Nobuo; Chen, Nianhuan; Tirrell, Matthew; Israelachvili, Jacob N.: Adhesion and friction mechanisms of polymer-on-polymer surfaces. p379 19 July 2002.
- Magnusson, Karl-Eric. See Mahdavi, Jafar;
- Mahdavi, Jafar; Sondén, Berit; Hurtig, Marina; Olfat, Farzad O.; Forsberg, Lina; Roche, Niamh; Ångström, Jonas; Larsson, Thomas; Teneberg, Susann; Karlsson, Karl-Anders; Altraja, Siiri; Wadström, Torkel; Kersulyte, Dangeruta; Berg, Douglas E.; Dubois, Andre; Petersson, Christoffer; Magnusson, Karl-Eric; Norberg, Thomas; Lindh, Frank; Lundskog, Bertil B.; Arnqvist, Anna; Hammarström, Lennart; Borén, Thomas: *Helicobacter pylori* SabA adhesin in persistent infection and chronic inflammation. p573 26 July 2002.
- Maier, J. P. See Linnartz, H.
- Maisuradze, Givi. See Vekua, Abesalom.
- Malakoff, David (news): Student charged with possessing anthrax. p751 2 Aug 2002. Arizona ecologist puts stamp on forest restoration debate. p2194 27 Sep 2002. Bird advocates fear that West Nile virus could silence the spring. p1989 20 Sep 2002. Congress homes in on new department's R&D programs. p912 9 Aug 2002. Janet Shoemaker, shaping the politics of bioterrorism. p1632 6 Sep 2002. Mixed schools a must for fish? p31 5 July 2002. One year after: tighter security reshapes research. p1630 6 Sep 2002. Out of the vault, into the forest. p2196 27 Sep 2002. Physical sciences need boost, advisory panel tells Bush. p1622 6 Sep 2002. Researchers plunge into debate over new sub. p326 19 July 2002. Scientists plan plans for new U.S. agency. p27 5 July 2002. Texas A&M draws flak for plans to nab antiterrorism research center. p912 9 Aug 2002.
- Malhotra, Alka. See Splawski, Igor.
- Malingreau, Jean-Paul. See Achard, Frédéric.
- Malke, Horst: Documenting Lysenkoism (letter). p1646 6 Sep 2002.
- Mandil, I. Harry. See Chapin, Douglas M.
- Mandrus, D. See Khalifah, P.
- Mann, Charles C. (news): The forgotten people of Amazonia. p921 9 Aug 2002. The real dirt on rainforest fertility. p920 9 Aug 2002.
- Mann, Michael E.: The value of multiple proxies (perspective). p1481 30 Aug 2002.
- Manzer, L. E. See Subramanian, M. A.
- Mao, Ho-kwang. See Mao, Wendy L.
- Mao, Wendy L.; Mao, Ho-kwang; Goncharov, Alexander F.; Struzhkin, Viktor V.; Guo, Quan-zhong; Hu, Jingzhu; Shu, Jinfu; Hemley, Russell J.; Somayazulu, Maddury; Zhao, Yusheng: Hydrogen clusters in clathrate hydrate. p2247 27 Sep 2002.
- Marcelle, Christophe. See Garcia-Castro, Martín I.
- Marchitto, Thomas M., Jr. See Koutavas, Athanasios.
- Marcialis, R. L. See Boynton, W. V.
- Marcucci, Melissa. See Lee, Eunkyoung.
- Marcus, Jacob N. See Heisler, Lora K.
- Marley, Aaron. See Whistler, Jennifer L.
- Marshall, Brendan. See Munn, David H.
- Marshall, Eliot (news): AIDS researcher named CDC chief. p173 12 July 2002. Susan Lindquist: prion expert leads the Whitehead Institute. p759 2 Aug 2002.
- Marshall, John L.; Telfer, Stephen J.; Young, Michael A.; Lindholm, Edward P.; Minns, Richard A.; Takiff, Larry: A silver-free, single-sheet imaging medium based on acid amplification. p1516 30 Aug 2002.
- Martienssen, Robert A. See Gendrel, Anne-Valérie. See also Volpe, Thomas A.
- Martin, Judy. See Caspi, Avshalom.
- Martin, Kevan A. C.: review of *Computational Neuroscience of Vision*, by Edmund T. Rolls and Gustavo Deco. p525 26 July 2002.
- Martin-Lluesma, Silvia; Stucke, Volker M.; Nigg, Erich A.: Role of Hec1 in spindle checkpoint signaling and kinetochore recruitment of Mad1/Mad2. p2267 27 Sep 2002.
- Martin-Moreno, L. See Lezec, H. J.
- Marx, Jean (news): Debate surges over the origins of genomic defects in cancer. p544 26 July 2002. Gene mutation may boost risk of heart arrhythmias. p1252 23 Aug 2002. Ubiquitin lives up to its name. p1792 13 Sep 2002.
- Marx, Jean. See Kiberstis, Paula.
- Marx, Vivien (news): Beautiful bioimages for the eyes of many beholders. p39 5 July 2002.
- Maser, Richard S. and DePinho, Ronald A.: Connecting chromosomes, crisis, and cancer. p565 26 July 2002.
- Masson-Delmotte, Valérie. See Morgan, Vin.
- Master, Lawrence L. See Stein, Bruce A.
- Matheson, Robert R., Jr.: 20th- to 21st-century technological challenges in soft coatings. p976 9 Aug 2002.
- Mathis, Diane. See Lee, David M.
- Matranga, Christopher. See Bockrath, Bradley.
- Matsumoto, Kunihiko. See Kim, Dennis H.
- Mattay, Venkata S. See Hariri, Ahmad R.
- Mattes, Benjamin R. See Lu, Wen.
- Matthiessen, Christian Wichmann; Schwarz, Annette Winkel; Find, Søren: The ups and downs of global research centers (letter). p1476 30 Aug 2002.
- Mattison, Julie A. See Roth, George S.
- Mattsson, T. R. See Chambers, S. A.
- Maurice, S. See Boynton, W. V. See also Feldman, W. C.
- May, Robert M. See Clark, J. Alan. See also Clark, J. Alan.
- Mayaux, Philippe. See Achard, Frédéric.
- Mazor, Ofer. See Perez-Orive, Javier.
- Mazurkiewicz, Jakub. See Lu, Wen.
- McCann, Una D. See Ricaurte, George A.
- McClay, Joseph. See Caspi, Avshalom.
- McElroy, K. See Hoffman, J. E.
- McEwen, Alfred S.: Active volcanism on Io (perspective). p2220 27 Sep 2002.
- McFadden, Phil: Broadband biodetection: Holmes on a chip (Tech.Sight). p2075 20 Sep 2002.
- McIlrath, G. M. See Clutton-Brock, T. H.
- McKellar, A. R. W. See Tang, Jian.
- McKinney, G. W. See Feldman, W. C.
- McLeish, Tom: Polymers without beginning or end (perspective). p2005 20 Sep 2002.
- McMichael, Tony: The biosphere, health, and "Sustainability" (editorial). p1093 16 Aug 2002.
- McNaughton, B. L. See Hoffman, K. L.
- McNicholas, Paul. See Hunt, John F.
- McSweeney, Edward: Screening foreign scholars (letter). p771 2 Aug 2002.
- Meek, Stephen E. See Okkenhaug, Klaus.
- Meeker, Nathan D. See Ma, Runlin Z.
- Mehlmann, Lisa M.; Jones, Teresa L. Z.; Jaffe, Laurinda A.: Meiotic arrest in the mouse follicle maintained by a G_S protein in the oocyte. p1343 23 Aug 2002.
- Meibom, A. and Frei, R.: Correction (letter). p1120 16 Aug 2002.
- Meier, Mark F. and Dyrgerov, Mark B.: How Alaska affects the world (perspective). p350 19 July 2002.
- Meldrum, Deirdre R. and Holl, Mark R.: Microscale bioanalytical systems. p1197 16 Aug 2002.
- Mele, P. A. See Jacobs, S. S.
- Mellor, Andrew L. See Munn, David H.
- Meltzer, David J. and Grayson, Donald K.: Mother knows best (letter). p194 12 July 2002.
- Meltzer, Herbert Y.: review of *The Creation of Psychopharmacology*, by David Healy. p1125 16 Aug 2002.
- Méndez Mariano. See Migliari, Simone.
- Menon, Sarabi; Hansen, James; Nazarenko, Larissa; Luo, Yunfeng: Climate effects of black carbon aerosols in China and India. p2250 27 Sep 2002.
- Mercer, Jean: The difficulties of double blinding (letter). p2208 27 Sep 2002.
- Merritt, David and Ekers, R. D.: Tracing black hole mergers through radio lobe morphology. p1310 23 Aug 2002.
- Mervis, Jeffrey (news): Big facilities account is big headache for NSF. p183 12 July 2002. Congress expands cyberfellows program. p1108 16 Aug 2002. NSF fights changes in oversight bill. p2187 27 Sep 2002. NSF gets big lift; Pluto mission backed. p755 2 Aug 2002. Science with an agenda: NSF expands centers program. p506 26 July 2002. Senate puts the heat on science nominees. p493 26 July 2002.
- Mervis, Jeffrey D. (news): The geometry center, 1991–1998. RIP. p508 26 July 2002. Power of the purse: down-to-the-wire talks shape a new NSF center. p507 26 July 2002.
- Mervis, Jeffrey and Stokstad, Erik (news): NAS sensors report on agriculture threats. p1973 20 Sep 2002.
- Merz, Jon F. See Henry, Michelle R.
- Mesnage, Stéphane. See Levy, Yaron Y.
- Metter, E. Jeffrey. See Roth, George S.
- Metzger, A. E. See Boynton, W. V.
- Metzger, Till H.: Squeezing X-ray photons (perspective). p205 12 July 2002.
- Meyer, Eli: Calling it something other than cloning (letter). p51 5 July 2002.
- Mézard, M.; Parisi, G.; Zecchina, R.: Analytic and algorithmic solution of random satisfiability problems. p812 2 Aug 2002.
- Michaelis, Walter; Seifert, Richard; Nauhaus, Katja; Treude, Tina; Thiel, Volker; Blumenberg, Martin; Knittel, Katrin; Gieseke, Armin; Peterknecht, Katharina; Pape, Thomas; Boetius, Antje; Amann, Rudolf; Jørgensen, Bo Barker; Widdel, Friedrich; Peckmann, Jörn; Pimеноv, Nikolai V.; Gulin, Maksim B.: Microbial reefs in the Black Sea fueled by anaerobic oxidation of methane. p1013 9 Aug 2002.
- Migliari, Simone; Fender, Rob; Méndez Mariano: Iron emission lines from extended x-ray jets in SS 433: reheating of atomic nuclei. p1673 6 Sep 2002.
- Mikheeva, I. See Boynton, W. V.
- Mikkola, Ingvild; Heavey, Barry; Horcher, Markus; Busslinger, Meinrad: Reversion of B cell commitment upon loss of *Pax5* expression. p110 5 July 2002.
- Mill, Jonathan. See Caspi, Avshalom.
- Millar, Catherine B.; Guy, Jacky; Sansom, Owen J.; Selfridge, Jim; MacDougall, Eilidh; Hendrich, Brian; Keightley, Peter D.; Bishop, Stefan M.; Clarke, Alan R.; Bird, Adrian: Enhanced CpG mutability and tumorigenesis in MBD4-deficient mice. p403 19 July 2002.
- Miller, A. D.; Bezel, I.; Gaffney, K. J.; Garrett-Roe, S.; Liu, S. H.; Szymanski, P.; Harris, C. B.: Electron solvation in two dimensions. p1163 16 Aug 2002.
- Miller, Earl K. See Nieder, Andreas.
- Miller, Greg (news): Breaking down barriers. p1116 16 Aug 2002. Gene's effect seen in brain's fear

- response. p319 19 July 2002. Researchers thrilled with seminal discovery. p1460 30 Aug 2002.
- Miller, Henry I. See Rappuoli, Rino.
- Miller, J. M. See Fabian, A. C.
- Miller, Jake: review of *Envisioning Science*, by Felice Frankel. p526 26 July 2002.
- Miller, Julie. See Yang, Haijuan.
- Milligan, Allen J. and Morel, François M. M.: A proton buffering role for silica in diatoms. p1848 13 Sep 2002.
- Mindes, Janet. See Carter, George M.
- Minns, Richard A. See Marshall, John L.
- Minster, Bernard. See Fialko, Yuri.
- Mirkin, Chad A. See Cao, YunWei Charles.
- Mitrofanov, I.; Anfimov, D.; Kozyrev, A.; Litvak, M.; Sanin, A.; Tret'yakov, V.; Krylov, A.; Shvetsov, V.; Boynton, W.; Shinohara, C.; Hamara, D.; Saunders, R. S.: Maps of subsurface hydrogen from the high energy neutron detector, Mars odyssey. p78 5 July 2002.
- Mitrofanov, Igor. See Boynton, W. V.
- Mitsui, T.; Rose, M. K.; Fomin, E.; Ogletree, D. F.; Salmeron, M.: Water diffusion and clustering on Pd(111). p1850 13 Sep 2002.
- Miyazaki, Makoto. See Cohen, Paul.
- Modugno, Giovanni; Roati, Giacomo; Riboli, Francesco; Ferlaino, Francesca; Brecha, Robert J.; Inguscio, Massimo: Collapse of a degenerate fermi gas. p2240 27 Sep 2002.
- Moffat, Anne Simon (news): Getting down to bare wood and overcoming a barrier. p1637 6 Sep 2002.
- Moffitt, Terrie E. See Caspi, Avshalom.
- Molberg, Øyvind. See Shan, Lu.
- Molino, Jean-François and Sabatier, Daniel: Humped pattern of diversity: fact or artifact? (technical comment). p1763 13 Sep 2002. www.sciencemag.org/cgi/content/full/297/5588/1763a.
- Möller, M. See Boyen, H.-G.
- Mongru, D. A. See Ravasz, E.
- Moody, William J. See Huey, Raymond B.
- Moore, Adrian W.; Jan, Lily Yeh; Jan, Yuh Nung: *hamlet*, a binary genetic switch between single- and multiple-dendrite neuron morphology. p1355 23 Aug 2002.
- Moore, Gerry: review of *The Poverty of the Linnaean Hierarchy*, by Marc Ereshefsky. p1650 6 Sep 2002.
- Moore, K. R. See Feldman, W. C.
- Moore, Sarah L. and Wilson, Kenneth: Parasites as a viability cost of sexual selection in natural populations of mammals. p2015 20 Sep 2002.
- Moore, Valerie C. See O'Connell, Michael J.
- Morel, François M. M. See Milligan, Allen J.
- Morgan, Vin; Delmotte, Marc; van Ommen, Tas; Jouzel, Jean; Chappellaz, Jérôme; Woon, Suenor; Masson-Delmotte, Valérie; Raynaud, Dominique: Relative timing of deglacial climate events in Antarctica and Greenland. p1862 13 Sep 2002.
- Morinobu, Akio. See Nguyen, Khuong B.
- Moritz, Richard E.; Bitz, Cecilia M.; Steig, Eric J.: Dynamics of recent climate change in the Arctic. p1497 30 Aug 2002.
- Morse, Larry E. See Stein, Bruce A.
- Moskowitz, Michael A. See Chiarugi, Alberto.
- Motoyama, N. See Blumberg, G.
- Mouskhelishvili, Alexander. See Vekua, Abesalom.
- Mozhayeva, Marina. See Biederer, Thomas.
- Mueller, Leonard J. See Kim, Kee-Chan.
- Muenter, John S. See Callegari, Andrea.
- Muller, Denis. See Roth, George S.
- Muller-Landau, Helene C. See Chave, Jérôme.
- Munch, Stephan B. See Conover, David O.
- Munn, David H.; Sharma, Madhav D.; Lee, Jeffrey R.; Jhaver, Kanchan G.; Johnson, Theodore S.; Keskin, Derin B.; Marshall, Brendan; Chandler, Phillip; Antonia, Scott J.; Burgess, Russell; Slingluff, Craig L., Jr.; Mellor, Andrew L.: Potential regulatory function of human dendritic cells expressing indoleamine 2,3-dioxygenase. p1867 13 Sep 2002.
- Murphy, Kat. See Balmford, Andrew.
- Muranyi, Walter; Haas, Jürgen; Wagner, Markus; Krohne, Georg; Koszowski, Ulrich H.: Cytomegalovirus recruitment of cellular kinases to dissolve the nuclear lamina. p854 2 Aug 2002.
- Murnane, Margaret M. See Bartels, Randy A.
- Murphy, E. J. See Croxall, J. P.
- Murray, Andrew W. See Ingolia, Nicholas T.
- Murray, Stephen R. See Whistler, Jennifer L.
- Murzin, Alexey G.: DNA building block reinvented (perspective). p61 5 July 2002.
- Mustovic, Henrietta. See Seifritz, Erich.
- Myers, Eugene W. See Bailey, Jeffrey A.
- Myers, Norman. See Balmford, Andrew.
- Myllykallio, Hannu; Lipowski, Gerard; Leduc, Damien; Filee, Jonathan; Forterre, Patrick; Liebl, Ursula: An alternative flavin-dependent mechanism for thymidylate synthesis. p105 5 July 2002.
- Mylne, Joshua S. See Levy, Yaron Y.
- Mysterud, Atle. See Stenseth, Nils Chr.
- Myung, Kyungjae. See Kolodner, Richard D.

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O, P, and Q

- chael S.; Haroz, Erik H.; Rialon, Kristy L.; Boul, Peter J.; Noon, William H.; Kittrell, Carter; Ma, Jianpeng; Hauge, Robert H.; Weisman, R. Bruce; Smalley, Richard E.: Band gap fluorescence from individual single-walled carbon nanotubes. p593 26 July 2002.
- Oelhafen, P. See Boyen, H.-G.
- Offit, Kenneth. See Gruber, Stephen B.
- Offner, Halina. See Ma, Runlin Z.
- Ogletree, D. F. See Mitsui, T.
- Oh, Tania. See Aparicio, Samuel.
- Ohnuma, I. See Wang, C. P.
- Okkenhaug, Klaus; Bilancio, Antonio; Farjot, Géraldine; Priddle, Helen; Sancho, Sara; Peskett, Emma; Pearce, Wayne; Meek, Stephen E.; Salpekar, Ashreena; Waterfield, Michael D.; Smith, Andrew J. H.; Vanhaesebroeck, Bart: Impaired B and T cell antigen receptor signaling in p110δ PI 3-kinase mutant mice. p1031 9 Aug 2002.
- Oksanen, Ilona. See Rikkinen, Jouko.
- Olfat, Farzad O. See Mahdavi, Jafar.
- Oliver, Donald B. See Hunt, John F.
- Olson, James M. See Berman, David M.
- Olson, Susan. See Howlett, Niall G.
- Olsson, Lennart. See Hossfeld, Uwe. See also Hossfeld, Uwe.
- Oltvai, Z. N. See Ravasz, E.
- Ono, K.; Austing, D. G.; Tokura, Y.; Tarucha, S.: Current rectification by Pauli exclusion in a weakly coupled double quantum dot system. p1313 23 Aug 2002.
- Opitz-Araya, Ximena. See Lassus, Patrice.
- Orrit, Michel. See Boyer, David.
- Osborn, R. See Khalifah, P.
- O'Shea, John J. See Nguyen, Khuong B.
- Osterhaus, Albert. See Jensen, Trine.
- Ottenhoff, Tom H. M.: *Mycobacterium leprae* and demyelination (letter). p1475 30 Aug 2002.
- Ottersen, Geir. See Stenseth, Nils Chr.
- Otto, Angelika; White, James D.; Simoneit, Bernd R. T.: Natural product terpenoids in Eocene and Miocene conifer fossils. p1543 30 Aug 2002.
- Otto, Sijbren; Furlan, Ricardo L. E.; Sanders, Jeremy K. M.: Selection and amplification of hosts from dynamic combinatorial libraries of macrocyclic disulfides. p590 26 July 2002.
- Over, H. and Seitsonen, A. P.: Oxidation of metal surfaces (perspective). p2003 20 Sep 2002.
- Overpeck, Jonathan T. See Anderson, David M.
- Owens, Ian P. F.: Sex differences in mortality rate (perspective). p2008 20 Sep 2002.
- Paavola, Jouni. See Balmford, Andrew.
- Packer, Craig. See West, Peyton M.
- Pals, Gerard. See Howlett, Niall G.
- Panunzi, S. See Gui, D.
- Pape, Thomas. See Michaelis, Walter.
- Pappu, Ravikanth; Recht, Ben; Taylor, Jason; Gershenfeld, Neil: Physical one-way functions. p2026 20 Sep 2002.
- Parisi, G. See Mézard, M.
- Park, Jin Mo; Greten, Florian R.; Li, Zhi-Wei; Karin, Michael: Macrophage apoptosis by anthrax lethal factor through p38 MAP kinase inhibition. p2048 20 Sep 2002.
- Park, Jin-Oh; Tsuru, Tetsuro; Kodaira, Shuichi; Cummins, Phil R.; Kaneda, Yoshiyuki: Splay fault branching along the Nankai subduction zone. p1157 16 Aug 2002.
- Park, Sangmoon; Clark, Benjamin L.; Keszler, Douglas A.; Bender, Jeffrey P.; Wager, John F.; Reynolds, Thomas A.; Herman, Gregory S.: Low-temperature thin-film deposition and crystallization (perspective). p65 5 July 2002.
- Parker, Elizabeth Rindskopf: The intelligence blame game (editorial). p301 19 July 2002.
- Parkinson, Gary. See Benoff, Brian.
- Parrish, Colin R. See Bull, James J.
- Parrot, Isabelle. See Shan, Lu.
- Pate, Zack T. See Chapin, Douglas M.
- Patterson, George H. and Lippincott-Schwartz, Jennifer: A photoactivatable GFP for selective photolabeling of proteins and cells. p1873 13 Sep 2002.
- Paul, Aniko V. See Cello, Jeronimo.
- Paul, Ariel. See Bartels, Randy A.
- Pavletich, Nikola P. See Yang, Haijuan.
- Paz, Maria F. See Esteller, Manel.
- Pdthig, Rosemarie. See Furrer, Gerhard.
- Pearce, David: review of *The New Economy of Nature*, by Gretchen C. Daily and Katherine Ellison. p941 9 Aug 2002.
- Pearce, Wayne. See Okkenhaug, Klaus.
- Peckmann, Jörn. See Michaelis, Walter.
- Pellicci, Pier Giuseppe. See Di Croce, Luciano.
- Pelte, Nadège. See Ligoxygakis, Petros.
- Pennisi, Elizabeth (news): Elaborate carnivorous plants prove to be kin. p1626 6 Sep 2002. Recharged field's rallying cry: gene chips for all organisms. p1985 20 Sep 2002. Survey confirms coral reefs are in peril. p1622 6 Sep 2002.
- Pera, Renee A. Reijo. See Feng, Li-Xin.
- Perez-Iratxeta, Carolina and Andrade, Miguel A.: Worldwide scientific publishing activity (letter). p519 26 July 2002.
- Perez-Orive, Javier; Mazor, Ofer; Turner, Glenn C.; Cassenaer, Stijn; Wilson, Rachel I.; Laurent, Gilles: Oscillations and sparsening of odor representations in the mushroom body. p359 19 July 2002.
- Perissi, Valentina. See Li, Xue.
- Perry, T. See Daborn, P. J.
- Persky, Nicole. See Howlett, Niall G.
- Peskett, Emma. See Okkenhaug, Klaus.
- Peter, Matthias. See Chang, Fred.
- Peterknecht, Katharina. See Michaelis, Walter.
- Peterson, Craig L. See Horn, Peter J.
- Pettersson, Christoffer. See Mahdavi, Jafar; Pettito, Laura Ann. See Holowka, Siobhan.
- Peto, Charles. See Hu, Jianping.
- Pezo, Rossanna C. See Levsky, Jeffrey M.
- Pfeiffer, F.; David, C.; Burghammer, M.; Riekel, C.; Salditt, T.: Two-dimensional X-ray waveguides and point sources. p230 12 July 2002.
- Phillips, Brian L. See Furrer, Gerhard.
- Picker, Mike D.; Colville, Jonathan F.; van Noort, Simon: Mantophasmatodea now in South Africa (letter). p1475 30 Aug 2002.
- Pien, Gary C. See Nguyen, Khuong B.
- Pierce, Heather. See Gruber, Stephen B.
- Pierce, Sidney K. and Kennedy, Donald: Making a case for conservation (letter). p1995 20 Sep 2002.
- Pilgrim, Dave: Does the sun know what day it is? (letter). p1995 20 Sep 2002.
- Pimenov, Nikolai V. See Michaelis, Walter.
- Pinsky, Mark. See Rosenfeld, Daniel.
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- Plasterk, Ronald H. A. See Wienholds, Erno.
- Poirier, Guy G. See Yu, Seong-Woon.
- Poitras, Marc F. See Yu, Seong-Woon.
- Poliakoff, Martyn; Fitzpatrick, J. Michael; Farren, Trevor R.; Anastas, Paul T.: Green chemistry: science and politics of change. p807 2 Aug 2002.
- Polishchuk, Leonard V.: Conservation priorities for Russian mammals. p1123 16 Aug 2002.
- Polyansky, Oleg L. See Callegari, Andrea.
- Pool, Martin R.; Stumm, Joachim; Fulga, Tudor A.; Sinning, Irmgard; Dobberstein, Bernhard: Distinct modes of signal recognition particle interaction with the ribosome. p1345 23 Aug 2002.
- Porfyriakis, Kyriakos. See Assender, Hazel.
- Poulsen, Christopher. See Stott, Lowell.
- Poulton, Richie. See Caspi, Avshalom.
- Powell, Justin. See Aparicio, Samuel.
- Prasanth, Kannanganattu V. See Prasanth, Supriya G.; Prasanth, Supriya G.; Prasanth, Kannanganattu V.; Stillman, Bruce: Orc6 involved in DNA replication, chromosome segregation, and cytokinesis. p1026 9 Aug 2002.
- Predki, Paul. See Aparicio, Samuel.
- Preece, R. C. See Tzedakis, P. C.
- Prettyman, T. H. See Boynton, W. V. See also Feldman, W. C.
- Priddle, Helen. See Okkenhaug, Klaus.
- Pritchard, Joel I. See Berman, David M.
- Pruss, Dmitry. See Aparicio, Samuel.
- Pruyne, David; Evangelista, Marie; Yang, Changsong; Bi, Erfei; Zigmund, Sally; Bretscher, Anthony; Boone, Charles: Role of formins in actin assembly: nucleation and barbed-end association. p612 26 July 2002.
- Putnam, Christopher D. See Kolodner, Richard D.
- Putnam, Nik. See Aparicio, Samuel.
- Pypaert, Marc. See Lee, Eunkyung.
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- Rahbek, Carsten. See Jetz, Walter.
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- Ram, Prahlad T. See Bhalla, Upinder S.
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- Rambukkana, Anura; Zanuzzi, George; Tapinos, Nikos; Salzer, James L.: *Mycobacterium leprae* and demyelination (letter). p1475 30 Aug 2002.
- Random Samples: Afghani role models. p46 5 July 2002. Animal action. p767 2 Aug 2002. Attractive field. p767 2 Aug 2002. Bald discovery. p767 2 Aug 2002. Beauty from Ur. p333 19 July 2002. Beetle breath. p931 9 Aug 2002. Biotech boomtowns. p47 5 July 2002. Brain cell creation spurred in rats. p1474 30 Aug 2002. Brainy answers to stuttering. p931 9 Aug 2002. Cave paintings in jeopardy. p47 5 July 2002. Cetacean beach. p931 9 Aug 2002. China gets old aerial shots. p1803 13 Sep 2002. Chinese think tank. p2205 27 Sep 2002. Cockroach stability. p1643 6 Sep 2002. Comic infringement. p1643 6 Sep 2002. Dead zone grows. p1119 16 Aug 2002. Demographic divide. p1271 23 Aug 2002. Design's evolving image. p1991 20 Sep 2002. Education dreams for 2020. p2205 27 Sep 2002. A face for German bog man. p1271 23 Aug 2002. From simplicity, complexity. p1991 20 Sep 2002. Fruit flies recumbent. p1271 23 Aug 2002. Grazing for butterflies. p767 2 Aug 2002. The happy narcissist. p1474 30 Aug 2002. In me I trust. p189 12 July 2002. In praise of engineering. p333 19 July 2002. Knockout pigs ready for trials. p1643 6 Sep 2002. Lasker awards. p2205 27 Sep 2002. Last word on El Dorado. p333 19 July 2002. Living leaves. p1119 16 Aug 2002. Montagnier's miracle cure? p1803 13 Sep 2002. More theories on Tunguska. p1803 13 Sep 2002. Mouse-free in Singapore. p1119 16 Aug 2002. Move over, Laurentia. p1803 13 Sep 2002. Multiple gene defects found in clones. p1991 20 Sep 2002. Name that clone II. p47 5 July 2002. New stem cell ethics initiative. p189 12 July 2002. NIH gets new alcohol chief. p1991 20 Sep 2002. Old map, new ink? p931 9 Aug 2002. On the edge. p1119 16 Aug 2002. Orchid fracas. p2205 27 Sep 2002. Perfumed nests for Corsican birds. p511 26 July 2002. Pet cancer registry. p189 12 July 2002. Pricey names, pricey salaries. p511 26 July 2002. Prize time again in Kyoto. p47 5 July 2002. Rare captive dolphin dies. p511 26 July 2002. Reassuring words. p1474 30 Aug 2002. Stemming the fin trade. p1474 30 Aug 2002. Sun burp. p189 12 July 2002. Twin scopes linked. p1271 23 Aug 2002. Universe in a grain of sand. p1643 6 Sep 2002. Wasps like us. p333 19 July 2002. Yes, this is art. p511 26 July 2002.

- Rapaport, Beth. See Gruber, Stephen B.
- Rappuoli, Rino; Miller, Henry I.; Falkow, Stanley: The intangible value of vaccination. p937 9 Aug 2002.
- Rash, Sam. See Aparicio, Samuel.
- Rashed, Roshdi: A polymath in the 10th century. p773 2 Aug 2002.
- Raskin, Paul. See Swart, Rob.
- Rasmussen, Nicolas: review of *Designs for Life*, by Soraya de Chadarevian. p2000 20 Sep 2002.
- Ravasaz, E.; Somera, A. L.; Mongru, D. A.; Oltvai, Z. N.; Barabási, A.-L.: Hierarchical organization of modularity in metabolic networks. p1551 30 Aug 2002.
- Raven, P. See Huang, H.
- Raven, Peter H.: Science, sustainability, and the human prospect. p954 9 Aug 2002.
- Raviv, Uri and Klein, Jacob: Fluidity of bound hydration layers. p1540 30 Aug 2002.
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- Raynaud, Dominique. See Morgan, Vin.
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- Reed, Christopher A. See Kim, Kee-Chan.
- Reedy, R. C. See Boynton, W. V. See also Feldman, W. C.
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- Reichhart, Jean-Marc. See Ligoxygakis, Petros.
- Reichmanis, Elsa and Nalamasu, Omkaram: Testing the limits for resists (perspective). p349 19 July 2002.
- Reinert, Knut. See Bailey, Jeffrey A.
- Reinhart, Brenda J. and Bartel, David P.: Small RNAs correspond to centromere heterochromatic repeats. p1831 13 Sep 2002.
- Renner, Rebecca (news): Online pioneer winds up lost in cyberspace. p1468 30 Aug 2002.
- Rennert, Gad. See Gruber, Stephen B.
- Rennert, Hedy. See Gruber, Stephen B.
- Reutt-Robey, Janice. See Thürmer, Konrad.
- Reynolds, Thomas A. See Park, Sangmoon.
- Rialon, Kristy L. See O'Connell, Michael J.
- Riboli, Francesco. See Modugno, Giovanni.
- Ricaurte, George A.; Yuan, Jie; Hatzidimitriou, George; Cord, Brandon J.; McCann, Una D.: Severe dopaminergic neurotoxicity in primates after a common recreational dose regimen of MDMA ("Ecstasy"). p2260 27 Sep 2002.
- Richards, Timothy. See Achar, Frédéric.
- Richardson, Paul. See Aparicio, Samuel.
- Richardson, Stephen H. See Shirey, Steven B.
- Riekel, C. See Pfeiffer, F.
- Riethmüller, S. See Boyen, H.-G.
- Rightmire, G. Philip. See Vekua, Abesalom.
- Rignot, Eric and Thomas, Robert H.: Mass balance of polar ice sheets. p1502 30 Aug 2002.
- Rikkinen, Jouko; Oksanen, Ilona; Lohtander, Katilleena: Lichen guilds share related cyanobacterial symbionts. p357 19 July 2002.
- Risinger, Mary A. See Goss, Kathleen Heppner.
- Rizzo, Thomas R. See Callegari, Andrea.
- Rizzolatti, Giacomo. See Kohler, Evelyne.
- Roach, Jared. See Aparicio, Samuel.
- Roati, Giacomo. See Modugno, Giovanni.
- Robertson, Claudia S. See Castro, Raymond F.
- Robinson, Gene E.: Sociogenomics takes flight (perspective). p204 12 July 2002.
- Robinson, John. See Swart, Rob.
- Rocha, Benedita. See Bourgeois, Christine.
- Roche, Niamh. See Mahdavi, Jafar.
- Rockwell, Theodore. See Chapin, Douglas M.
- Rogers, Michael S. See Browder, Timothy.
- Rodriguez, Mark A. See Nyman, May.
- Rokhsar, Daniel. See Aparicio, Samuel.
- Romijn, Roland A. P. See Huizinga, Eric G.
- Rose, David W. See Li, Xue.
- Rose, M. K. See Mitsui, T.
- Rosendo, Sergio. See Balmford, Andrew.
- Rosenfeld, Daniel; Lahav, Ronen; Khain, Alexander; Pinsky, Mark: The role of sea spray in cleansing air pollution over ocean via cloud processes. p1667 6 Sep 2002.
- Rosenfeld, Michael G. See Li, Xue.
- Rossi, S. See Gui, D.
- Roth, Bryan L. See Gray, John A.
- Roth, George S.; Lane, Mark A.; Ingram, Donald K.; Mattison, Julie A.; Elahi, Dariush; Tobin, Jordan D.; Muller, Denis; Metter, E. Jeffrey: Biomarkers of caloric restriction may predict longevity in humans. p811 2 Aug 2002.
- Rothenberg, Karen H. and Terry, Sharon F.: Before it's too late—addressing fear of genetic information. p196 12 July 2002.
- Roughgarden, Joan. See Balmford, Andrew.
- Rouse, John and Jackson, Stephen P.: Interfaces between the detection, signaling, and repair of DNA damage. p547 26 July 2002.
- Rowen, Lee. See Aparicio, Samuel.
- Rowley, Janet D.; Blackburn, Elizabeth; Gazzaniga, Michael S.; Foster, Daniel W.: Harmful moratorium on stem cell research (editorial). p1957 20 Sep 2002.
- Roy, Rajat. See Weller, Geoffrey R.
- Ruben, Peter C. See Geffeney, Shana.
- Rubinstein, Ellis. See Banda, Enric.
- Rubinstein, Marcelo. See Heisler, Lora K.
- Ruiz, Joaquin. See Kirk, Jason.
- Runfola, M. See Gui, D.
- Ruokolainen, Kalle and Tuomisto, Hanna: Beta-diversity in tropical forests (technical comment). p1439 30 Aug 2002. www.sciencemag.org/cgi/content/full/297/5586/1439a.
- Ruse, Michael: review of *Darwin's Cathedral*, by David Sloan Wilson. p1479 30 Aug 2002.
- Russell, A. F. See Clutton-Brock, T. H.
- Russell, T. P.: Surface-responsive materials. p964 9 Aug 2002.
- Rusydi, A. See Abbamonte, P.
- Ryu, Seungoh. See Brill, Thilo M.

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- Saba, Jack. See Zwally, H. Jay.
- Sabatier, Daniel. See Molino, Jean-François.
- Sachs, Jeffrey D.: review of *Population matters*, by Nancy Birdsall, Allen C. Kelley, and Steven W. Sinding, eds. p341 19 July 2002.
- Sachs, Julian P. See Koutavas, Athanasios.
- Sachs, Matthew S. and Geballe, Adam P.: Sense and sensitivity—controlling the ribosome (perspective). p1820 13 Sep 2002.
- Sadler, J. Evan: Contact—how platelets touch von Willebrand factor (perspective). p1128 16 Aug 2002.
- Sagnella, Giuseppe A. See Splawski, Igor.
- Salditt, T. See Pfeiffer, F.
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- Salomon, Rachelle. See Nguyen, Khuong B.
- Salpekar, Ashreena. See Okkenhaug, Klaus.
- Saltmarsh, M. J. and Shapira, Dan: Questions regarding nuclear emissions in cavitation experiments (technical comment). p1603 6 Sep 2002. www.sciencemag.org/cgi/content/full/297/5587/1603a.
- Salzer, James L. See Rambukkana, Anura.
- Samonte, Rhea V. See Bailey, Jeffrey A.
- Sanchez, Veronica and Spector, Deborah H.: CMV makes a timely exit (perspective). p778 2 Aug 2002.
- Sancho, Sara. See Okkenhaug, Klaus.
- Sanders, Jeremy K. M. See Otto, Sijbren.
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- Sanin, A. See Mitrofanov, I.
- Sansom, Owen J. See Millar, Catherine B.
- Sanz, Maureen M. See Goss, Kathleen Heppner.
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- Satagopan, Jaya. See Gruber, Stephen B.
- Satija, Sushil K. See Lin, Eric K.
- Sattler, Amy M. See Nyman, May.
- Saunders, R. S. See Mitrofanov, I.
- Sawatzky, G. A. See Abbamonte, P.
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- Scarsbrook, Geoffrey A. See Isberg, Jan.
- Schaeffer, Allen: Unfair characterization of industry response (letter). p770 2 Aug 2002.
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- Scheffler, Klaus. See Seifritz, Erich.
- Scheuring, István. See Domokos, Gábor.
- Schilling, Govert (news): Comet chasers get serious. p44 5 July 2002. Comet craft in pieces, astronomers fear. p1253 23 Aug 2002. Hubble successor finds builder and new name. p1978 20 Sep 2002.
- Schiphorst, Marion E. See Huizinga, Eric G.
- Schmid, Benedikt. See Einsle, Oliver.
- Schmid, G. See Boyen, H.-G.
- Schriesheim, Alan. See Chapin, Douglas M.
- Schulte-Merker, Stefan. See Wienholds, Erno.
- Schuppan, Detlef and Hahn, Eckhart G.: Gluten and the gut—lessons for immune regulation (perspective). p2218 27 Sep 2002.
- Schusterman, Ronald J.: review of *Encyclopedia of Marine Mammals*, by William F. Perrin, Bernd Würsig, and J. G. M. Thewissen, eds. p58 5 July 2002.
- Schwartz, Stuart. See Bailey, Jeffrey A.
- Schwarz, Annette Winkel. See Matthiessen, Christian Wichmann.
- ScienceScope: Anthropologists win on Kennewick. p1625 6 Sep 2002. Astropaleontology? p1975 20 Sep 2002. Bailed out. p31 5 July 2002. Banking on stem cells. p1627 6 Sep 2002. Big green donation. p1107 16 Aug 2002. Biodefense buzz. p1109 16 Aug 2002. Blood saga. p173 12 July 2002. Blue laser blues. p2187 27 Sep 2002. Board strikes back. p1257 23 Aug 2002. Bright future. p315 19 July 2002. Britain shifts space cash. p2187 27 Sep 2002. Cloning incision. p29 5 July 2002. Close call for Boehlert. p1977 20 Sep 2002. Contour 2? p1459 30 Aug 2002. Curbing conflicts. p2189 27 Sep 2002. Dependence day. p753 2 Aug 2002. Forgive and take. p497 26 July 2002. Good reviews. p751 2 Aug 2002. Hanging on. p495 26 July 2002. High-priority trio. p1975 20 Sep 2002. Hot decision. p751 2 Aug 2002. Indian oysters. p29 5 July 2002. Insel to head NIMH. p1787 13 Sep 2002. Intramural introspection. p915 9 Aug 2002. It's in the mail. p1461 30 Aug 2002. Mission impossible? p317 19 July 2002. Museum stays. p497 26 July 2002. New hire. p1255 23 Aug 2002. New path for Ph.D.s. p1107 16 Aug 2002. NIMH short list. p497 26 July 2002. No litmus test. p173 12 July 2002. Overseas students scrutinized. p2189 27 Sep 2002. Pasteur loses. p175 12 July 2002. Patent protest. p915 9 Aug 2002. Pleading his innocence. p1109 16 Aug 2002. Pluto or bust? p495 26 July 2002. Ready to rumble. p1787 13 Sep 2002. Rights reconsidered. p1255 23 Aug 2002. Science and Security. p315 19 July 2002. Science cuts coming? p917 9 Aug 2002. Scientific gold mine? p31 5 July 2002. Security risk? p1257 23 Aug 2002. Sensitive meeting. p1459 30 Aug 2002. Space fantasy. p175 12 July 2002. Splitting cells. p1627 6 Sep 2002. Stem cell slowdown. p1461 30 Aug 2002. Stem cells by Intel. p1107 16 Aug 2002. Technically sound test ban. p917 9 Aug 2002. Trickle-down. p753 2 Aug 2002. Unwanted advice? p1977 20 Sep 2002. Venus trip. p317 19 July 2002.
- Scott, James H. See Sharma, Anurag.
- Scott, Karen K. See Gruber, Stephen B.
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- Seayad, A.; Ahmed, M.; Klein, H.; Jackstell, R.; Gross, T.; Beller, M.: Internal olefins to linear

- amines. p1676 6 Sep 2002.
- Secord, J. A.: Quick and magical shaper of science. p1648 6 Sep 2002.
- Seife, Charles (news): CERN team produces antimatter in bulk. p1979 20 Sep 2002. Chemistry casts doubt on bubble reactions. p496 26 July 2002. Crucial cipher flawed, cryptographers claim. p2193 27 Sep 2002. DOE cites competition in killing PubSCIENCE. p1257 23 Aug 2002. Energy panel asks U.S. to rejoin ITER. p1977 20 Sep 2002. Heavy-element fizzle laid to falsified data. p313 19 July 2002. Light touch identifies wisps of rogue DNA. p1462 30 Aug 2002. Medals honor work on linkages and proof. p1253 23 Aug 2002. Moon measurements muddle a model. p916 9 Aug 2002. NSF funds South Pole microwave telescope. p1457 30 Aug 2002. Shadowy 'Weak Force' steps into the light. p184 12 July 2002. Subtle signals in ancient light promise new view of cosmos. p2184 27 Sep 2002. Tevatron sees light at end of tunnel? p757 2 Aug 2002.
- Seife, Charles. See Lawler, Andrew.
- Seifert, Richard. See Michaelis, Walter.
- Seifritz, Erich; Esposito, Fabrizio; Hennel, Franciszek; Mustovic, Henrietta; Neuhoff, John G.; Bilecen, Deniz; Tedeschi, Gioacchino; Scheffler, Klaus; Di Salle, Francesco: Spatiotemporal pattern of neural processing in the human auditory cortex. p1706 6 Sep 2002.
- Seitonen, A. P. See Over, H.
- Selfridge, Jim. See Millar, Catherine B.
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- Selman, Bart. See Gomes, Carla P.
- Sen, Pabitra N. See Brill, Thilo M.
- Seo, Jai Wha. See Kwon, Yong Tae.
- Service, Robert F. (news): Can sensors make a home in the body?. p962 9 Aug 2002. Catalyst boosts hopes for hydrogen bonanza. p2189 27 Sep 2002. Chemists search for solutions. p1795 13 Sep 2002. New lure for young talent: extreme research. p1633 6 Sep 2002. Spintronics innovation bids to bolster bits. p30 5 July 2002. Winning streak brought awe, and then doubt. p34 5 July 2002.
- Shan, Lu; Molberg, Øyvind; Parrot, Isabelle; Hausch, Felix; Filiz, Ferda; Gray, Gary M.; Sollid, Ludvig M.; Khosla, Chaitan: Structural basis for gluten intolerance in celiac sprue. p2275 27 Sep 2002.
- Shankaranarayana, Gurumurthy D. See Hall, Ira M.
- Shapira, Dan. See Saltmarsh, M. J.
- Sharma, Anurag; Scott, James H.; Cody, George D.; Fogel, Marilyn L.; Hazen, Robert M.; Hemley, Russell J.; Huntress, Wesley T.: Are cells viable at gigapascal pressures? (technical comment). p295 19 July 2002. www.sciencemag.org/cgi/content/full/297/5580/295a.
- Sharma, Madhav D. See Munn, David H.
- Sharma, Ratendra. See Cohen, Paul.
- Sharp, Phillip A. See Fairbrother, William G.
- Sharp, Zachary D. See Fischer, Tobias P.
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- Shayesteh, Alireza. See Bernath, Peter F.
- Shearer, Gene M. See Lehner, Thomas.
- Shearer, Peter. See Fialko, Yuri.
- Shelton, James D.: Humility in observational studies (letter). p2208 27 Sep 2002.
- Shen, Ben. See Kwon, Hyung-Jin. See also Liu, Wen.
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- Sherwood, Richard I. See Wagers, Amy J.
- Shi, Wei. See Bockrath, Bradley.
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- Shields, Andrew: Quantum logic with light, glass, and mirrors (perspective). p1821 13 Sep 2002.
- Shine, H. David. See Castro, Raymond F.
- Shine, Kenneth. See Vogelstein, Bert.
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- Shirey, Steven B.; Harris, Jeffrey W.; Richardson, Stephen H.; Fouch, Matthew J.; James, David E.; Cartigny, Pierre; Deines, Peter; Viljoen, Fanus: Diamond genesis, seismic structure, and evolution of the Kaapvaal-Zimbabwe craton. p1683 6 Sep 2002.
- Shlomchik, Mark J. See William, Jacqueline.
- Sholl, David S. See Bockrath, Bradley.
- Shouse, Ben (news): Report takes stock of knowns and unknowns. p2191 27 Sep 2002.
- Shu, Jinfu. See Mao, Wendy L.
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- Sigel, R.; Fytas, G.; Vainos, N.; Pispas, S.; Hadjichristidis, N.: Pattern formation in homogeneous polymer solutions induced by a continuous-wave visible laser. p67 5 July 2002.
- Siggia, Eric D. See Elowitz, Michael B.
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- Sinning, Irmgard. See Pool, Martin R.
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- Slack, Jonathan: review of *Making Sense of Life*, by Evelyn Fox Keller. p1813 13 Sep 2002.
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- Smith, Barry E.: Nitrogenase reveals its inner secrets (perspective). p1654 6 Sep 2002.
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- Smith, Jesse; Stone, Richard; Fahrenkamp-Uppenbrink, Julia (news): Trouble in polar paradise. p1489 30 Aug 2002.
- Smith, Sarah F. See Aparicio, Samuel.
- Smith, Wyatt C. See Kwon, Hyung-Jin.
- Snow, Melanie; Cox, Shae-Lee; Jenkin, Graham; Trounson, Alan; Shaw, Jillian: Generation of live young from xenografted mouse ovaries. p2227 27 Sep 2002.
- Socci, Nicholas D. See Cohen, Paul.
- Sogo, José M.; Lopes, Massimo; Foiani, Marco: Fork reversal and ssDNA accumulation at stalled replication forks owing to checkpoint defects. p599 26 July 2002.
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- Somera, A. L. See Ravasz, E.
- Sondén, Berit. See Mahdavi, Jafar.
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- Soukas, Alexander A. See Cohen, Paul.
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- Spatz, J. P. See Boyen, H.-G.
- Spector, Deborah H. See Sanchez, Veronica.
- Spielmann, Ch. See Kienberger, R.
- Spinks, Geoffrey M. See Lu, Wen.
- Splawski, Igor; Timothy, Katherine W.; Tateyama, Michihiro; Clancy, Colleen E.; Malhotra, Alka; Beggs, Alan H.; Cappuccio, Francesco P.; Sagnella, Giuseppe A.; Kass, Robert S.; Keating, Mark T.: Variant of SCN5A sodium channel implicated in risk of cardiac arrhythmia. p1333 23 Aug 2002.
- Squire, Alexander. See Chapin, Douglas M.
- Squyres, S. W. See Boynton, W. V. See also Feldman, W. C.
- Staffa, Alfredo. See Ahlert, Joachim.
- Stallman, Richard: Are U.S. patents too broad? (letter). p336 19 July 2002.
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- Standage, Scott. See Liu, Wen.
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- Starr, R. See Boynton, W. V.
- Stebbins, Jonathan F.: Dynamics in ceramics (perspective). p1285 23 Aug 2002.
- Stechmann, Alexandra and Cavalier-Smith, Thomas: Rooting the eukaryote tree by using a derived gene fusion. p89 5 July 2002.
- Steffen, Konrad. See Zwally, H. Jay.
- Steig, Eric J. See Moritz, Richard E.
- Stein, Bruce A.; Master, Lawrence L.; Morse, Larry E.: Taxonomic bias and vulnerable species (letter). p1807 13 Sep 2002.
- Stein, Donald G.: Stem cells and neurological disorders (letter). p1807 13 Sep 2002.
- Stenseth, Nils Chr.; Mysterud, Atle; Ottersen, Geir; Hurrell, James W.; Chan, Kung-Sik; Lima, Mauricio: Ecological effects of climate fluctuations (perspective). p1292 23 Aug 2002.
- Stewart, Abigail. See Wetthey, Frank R.
- Stibig, Hans-Jürgen. See Achard, Frédéric.
- Stillman, Bruce. See Prasanth, Supriya G.
- Stocker, Thomas F.: North-South connections (perspective). p1814 13 Sep 2002.
- Stokstad, Erik (news): Biology departments urged to bone up. p1789 13 Sep 2002. Data dilemma: stow it, or kiss it goodbye. p181 12 July 2002. Engineered fish: friend or foe of the environment? p1797 13 Sep 2002. Environmental impact seen as biggest risk. p1257 23 Aug 2002. Fossil bird from China turns tail, spills guts. p495 26 July 2002. Million-dollar plums for teaching biology. p2190 27 Sep 2002. Rescue planned for seed banks. p1625 6 Sep 2002. Violent effects of abuse tied to gene. p752 2 Aug 2002.
- Stokstad, Erik. See Mervis, Jeffrey.
- Stone, Alexander (news): U.S. research on sedatives in combat sets off alarms. p764 2 Aug 2002.
- Stone, Henry E. See Chapin, Douglas M.
- Stone, Richard (news): Armenia gears up for synchrotron. p318 19 July 2002. Belgrade lab sets new course after top-secret uranium grab. p1456 30 Aug 2002. Data treasures of the test ban treaty. p41 5 July 2002. Feeling the pulse of modern Arctic life. p1493 30 Aug 2002. New findings allay concerns over depleted uranium. p1801 13 Sep 2002. Peering into the shadows: Iraq's bio-weapons program. p1110 16 Aug 2002. Radioecology's coming of age—or its last gasp? p1800 13 Sep 2002. Report urges U.K. to vaccinate herds. p319 19 July 2002. U.S. visa crackdown disrupts meetings. p1259 23 Aug 2002.
- Stone, Richard. See Smith, Jesse.
- Storb, Ursula. See Fu, Yang-Xin.
- Stott, Lowell; Poulsen, Christopher; Lund, Steve; Thunell, Robert: Super ENSO and global climate oscillations at millennial time scales. p222 12 July 2002.
- Strano, Michael S. See O'Connell, Michael J.
- Straughen, Joel E. See Goss, Kathleen Heppner.
- Strey, Helmut H. See Nykpanchuk, Dmytro.
- Strittmatter, Stephen M. See Liu, Betty P.
- Strobel, Gary: Collecting biological materials (letter). p519 26 July 2002.
- Strongin, Alex. See Gu, Zezong.
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- Stucke, Volker M. See Martin-Lluesma, Silvia.
- Stumm, Joachim. See Pool, Martin R.
- Stupka, Elia. See Aparicio, Samuel.

- Subramanian, M. A. and Manzer, L. E.: A "greener" synthetic route for fluoroaromatics via copper (II) fluoride. p1665 6 Sep 2002.
- Sudbery, Peter: When Wee meets Whi (perspective). p351 19 July 2002.
- Südhof, Thomas C. See Biederer, Thomas.
- Sun, Linus D. See Nakazawa, Kazu.
- Sun, Yutong. See Yang, Haijuan.
- Sundberg, Christopher D. See Jain, Meenakshi.
- Sutherland, R. See House, M. A.
- Suzuki, Y. See Yuasa, S.
- Svenning, J.-C. See Duivenvoorden, J. F.
- Swain, Peter S. See Elowitz, Michael B.
- Swart, Rob; Raskin, Paul; Robinson, John: Critical challenges for sustainability science (letter). p1994 20 Sep 2002.
- Szymanski, P. See Miller, A. D.
- T, U, and V**
- Taberlet, Pierre and Cheddadi, Rachid: Quaternary refugia and persistence of biodiversity (perspective). p2009 20 Sep 2002.
- Taggart, Andrew K. P.; Teng, Shu-Chun; Zakian, Virginia A.: Est1p as a cell cycle-regulated activator of telomere-bound telomerase. p1023 9 Aug 2002.
- Taipale, Jussi. See Berman, David M.
- Takahashi, Noriko; Kishimoto, Takuya; Nemoto, Tomomi; Kadowaki, Takashi; Kasai, Haruo: Fusion pore dynamics and insulin granule exocytosis in the pancreatic islet. p1349 23 Aug 2002.
- Takiff, Larry. See Marshall, John L.
- Taleyarkhan, R. P.; Block, R. C.; West, C. D.; Lahey, R. T., Jr.: Tabletop fusion revisited (letter). p1645 6 Sep 2002.
- Taleyarkhan, R. P.; Block, R. C.; West, C. D.; Lahey, R. T., Jr.: Questions regarding nuclear emissions in cavitation experiments (technical comment). p1603 6 Sep 2002. www.sciencemag.org/cgi/content/full/297/5587/1603a.
- Tamarat, Philippe. See Boyer, David.
- Tan, Man-Wah. See Kim, Dennis H.
- Tan, Y. H. See Aparicio, Samuel.
- Tanaka-Hino, Miho. See Kim, Dennis H.
- Tanchot, Corinne. See Bourgeois, Christine.
- Tang, Jian; Xu, Yunjie; McKellar, A. R. W.; Jäger, Wolfgang: Quantum solvation of carbonyl sulfide with helium atoms. p2030 20 Sep 2002.
- Tang, Qisheng. See Ajayi, Thomas.
- Tang, Zhiyong; Kotov, Nicholas A.; Giersig, Michael: Spontaneous organization of single CdTe nanoparticles into luminescent nanowires. p237 12 July 2002.
- Taniguchi, Toshiyasu. See Howlett, Niall G.
- Tapinos, Nikos. See Rambukkana, Anura.
- Tappen, Martha. See Vekua, Abesalom.
- Tarucha, S. See Ono, K.
- Tateyama, Michihiro. See Splawski, Igor.
- Tatro, Jeffrey B. See Heisler, Lora K.
- Tavtigian, Sean V. See Aparicio, Samuel.
- Tay, Alice. See Aparicio, Samuel.
- Taylor, Alan. See Caspi, Avshalom.
- Taylor, G. J. See Boynton, W. V.
- Taylor, Jason. See Pappu, Ravikanth.
- Taylor, John J. See Chapin, Douglas M.
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- Tecott, Laurence H. See Heisler, Lora K.
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- Telfer, Stephen J. See Marshall, John L.
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- Teng, Grace. See Volpe, Thomas A.
- Teng, Shu-Chun. See Taggart, Andrew K. P.
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- Terborgh, John. See Chave, Jérôme.
- Tereshchuk, Keith. See Bernath, Peter F.
- Terrones, M. See Ajayan, P. M.
- Terry, Sharon F. See Rothenberg, Karen H.
- Tessitore, Alessandro. See Hariri, Ahmad R.
- Teuscher, Cory. See Ma, Runlin Z.
- Tezcan, F. Akif. See Einsle, Oliver.
- Tham, Fook. See Kim, Kee-Chan.
- Theulé, Patrice. See Callegari, Andrea.
- Thiel, Volker. See Michaelis, Walter.
- Thomä, Nicolas H. See Yang, Haijuan.
- Thomas, Robert H. See Rignot, Eric.
- Thompson, Jon. See Baird, Patricia.
- Thorson, Jon S. See Ahlert, Joachim.
- Thunell, Robert. See Stott, Lowell.
- Thürmer, Konrad; Williams, Ellen; Reutt-Robey, Janice: Autocatalytic oxidation of lead crystallite surfaces. p2033 20 Sep 2002.
- Tickell, Crispin: Communicating climate change (editorial). p737 2 Aug 2002.
- Tijet, N. See Daborn, P. J.
- Tilgner, Erich: Mantophasmatodea: a new insect order? (technical comment). p731 9 Aug 2002. www.sciencemag.org/cgi/content/full/297/5586/731a.
- Timothy, Katherine W. See Splawski, Igor.
- Tirrell, Matthew. See Maeda, Nobuo.
- Tobin, Jordan D. See Roth, George S.
- Todreas, Neil E. See Chapin, Douglas M.
- Tokar, R. See Boynton, W. V.
- Tokar, R. L. See Feldman, W. C.
- Tokura, Y. See Ono, K.
- Tolchenov, Roman N. See Callegari, Andrea.
- Tomberli, B. See Tulk, C. A.
- Tomishige, Michio; Klopfenstein, Dieter R.; Vale, Ronald D.: Conversion of Unc104/KIF1A kinesin into a processive motor after dimerization. p2263 27 Sep 2002.
- Tomsho, Lynn P. See Gruber, Stephen B.
- Tonegawa, Susumu. See Nakazawa, Kazu.
- Tonkin, Louise M. See Weller, Geoffrey R.
- Trainor, Paul and Krumlauf, Robb: Riding the crest of the Wnt signaling wave (perspective). p781 2 Aug 2002.
- Trathan, P. N. See Croxall, J. P.
- Tret'yakov, V. See Mitrofanov, I.
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- Trinh, Maxine. See Jain, Meenakshi.
- Trinck, Brian C. See Lin, Eric K.
- Triunfol, Marcia L.: review of *The Fever Trail*, by Mark Honigsbaum. p342 19 July 2002.
- Trombka, J. I. See Boynton, W. V.
- Trounson, Alan. See Snow, Melanie.
- Truitt, William A. and Coolen, Lique M.: Identification of a potential ejaculation generator in the spinal cord. p1566 30 Aug 2002.
- Trumper, Kate. See Balmford, Andrew.
- Tsuji, Shizuko. See Huizinga, Eric G.
- Tsuru, Tetsuro. See Park, Jin-Oh.
- Tsuruda, Pamela. See Whistler, Jennifer L.
- Tulk, C. A.; Benmore, C. J.; Urquidi, J.; Klug, D. D.; Neufeind, J.; Tomberli, B.; Egelstaff, P. A.: Structural studies of several distinct metastable forms of amorphous ice. p1320 23 Aug 2002.
- Tung, Kenneth S. K. See Ma, Runlin Z.
- Tuomisto, Hanna. See Ruokolainen, Kalle.
- Turner, Glenn C. See Perez-Orive, Javier.
- Turner, R. Kerry. See Balmford, Andrew.
- Turner, Suzanne M. See Chuck, Adele L.
- Tvalchrelidze, Merab. See Vekua, Abesalom.
- Twitchen, Daniel J. See Isberg, Jan.
- Tyers, Mike. See Jorgensen, Paul.
- Tzedakis, P. C.; Lawson, I. T.; Frogley, M. R.; Hewitt, G. M.; Preece, R. C.: Buffered tree population changes in a quaternary refugium: evolutionary implications. p2044 20 Sep 2002.
- Uchida, S. See Blumberg, G. See also Hoffman, J. E.
- Uglow, Jenny: review of *Embryos in Wax*, by Nick Hopwood. p1651 6 Sep 2002.
- Uiberacker, M. See Kienberger, R.
- Ulrich, Kai-Uwe. See Furrer, Gerhard.
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- Vainos, N. See Sigel, R.
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- Vanhaesebroeck, Bart. See Okkenhaug, Klaus.
- Varshavsky, Alexander. See Kwon, Yong Tae.
- Vaux, David L. See Kumar, Sharad.
- Vekua, Abesalom; Lordkipanidze, David; Rightmire, G. Philip; Agusti, Jordi; Ferring, Reid; Mairadze, Givi; Mouskhelishvili, Alexander; Nioradze, Medea; de Leon, Marcia Ponce; Tappen, Martha; Tvalchrelidze, Merab; Zollikofer, Christoph: A new skull of early *Homo* from Dmanisi, Georgia. p85 5 July 2002.
- Velculescu, Victor E. See Yan, Hai.
- Venema, L. See Abbamonte, P.
- Venkatesh, Byrappa. See Aparicio, Samuel.
- Verdes, D. See Linnartz, H.
- Verhoef, Frans. See Aparicio, Samuel.
- Veríssimo, Adalberto; Cochrane, Mark A.; Souza, Carlos, Jr.: National forests in the Amazon. p1478 30 Aug 2002.
- Vigilant, Linda: review of *Mapping Human History*, by Steve Olson. p775 2 Aug 2002.
- Viljoen, Fanus. See Shirey, Steven B.
- Visbeck, Martin: The ocean's role in Atlantic climate variability (perspective). p2223 27 Sep 2002.
- Vogel, Gretchen (news): Coulston chimps head to retirement. p2191 27 Sep 2002. Framework and stem cells: the fight goes on. p1784 13 Sep 2002. Labs spared as climate change gets top billing. p1256 23 Aug 2002. Missed mutants help identify organ tailors. p328 19 July 2002. Pioneering stem cell bank will soon be open for deposits. p1784 13 Sep 2002. Regulations constrain stem cell research across the globe. p924 9 Aug 2002. Stem cells not so stealthy after all. p175 12 July 2002. Tough stance on stem cell, DNA claims. p754 2 Aug 2002.
- Vogel, Gretchen. See Holden, Constance.
- Vogelstein, Bert. See Yan, Hai.
- Vogelstein, Bert; Alberts, Bruce; Shine, Kenneth: Calling it something other than cloning (letter). p51 5 July 2002.
- Volpe, Thomas A.; Kidner, Catherine; Hall, Ira M.; Teng, Grace; Grewal, Shiv I. S.; Martienssen, Robert A.: Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi. p1833 13 Sep 2002.
- von Zastrow, Mark. See Whistler, Jennifer L.
- Vorburger, Stephan A. See Hunt, Kelly K.
- W**
- Wadström, Torkel. See Mahdavi, Jafar.
- Wager, John F. See Park, Sangmoon.
- Wagers, Amy J.; Sherwood, Richard I.; Christensen, Julie L.; Weissman, Irving L.: Little evidence for developmental plasticity of adult hematopoietic stem cells. p2256 27 Sep 2002.
- Wagner, Markus. See Muranyi, Walter.
- Waisfisz, Quinten. See Howlett, Niall G.
- Walderrich, Brigitte. See Wienholds, Erno.
- Walker, James A. See Fischer, Tobias P.
- Wallace, Gordon G. See Lu, Wen.
- Wallerstein, Mitchel B.: Science in an age of terrorism (editorial). p2169 27 Sep 2002.
- Wallis, T. M. See Nilius, N.
- Walsh, Christopher A. See Chenn, Anjen.
- Walsh, M. P. See Harman, T. C.
- Walshe, John. See Kirk, Jason.
- Wang, C. P.; Liu, X. J.; Ohnuma, I.; Kainuma, R.; Ishida, K.: Formation of immiscible alloy powders

- with egg-type microstructure. p990 9 Aug 2002.
- Wang, Hongmin. *See* Yu, Seong-Woon.
- Wang, Jun; Hamilton, John I.; Carter, Mark S.; Li, Shulin; Wilkinson, Miles F.: Alternatively spliced TCR mRNA induced by disruption of reading frame. p108 5 July 2002.
- Wang, Lixing. *See* He, Qiyang.
- Wänke, H. *See* Boynton, W. V.
- Watanabe, Masahiko. *See* Nakazawa, Kazu.
- Watanabe, Takeshi. *See* Ma, Runlin Z.
- Waterfield, Michael D. *See* Okkenhaug, Klaus.
- Watford, Wendy T. *See* Nguyen, Khuong B.
- Watkins, D. Neil. *See* Berman, David M.
- Weaver, Meredith A. *See* Henry, Michelle R.
- Webster, Paul (news): Agreement unlocks loan for TB and AIDS treatment in Russia. p170 12 July 2002. Bid to save Kamchatka's wildlife. p1787 13 Sep 2002.
- Weigl, F. *See* Boyen, H.-G.
- Weinberger, Daniel R. *See* Hariri, Ahmad R.
- Weinkauff, Sevil. *See* Hunt, John F.
- Weinstein, I. Bernard: Addiction to oncogenes—the Achilles heal of cancer (perspective). p63 5 July 2002.
- Weir, Alex A. S.; Chappell, Jackie; Kacelnik, Alex: Shaping of hooks in new Caledonian crows. p981 9 Aug 2002.
- Weisman, R. Bruce. *See* O'Connell, Michael J.
- Weiss, Giselle (news): Acrylamide in food: uncharted territory. p27 5 July 2002.
- Weiss, Robin A.: review of *Hepatitis B*, by Baruch S. Blumberg. p2213 27 Sep 2002.
- Weissman, Irving L. *See* Wagers, Amy J.
- Weisz, Ora A. *See* Lee, Eunkyung.
- Weller, Geoffrey R.; Kysela, Boris; Roy, Rajat; Tonkin, Louise M.; Scanlan, Elizabeth; Della, Marina; Devine, Susanne Krogh; Day, Jonathan P.; Wilkinson, Adam; di Fagagna, Fabrizio d'Adda; Devine, Kevin M.; Bowater, Richard P.; Jeggo, Penny A.; Jackson, Stephen P.; Doherty, Aidan J.: Identification of a DNA nonhomologous end-joining complex in bacteria. p1686 6 Sep 2002.
- Wenk, Markus R. *See* Lee, Eunkyung.
- West, C. D. *See* Taleyarkhan, R. P. *See also* Taleyarkhan, R. P.
- West, Peyton M. and Packer, Craig: Sexual selection, temperature, and the lion's mane. p1339 23 Aug 2002.
- Westerwalbesloh, Th. *See* Kienberger, R.
- Wetthey, Frank R.; Hawkins, Steve F. C.; Stewart, Abigail; Luzio, J. Paul; Howard, Jonathan C.; Jackson, Antony P.: Controlled elimination of clathrin heavy-chain expression in DT40 lymphocytes. p1521 30 Aug 2002.
- Whistler, Jennifer L.; Enquist, Johan; Marley, Aaron; Fong, Jamie; Gladher, Fredrik; Tsuruda, Pamela; Murray, Stephen R.; von Zastrow, Mark: Modulation of postendocytic sorting of G protein-coupled receptors. p615 26 July 2002.
- White, James D. *See* Otto, Angelika.
- White, Kevin P. *See* Arbeitman, Michelle N.
- Whitehead, Andrew J. *See* Isberg, Jan.
- Whitwam, Ross E. *See* Ahlert, Joachim.
- Wickelgren, Ingrid (news): Animal studies raise hopes for spinal cord repair. p178 12 July 2002.
- Enzyme might relieve research headache. p1976 20 Sep 2002. NINDS delves into drug development. p180 12 July 2002.
- Widdel, Friedrich. *See* Michaelis, Walter.
- Wieland, M. *See* Kienberger, R.
- Wienholds, Erno; Schulte-Merker, Stefan; Walderich, Brigitte; Plasterk, Ronald H. A.: Target-selected inactivation of the zebrafish *rag1* gene. p99 5 July 2002.
- Wigzell, Hans. *See* Banda, Enric.
- Wikström, Tobias. *See* Isberg, Jan.
- Wilkinson, Adam. *See* Weller, Geoffrey R.
- Wilkinson, Miles F. *See* Wang, Jun.
- Willett, Walter: review of *Food Politics*, by Marion Nestle. p198 12 July 2002.
- William, Jacqueline; Euler, Chad; Christensen, Sean; Shlomchik, Mark J.: Evolution of autoantibody responses via somatic hypermutation outside of germinal centers. p2066 20 Sep 2002.
- Williams, Ellen. *See* Thürmer, Konrad.
- Williams, John Michael: Form, function, and the flight of the pterosaur (letter). p2207 27 Sep 2002.
- Williams, Kevin Jon: Atherosclerosis and inflammation (letter). p521 26 July 2002.
- Williamson, M. S. *See* Denholm, I.
- Willson, C. Grant. *See* Lin, Eric K.
- Wilson, John H. and Elledge, Stephen J.: BRCA2 enters the fray (perspective). p1822 13 Sep 2002.
- Wilson, Kenneth. *See* Moore, Sarah L.
- Wilson, Matthew A. *See* Nakazawa, Kazu.
- Wilson, Rachel I. *See* Perez-Orive, Javier.
- Wilson, T. G. *See* Daborn, P. J.
- Wimmer, Eckard. *See* Cello, Jeronimo.
- Withgott, Jay (news): Birds spy on neighbors to choose nest sites. p1107 16 Aug 2002. Cool cats lose out in the mane event. p1255 23 Aug 2002.
- Witt, Emily and Ashworth, Alan: D-Day for BRCA2 (perspective). p534 26 July 2002.
- Wolfe, Bertram. *See* Chapin, Douglas M.
- Wong, Marie. *See* Aparicio, Samuel.
- Wooden, Joseph L. *See* Byerly, Gary R.
- Wolf, Clifford J. and Bloechlinger, Stefan: It takes more than two to Nogo (perspective). p1132 16 Aug 2002.
- Woon, Suenor. *See* Morgan, Vin.
- Wootton, Jackie. *See* Carter, George M.
- Wray, Gregory A. *See* Abouheif, Ehab.
- Wright, Kenneth P., Jr. and Czeisler, Charles A.: Absence of circadian phase resetting in response to bright light behind the knees. p571 26 July 2002.
- Wright, S. J. *See* Duivenvoorden, J. F.
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- Xie, Xiaogang. *See* Byerly, Gary R.
- Xie, Zhixin. *See* Llave, Cesar.
- Xu, Yunjie. *See* Tang, Jian.
- Yan, Boxu. *See* Gu, Zezong.
- Yan, Hai; Yuan, Weishi; Velculescu, Victor E.; Vogelstein, Bert; Kinzler, Kenneth W.: Allelic variation in human gene expression. p1143 16 Aug 2002.
- Yang, Changsong. *See* Pruyne, David.
- Yang, Haijuan; Jeffrey, Philip D.; Miller, Julie; Kinnucan, Elspeth; Sun, Yutong; Thomä, Nicolas H.; Zheng, Ning; Chen, Phang-Lang; Lee, Wen-Hwa; Pavletich, Nikola P.: BRCA2 function in DNA binding and recombination from a BRCA2-DSS1-ssDNA structure. p1837 13 Sep 2002.
- Yang, Huanwang. *See* Benoff, Brian.
- Yang, Lin and Huang, Huey W.: Observation of a membrane fusion intermediate structure. p1877 13 Sep 2002.
- Yang, Yuhong. *See* He, Qiyang.
- Yanofsky, Charles. *See* Gong, Feng.
- Yayanos, A. Aristides: Are cells viable at gigapascal pressures? (technical comment). p295 19 July 2002. www.sciencemag.org/cgi/content/full/297/5580/295a.
- Yeckel, Mark F. *See* Nakazawa, Kazu.
- Yeh, Ru-Fang. *See* Fairbrother, William G.
- Yen, J. L. *See* Daborn, P. J.
- Yoon, Suk-jin and Lee, Young-Wook: An aligned stream of low-metallicity clusters in the halo of the Milky Way. p578 26 July 2002.
- Yordan, Cristy. *See* Gendrel, Anne-Valérie.
- Yoshida, Mika. *See* Einsle, Oliver.
- Young, A. J. *See* Clutton-Brock, T. H.
- Young, Michael A. *See* Marshall, John L.
- Yu, Joanne L. *See* Kerbel, Robert S.
- Yu, Seong-Woon; Wang, Hongmin; Poitras, Marc F.; Coombs, Carmen; Bowers, William J.; Federoff, Howard J.; Poirier, Guy G.; Dawson, Ted M.; Dawson, Valina L.: Mediation of poly(ADP-ribose) polymerase-1-dependent cell death by apoptosis-inducing factor. p259 12 July 2002.
- Yuan, Jie. *See* Ricaurte, George A.
- Yuan, Weishi. *See* Yan, Hai.
- Yuasa, S.; Nagahama, T.; Suzuki, Y.: Spin-polarized resonant tunneling in magnetic tunnel junctions. p234 12 July 2002.
- Zachary, James F. *See* Ma, Runlin Z.
- Zakhidov, Anvar A. *See* Baughman, Ray H.
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- Zamore, Phillip D. *See* Hutvágner, György.
- Zandbergen, H. W. *See* Khalifah, P.
- Zanuzzi, George. *See* Rambukkana, Anura.
- Zazopoulos, Emmanuel. *See* Ahlert, Joachim.
- Zebroski, Edwin L. *See* Chapin, Douglas M.
- Zecchina, R. *See* Mézard, M.
- Zeelen, Johan. *See* Kühlbrandt, Werner.
- Zhang, Chen-Yu. *See* Bachman, Eric S.
- Zhang, R. Q. *See* Lifshitz, Y.
- Zhao, Yusheng. *See* Mao, Wendy L.
- Zharkikh, Andrey. *See* Aparicio, Samuel.
- Zheng, Ning. *See* Yang, Haijuan.
- Zheng, Weimin. *See* Gutfreund, Yoram.
- Zhou, Dezhi. *See* Lu, Wen.
- Zhou, X. T. *See* Lifshitz, Y.
- Ziemann, P. *See* Boyen, H.-G.
- Zigmond, Sally. *See* Pruyne, David.
- Zimmer, Mindy M. *See* Fischer, Tobias P.
- Zobov, Nikalái F. *See* Callegari, Andrea.
- Zollikofer, Christoph. *See* Vekua, Abesalom.
- Zwally, H. Jay; Abdalati, Waleed; Herring, Tom; Larson, Kristine; Saba, Jack; Steffen, Konrad: Surface melt-induced acceleration of Greenland ice-sheet flow. p218 12 July 2002.