

# Author Index Volume 280

## April–June 1998

### A and B

- AAAS News & Notes: AAAS annual election: preliminary announcement. p2143 26 June 1998. AAAS annual election: slate of candidates. p2144 26 June 1998. AAAS Board offers Congress a vision for S&T. p1461 29 May 1998. Budget battles: where does R&D stand? p1460 29 May 1998. A call to end second guessing of scientists. p614 24 Apr 1998. Distinguished lecture series marks AAAS anniversary. p1463 29 May 1998. EPA fellows program expanded. p2143 26 June 1998. First Revelle Fellow explores opportunities in Washington. p2143 26 June 1998. Forum to examine American attitudes on genetically altered food. p614 24 Apr 1998. Report of the 1998 Council meeting. p1462 29 May 1998. Resolution on Comprehensive Test Ban Treaty. p1463 29 May 1998. Resolution on Science and Technology Counselors at U.S. embassies. p1463 29 May 1998. Reviewers sought for science journalism awards. p1462 29 May 1998. Science Journalism Award's bolstered. p1461 29 May 1998.
- Aaltonen, Lauri A. *See* Howe, James R.
- Abbas, Abul K. *See* Van Parijs, Luk.
- Abelson, John. *See* Li, Hong.
- Adams, Allan. *See* Jackman, Rebecca J.
- Adams, Edward E. *See* Priscu, John C.
- Adams, Mark D. *See* Venter, J. Craig.
- Adamson, Arthur W.: The gentle force of entropy (letter). p655 1 May 1998.
- Adkins, Jess F.; Cheng, Hai; Boyle, Edward A.; Druffel, Ellen R. M.; Edwards, R. Lawrence: Deep-sea coral evidence for rapid change in ventilation of the deep North Atlantic 15,400 years ago. p725 1 May 1998.
- Adoutte, André. *See* Balavoine, Guillaume.
- Adrian, Jonathan M.; Fortey, Richard A.; Westrop, Stephen R.: Post-Cambrian trilobite diversity and evolutionary faunas. p1922 19 June 1998.
- Agee, C. B. *See* Shannon, M. C.
- Agnew, Bruce (news): Biology by design: from software to skin. p1517 5 June 1998. NIH plans bioengineering initiative. p1516 5 June 1998. Taiwan trolls for U.S. firms to help it create an industry. p1190 22 May 1998.
- Agosto, Moises; Allan, Jon; Benson, Constance; Berger, Edward A.; Blumenthal, Robert; Burton, Dennis; Clements, Janice; Coffin, John; Connor, Ruth; Cullen, Bryan; Desrosiers, Ronald; Dimitrov, Dimiter; Doms, Robert; Emerman, Michael; Feinberg, Mark; Fultz, Patricia; Gerard, Craig; Gonsalves, Gregg; Haase, Ashley; Haigwood, Nancy; Hirsch, Vanessa; Ho, David; Hoxie, James A.; Hu, Shiu-Lok; Hunter, Eric; Johnson, Philip; Kawata, Paul; Akio; Korber, Bette; Kuiken, Carla; Learn, Gerald H.; Leitner, Thomas; Lewis, George; Link, Derek; Luban, Jeremy; Luzuriaga, Katherine; Malim, Michael; Marx, Preston; McCune, J. M.; Montefiori, David; Moore, John; Morrow, Casey; Mosier, Donald; Muesing, Mark; Nixon, Douglas; Nunberg, Jack; Overbaugh, Julie; Parren, Paul; Planelles, Vincente; Pope, Melissa; Posnett, David N.; Siliciano, Robert; Steinman, Ralph; Stevenson, Mario; Swanstrom, Ronald; Walker, Bruce D.; Wolinsky, Steven; Zingale, Daniel: AIDS vaccine development (letter). p803 8 May 1998.
- Ahmad, Iqbal. *See* Eudy, James D.
- Ahn, Natalie G. *See* Duesbery, Nicholas S.
- Aizawa, Shin-Ichi. *See* Kubori, Tomoko.
- Akhter, Shahab A.; Luttrell, Louis M.; Rockman, Howard A.; Iaccarino, Guido; Lefkowitz, Robert J.; Koch, Walter J.: Targeting the receptor-G<sub>q</sub> interface to inhibit in vivo pressure overload myocardial hypertrophy. p574 24 Apr 1998.
- Aksyuk, V.; Balakirev, F. F.; Boebinger, G. S.; Gammel, P. L.; Haddon, R. C.; Bishop, D. J.: Micro-mechanical "trampoline" magnetometers for use in large pulsed magnetic fields. p720 1 May 1998.
- Allan, Jon. *See* Agosto, Moises.
- Allègre, Claude J. *See* Kunz, Joachim.
- Allison, David B. *See* Comuzzie, Anthony G.
- Alper, Joseph (news): Ecosystem 'engineers' shape habitats for other species. p1195 22 May 1998. Navigating Chernobyl's deadly maze. p826 8 May 1998. Smithsonian field station gets the boot. p1340 29 May 1998.
- Alroy, John: Cope's rule and the dynamics of body mass evolution in North American fossil mammals. p731 1 May 1998.
- Alt, Frederick W. *See* Irving, Bryan A.
- Altare, Frédéric. *See* de Jong, Rolien.
- ; Durandy, Anne; Lammass, David; Emile, Jean-François; Lamhamedi, Salma; Le Deist, Françoise; Drysdale, Pam; Jouanguy, Emmanuelle; Döffinger, Rainer; Bernaudin, Françoise; Jeppson, Olle; Gollob, Jared A.; Meinl, Edgar; Segal, Antony W.; Fischer, Alain; Kumararatne, Dinakantha; Casanova, Jean-Laurent: Impairment of mycobacterial immunity in human interleukin-12 receptor deficiency. p1432 29 May 1998.
- Alvarez, Marcos M. *See* Chen, Shaowei.
- Anderson, Gary B. and Seidel, George E.: Cloning for profit. p1400 29 May 1998.
- Anderson, J. D.; Schubert, G.; Jacobson, R. A.; Lau, E. L.; Moore, W. B.; Sjogren, W. L.: Distribution of rock, metals, and ices in Callisto. p1573 5 June 1998.
- Anderson, Kristin A. *See* Westphal, Ryan S.
- Anderson, Roy. *See* Gupta, Sunetra.
- Anderson, Thomas. *See* Griffiths, Ian.
- Andreev, Olga. *See* Bowen, David.
- Antia, Meher (news): Neutron stars spin out gravity waves. p1835 19 June 1998. Ready for takeoff, antimatter experiment takes some flak. p1339 29 May 1998.
- Antonsson, Bruno. *See* Camps, Montserrat.
- Aota, Shin-ichi. *See* Tamura, Masahito.
- Apple, Raymond J. *See* Frenkel, Lisa M.
- Apriletti, James W. *See* Feng, Weijun.
- Aravind, L. and Koonin, E. V.: Second family of histone deacetylases (technical comment). p1167 22 May 1998. [www.sciencemag.org/cgi/content/full/280/5367/1167a](http://www.sciencemag.org/cgi/content/full/280/5367/1167a)
- Archuleta, Ralph J. *See* Oglesby, David D.
- Arkininstall, Steve. *See* Camps, Montserrat.
- Armstrong, Clay: The vision of the pore. p56 3 Apr 1998.
- Arnsten, Amy F. T.: The biology of being frazzled. p1711 12 June 1998.
- Asbrand, Christian. *See* Behrens, Jürgen.
- Attardi, Domenica Gandini. *See* Fabbri, Stefania.
- Aubin, H.; Behnia, K.; Ooi, S.; Tamegai, T.: Quasi-particles and thermal conductivity (technical comment). p11 3 Apr 1998. [www.sciencemag.org/cgi/content/full/280/5360/11a](http://www.sciencemag.org/cgi/content/full/280/5360/11a)
- Auel, Jean M.: Early Americans (letter). p1674 12 June 1998.
- Avarvari, Narcis; Mézailles, Nicolas; Ricard, Louis; Le Floch, Pascal; Mathey, François: Silicalix-[n]-phosphoarenes: macrocyclic ligands based on di-coordinate phosphorus centers. p1587 5 June 1998.
- Ayuso, Carmen. *See* Eudy, James D.
- Azam, Farooq: Microbial control of oceanic carbon flux: the plot thickens. p694 1 May 1998.
- Backus, Sterling. *See* Rundquist, Andy.
- Bae, Hyunsu. *See* Ford, Carolyn E.
- Bafor, Maureen. *See* Lee, Michael.
- Bagla, Pallava (news): New budget boosts 'secret' science. p1520 5 June 1998. Science moves up ladder in push for sustainable growth. p374 17 Apr 1998. and Lawler, Andrew Experts search for details after Indian nuclear tests. p1189 22 May 1998.
- Baker, Edward T. *See* Lupton, John E.
- Bakin, Jonathan S. *See* Weinberger, Norman M.
- Balaban, Naomi; Goldkorn, Tzipora; Nhan, Rachael T.; Dang, Luong B.; Scott, Steven; Ridgley, Rose M.; Rasooly, Avraham; Wright, Susan C.; Larrick, James W.; Rasooly, Reuven; Carlson, James R.: Autoinducer of virulence as a target for vaccine and therapy against *Staphylococcus aureus*. p438 17 Apr 1998.
- Balakirev, F. F. *See* Aksyuk, V.
- Balavoine, Guillaume and Adoutte, André: One or three Cambrian radiations? p397 17 Apr 1998.
- Baldeweg, T.; Catalan, J.; Gazzard, B. G.; Weiss, R. A.; Boshoff, C.: Kaposi's sarcoma and protection from HIV dementia (letter). p362 17 Apr 1998.
- Baldi, Maria I. *See* Fabbri, Stefania.
- Balter, Michael (AIDS research): Access to patients is key to success of Dutch quartet. p1859 19 June 1998. A cluster of Europe's AIDS research stars. p1862 19 June 1998. Duo brings hope of immune restoration. p1861 19 June 1998. Europe: AIDS research on a budget. p1856 19 June 1998. German powerhouse gives AIDS the cold shoulder. p1858 19 June 1998. Global program struggles to stem the flood of new cases. p1863 19 June 1998. HIV incidence: 'more serious than we imagined.' p1864 19 June 1998. Modest Briton stirs up storm with views on role of CTLs. p1860 19 June 1998. U.K. community finds it's a jungle out there. p1857 19 June 1998.
- Balter, Michael (news): AIDS researchers negotiate tricky slopes of science. p825 8 May 1998. Did life begin in hot water? p31 3 Apr 1998. France's

- sequencers aim to join the big league. p30 3 Apr 1998. Revealing HIV's T cell passkey. p1833 19 June 1998. Viruses have many ways to be unwelcome guests. p204 10 Apr 1998.
- Banaš, Antoni. *See* Lee, Michael.
- Barch, Deanna M. *See* Carter, Cameron S.
- Bardgett, R. D. *See* Jones, T. H.
- Barinaga, Marcia (news): Caspase work points to possible new therapies. p33 3 Apr 1998. Death by dozens of cuts. p32 3 Apr 1998. Listening in on the brain. p376 17 Apr 1998. Signaling path may lead to better heart-failure therapies. p383 17 Apr 1998.
- Baron, Beverly. *See* Shen, Hong Ming.
- Barrat, J. A.; Gillet, Ph.; Lécuyer, C.; Sheppard, S. M. F.; Lesourd, M.: Formation of carbonates in the Tatahouine meteorite. p412 17 Apr 1998.
- Barry, Clifton E. III. *See* Mdluli, Khisimuzi.
- Baumgardner, John R. *See* Bunge, Hans-Peter.
- Baxter, John D. *See* Feng, Weijun.
- Baynes, Kathleen; Eliassen, James C.; Lutsep, Helmi L.; Gazzaniga, Michael S.: Modular organization of cognitive systems masked by interhemispheric integration. p902 8 May 1998.
- Bazin, Sara. *See* Canales, J. Pablo.
- Bazylinski, Dennis A. *See* Pósfai, Mihály.
- Beachy, Philip A. *See* Cooper, Michael K.
- Beck, W.; Donahue, D. J.; Jull, A. J. T.; Burr, G.; Broecker, W. S.; Bonani, G.; Hajdas, I.; Malotki, E.: Ambiguities in direct dating of rock surfaces using radiocarbon measurements (technical comment). p2132 5 June 1998.
- Behnia, K. *See* Aubin, H.
- Behrens, Jürgen; Jerchow, Boris-Alexander; Würtele, Martin; Grimm, Jan; Asbrand, Christian; Wirtz, Ralph; Köhl, Michael; Wedlich, Doris; Birchmeier, Walter: Functional interaction of an axin homolog, conductin, with  $\beta$ -catenin, APC, and GSK3 $\beta$ . p596 24 Apr 1998.
- Beintema, Jaap J.: ASEAN science (letter). p15 3 Apr 1998.
- Beisel, Kirk W. *See* Eudy, James D.
- Bell, Robert G. *See* Zhou, Wuzong.
- Belmonte, Juan Carlos Izipisúa. *See* Kengaku, Mineko.
- Ben-Djemaa, Karim. *See* Bonn, Daniel.
- Benirschke, Kurt; Berger, Joel; Janzen, Daniel H.; Hallwachs, Winnie; Meffe, Gary K.; Myers, Norman; Newmark, William D.; Woodruff, David S.; Bradbury, Jack: Wildlife conservation in Kenya (letter). p1510 5 June 1998.
- Benson, Constance. *See* Agosto, Moises.
- Berdelis, Michael S. *See* Sakowicz, Roman.
- Berger, Edward A. *See* Agosto, Moises.
- Berger, Joel. *See* Benirschke, Kurt.
- Berggren, K. K. *See* Johnson, K. S.
- Bernas, H. *See* Chappert, C.
- Bernaudin, Françoise. *See* Altare, Frédéric.
- Berno, Anthony. *See* Wang, David G.
- Bevan, Steve. *See* Howe, James R.
- Bezemer, T. M. *See* Jones, T. H.
- Bharti, Vivek. *See* Zhang, Q. M.
- Bhartia, Rohit. *See* Bowen, David.
- Bieber, David; Ramer, Sandra W.; Wu, Cheng-Yen; Murray, William J.; Tobe, Toru; Fernandez, Rosemary; Schoolnik, Gary K.: Type IV pili, transient bacterial aggregates, and virulence of enteropathogenic *Escherichia coli*. p2114 26 June 1998.
- Bingaman, Jeff and Lieberman, Joseph: Toward a transparent federal S&T budget (editorial). p983 15 May 1998.
- Birchmeier, Walter. *See* Behrens, Jürgen.
- Birse, Charles E.; Minvielle-Sebastia, Lionel; Lee, Barbara A.; Keller, Walter; Proudfoot, Nick J.: Coupling termination of transcription to messenger RNA maturation in yeast. p298 10 Apr 1998.
- Bishop, D. J. *See* Aksyuk, V.
- Blackburn, Christine L. *See* Sakowicz, Roman.
- Blackburn, Michael. *See* Bowen, David.
- Blackburn, T. M. *See* Jones, T. H.
- Blackwell, Cathy. *See* Cibelli, Jose B.
- Blair, John M. *See* Collins, Scott L.
- Blake, David T. *See* deCharms, R. Christopher.
- Blanton, Dennis B. *See* Stahle, David W.
- Blitzer, Robert D.; Connor, John H.; Brown, George P.; Wong, Tony; Shenolikar, Shirish; Iyengar, Ravi; Landau, Emmanuel M.: Gating of CaMKII by cAMP-regulated protein phosphatase activity during LTP. p1940 19 June 1998.
- Bloom, Barry R.: The ethics of AIDS vaccine trials (letter). p1330 29 May 1998.
- Bloom, David E.: Technology, experimentation, and the quality of survey data. p847 8 May 1998.
- Bloom, Floyd E. *See* Jasny, Barbara R.
- Blouin, Melissa (news): El Niño brings winter of discontent. p203 10 Apr 1998.
- Blumenthal, Robert. *See* Agosto, Moises.
- Blusztajn, Jerzy. *See* Hart, Stanley R.
- Bodde, David L.: Space policy in a vacuum (editorial). p1171 22 May 1998.
- Boddy, Michael N.; Furnari, Beth; Mondesert, Odile; Russell, Paul: Replication checkpoint enforced by kinases Cds1 and Chk1. p909 8 May 1998.
- Boebinger, G. S. *See* Aksyuk, V.
- Boehler, R. *See* Serghiou, G.
- Bollag, Gideon. *See* Hart, Matthew J. *See also* Kozasa, Tohru.
- Bonani, G. *See* Beck, W.
- Bonifacio, Juan S. *See* Dell'Angelica, Esteban C.
- Bonn, Daniel; Kellay, Hamid; Prochnow, Michaël; Ben-Djemaa, Karim; Meunier, Jacques: Delayed fracture of an inhomogeneous soft solid. p265 10 Apr 1998.
- Boschert, Ursula. *See* Camps, Montserrat.
- Boshoff, C. *See* Baldeweg, T.
- Bostoff, Drell A. *See* Ebinu, Julius O.
- Botvinick, Matthew M. *See* Carter, Cameron S.
- Boul, Peter J. *See* Liu, Jie.
- Bowen, David; Rocheleau, Thomas A.; Blackburn, Michael; Andreev, Olga; Golubeva, Elena; Bhartia, Rohit; French-Constant, Richard H.: Insecticidal toxins from the bacterium *Photorehabdus luminescens*. p2129 26 June 1998.
- Bowers, Deane: review of *Induced Responses to Herbivory*, by Richard Karban and Ian T. Baldwin. p1543 5 June 1998.
- Bowles, Ian A.; Rice, R. E.; Mittermeier, R. A.; de Fonseca, G. A. B.: Logging and tropical forest conservation. p1899 19 June 1998.
- Bowring, S. A.; Erwin, D. H.; Jin, Y. G.; Martin, M. W.; Davidek, K.; Wang, W.: U/Pb zircon geochronology and tempo of the end-Permian mass extinction. p1039 15 May 1998.
- Boyle, Edward A. *See* Adkins, Jess F.
- Bradbury, Jack. *See* Benirschke, Kurt.
- Bradley, R. Kelley. *See* Liu, Jie.
- Bradley, Raymond S. *See* Mann, Michael E.
- Brandon, Alan D.; Walker, Richard J.; Morgan, John W.; Norman, Marc D.; Prichard, Hazel M.: Coupled  $^{186}\text{Os}$  and  $^{187}\text{Os}$  evidence for core-mantle interaction. p1570 5 June 1998.
- Brundtland, Gro Harlem: Reaching out for world health (editorial). p2027 26 June 1998.
- Braver, Todd S. *See* Carter, Cameron S.
- Breyer, Stephen: The interdependence of science and law. p537 24 Apr 1998.
- Briggs, John M. *See* Collins, Scott L.
- Brittain, Scott T. *See* Jackman, Rebecca J.
- Broecker, W. S. *See* Beck, W.
- Brosch, G. *See* Dangle, M.
- Brovkin, Victor. *See* Ganopolski, Andrey.
- Brown, Colin M. *See* van Turennot, Miranda.
- Brown, George P. *See* Blitzer, Robert D.
- Brown, Robert H.; Cruikshank, Dale P.; Pendleton, Yvonne; Veeder, Glenn J.: Identification of water ice on the Centaur 1997 CU26. p1430 29 May 1998.
- Brown, Steve D. M. *See* Steel, Karen P.
- Bruce, K. D. *See* Jones, T. H.
- Brundtland, Gro Harlem: Reaching out for world health (editorial). p2027 26 June 1998.
- Brunet, Lisa J.; McMahon, Jill A.; McMahon, Andrew P.; Harland, Richard M.: Noggin, cartilage morphogenesis, and joint formation in the mammalian skeleton. p1455 29 May 1998.
- Brunsdon, Barry. *See* Conroy, Glenn C.
- Bruun, Johan N. *See* Liestel, Knut.
- Bufardeci, Emanuela. *See* Fabbri, Stefania.
- Bunge, Hans-Peter; Richards, Mark A.; Lithgow-Bertelloni, Carolina; Baumgardner, John R.; Grand, Stephen P.; Romanowicz, Barbara A.: Time scales and heterogeneous structure in geodynamic earth models. p91 3 Apr 1998.
- Burgess, Neil. *See* Maguire, Eleanor A.
- Bürgmann, Roland. *See* Pollitz, Fred F.
- Burke, A. C.; Feduccia, J. A.; Hinchliffe, R.: Counting the fingers of birds and dinosaurs (technical comment). p355 17 Apr 1998. www.sciencemag.org/cgi/content/full/280/5362/355a
- Burkhard, Martin: The Black Sea: a freshwater lake? (letter). p503 24 Apr 1998.
- Burn, Paul. *See* Campfield, L. Arthur.
- Burnham, N. A. *See* Liley, M.
- Burns, Jack O.: Stormy weather in galaxy clusters. p400 17 Apr 1998.
- Burr, G. *See* Beck, W.
- Burton, Dennis. *See* Agosto, Moises.
- Buseck, Peter R. *See* Pósfai, Mihály.

## C and D

- Cabral, João Morais. *See* Doyle, Declan A.
- Calautti, Enzo. *See* Di Cunto, Ferdinando.
- Callis, J. *See* del Pozo, J. C.
- Cambriel, E. *See* Chappert, C.
- Camper, Sally A. *See* Probst, Frank J. *See also* Wang, Aihui.
- Campfield, L. Arthur; Smith, Françoise J.; Burn, Paul: Strategies and potential molecular targets for obesity treatment. p1383 29 May 1998.
- Camps, Montserrat; Nichols, Anthony; Gillieron, Corine; Antonsson, Bruno; Muda, Marco; Chabert, Christian; Boschert, Ursula; Arkinstall, Steve: Catalytic activation of the phosphatase MKP-3 by ERK2 mitogen-activated protein kinase. p1262 22 May 1998.
- Canales, J. Pablo; Detrick, Robert S.; Bazin, Sara; Harding, Alistair J.; Orcutt, John A.: Off-axis crustal thickness across and along the East Pacific Rise within the MELT area. p1218 22 May 1998.
- Cannon, P. F. *See* Jones, T. H.
- Capasso, Federico. *See* Gmachl, Claire.
- Capdevila, Javier. *See* Kengaku, Mineko.
- Carey, James R. *See* Vaupel, James W.
- Carlson, James R. *See* Balaban, Naomi.
- Carlson, R. W. *See* McCord, T. B.
- Carrington, Mary. *See* Smith, Michael W.
- Carrington, Walter. *See* Rizzuto, Rosario.
- Carroll, Michael C. *See* Fischer, Michael B.
- Carter, Cameron S.; Braver, Todd S.; Barch, Deanna M.; Botvinick, Matthew M.; Noll, Douglas; Cohen, Jonathan D.: Anterior cingulate cortex, error detection, and the online monitoring of performance. p747 1 May 1998.
- Cartigny, Pierre; Harris, Jeffrey W.; Javoy, Marc: Eclogitic diamond formation at Jwaneng: no room for a recycled component. p1421 29 May 1998.
- Casanova, Jean-Laurent. *See* Altare, Frédéric. *See also* de Jong, Rolien.
- Catalan, J. *See* Baldeweg, T.
- Cavert, Winston and Haase, Ashley T.: A national tissue bank to track HIV eradication and immune reconstitution. p1865 19 June 1998.

- Cech, Thomas R.: A celebration of life in the trenches (editorial). p15 3 Apr 1998.
- Ceder, Gerbrand: Predicting properties from scratch (Tech.sight). p1099 15 May 1998.
- Ceriani, M. Fernanda. See Darlington, Thomas K.
- Cervino, James M.; Goreau, T. J.; Hayes, R. L.; Kaufman, L.; Nagelkerken, I.; Patterson, K.; Porter, J. W.; Smith, G. W.; Quirolo, C.: Coral disease (letter). p499 24 Apr 1998.
- Chabert, Christian. See Camps, Montserrat.
- Chait, Brian T. See Doyle, Declan A. See also MacKinnon, Roderick.
- Chalifoux, Laura V. See Veazey, Ronald S.
- Chan, Edmond Y. W. See Ebinu, Julius O.
- Chan, Kai M. A.: Populations as "species-in-waiting"? (letter). p2031 26 June 1998.
- Chan, Wai Pang; Prete, Frederick; Dickinson, Michael H.: Visual input to the efferent control system of a fly's "gyroscope". p289 10 Apr 1998.
- Chang, Zenghu. See Rundquist, Andy.
- Chappert, C.; Bernas, H.; Ferré, J.; Kottler, V.; Jamet, J.-P.; Chen, Y.; Cambil, E.; Devolder, T.; Rousseaux, F.; Mathet, V.; Launois, H.: Planar patterned magnetic media obtained by ion irradiation. p1919 19 June 1998.
- Chatterjee, S.: Counting the fingers of birds and dinosaurs (technical comment). p355 17 Apr 1998. [www.sciencemag.org/cgi/content/full/280/5362/355a](http://www.sciencemag.org/cgi/content/full/280/5362/355a)
- Chatters, James C. See Taylor, R. E.
- Chee, Mark. See Wang, David G.
- Chen, Ching-Yi; Del Gatto-Konczak, Fabienne; Wu, Zhengu; Karin, Michael: Stabilization of interleukin-2 mRNA by the c-Jun NH<sub>2</sub>-terminal kinase pathway. p1945 19 June 1998.
- Chen, Ganglin; Liebermann, Robert C.; Weidner, Donald J.: Elasticity of single-crystal MgO to 8 gigapascals and 1600 kelvin. p1913 19 June 1998.
- Chen, Irvin. See Frenkel, Lisa M.
- Chen, Shaowei; Ingram, Roychelle S.; Hostetler, Michael J.; Pietron, Jeremy J.; Murray, Royce W.; Schaaft, T. Gregory; Khoury, Joseph T.; Alvarez, Marcos M.; Whetten, Robert L.: Gold nanoelectrodes of varied size: transition to molecule-like charging. p2098 26 June 1998.
- Chen, W. See Madhavan, V.
- Chen, Y. See Chappert, C.
- Chen, Zhigang; Mitchell, Matthew; Segev, Mordechai; Coskun, Tamer H.; Christodoulides, Demetrios N.: Self-trapping of dark incoherent light beams. p889 8 May 1998.
- Chen, Zhong-Ren: Great expectations in China (letter). p359 17 Apr 1998.
- Cheng, Hai. See Adkins, Jess F.
- Cheng, Jason J. See Eudy, James D.
- Cheng, K. S.; Dai, Z. G.; Wei, D. M.; Lu, T.: Is GRO J1744-28 a strange star? p407 17 Apr 1998.
- Chiappe, Luis M. See Forster, Catherine A.
- Cho, Alfred Y. See Gmachl, Claire.
- Choi, Sang Ki; Lee, Joon H.; Zoll, Wendy L.; Merrick, William C.; Dever, Thomas E.: Promotion of Met-tRNA<sup>Met</sup> binding to ribosomes by yIF2, a bacterial IF2 homolog in yeast. p1757 12 June 1998.
- Chong, Juang-Hong, Jr.: ASEAN science (letter). p17 3 Apr 1998.
- Chong, Miriam J. See Herzog, Karl-Heinz.
- Chou, Chia-Fu; Jin, Anjun J.; Hui, S. W.; Huang, C. C.; Ho, John T.: Multiple-step melting in two-dimensional hexatic liquid-crystal films. p1424 29 May 1998.
- Choy, Jin-Ho; Kwon, Soon-Jae; Park, Gyeong-Su: High-T<sub>c</sub> superconductors in the two-dimensional limit: [(Py-C<sub>n</sub>H<sub>2n+1</sub>)<sub>2</sub>Hg<sub>1-x</sub>Bi<sub>2</sub>Sr<sub>2</sub>Ca<sub>m-1</sub>Cu<sub>m</sub>O<sub>y</sub> (m = 1 and 2)]. p1589 5 June 1998.
- Christensen, Kaare. See Vaupel, James W.
- Christianson, David W. See Stams, Travis.
- Christodoulides, Demetrios N. See Chen, Zhigang.
- Chu, A. P. See Johnson, K. S.
- Cibelli, Jose B.; Stice, Steve L.; Golueke, Paul J.; Kane, Jeff J.; Jerry, Joseph; Blackwell, Cathy; Ponce de León, F. Abel; Robl, James M.: Cloned transgenic calves produced from nonquiescent fetal fibroblasts. p1256 22 May 1998.
- Clark, Robert E. and Squire, Larry R.: Classical conditioning and brain systems: the role of awareness. p77 3 Apr 1998.
- Clarke, Arthur, Sir: Presidents, experts, and asteroids (essays on science and society). p1532 5 June 1998.
- Claussen, Martin. See Ganopolski, Andrey.
- Cleveland, Malcolm K. See Stahle, David W.
- Clemons, Janice. See Agosto, Moises.
- Coffin, John. See Agosto, Moises.
- Cohen, Gary H. See Geraghty, Robert J.
- Cohen, Jonathan D. See Carter, Cameron S.
- Cohen, Peter A.: Scientist-diplomats (letter). p2027 26 June 1998. Southeast Asian scientists and U.S. graduate programs (letter). p179 10 Apr 1998.
- Cohen, Steven L. See Doyle, Declan A. See also MacKinnon, Roderick.
- Colbert, Daniel T. See Liu, Jie.
- Collins, Scott L.; Knapp, Alan K.; Briggs, John M.; Blair, John M.; Steinauer, Ernest M.: Modulation of diversity by grazing and mowing in native tallgrass prairie. p745 1 May 1998.
- Colwell, Joshua E.; Horányi, Mihály; Grün, Eberhard: Capture of interplanetary and interstellar dust by the jovian magnetosphere. p88 3 Apr 1998.
- Comuzzie, Anthony G. and Allison, David B.: The search for human obesity genes. p1374 29 May 1998.
- Connolly, Harold C., Jr., and Love, Stanley G.: The formation of chondrules: petrologic tests of the shock wave model. p62 3 Apr 1998.
- Connor, John H. See Blitzer, Robert D.
- Connor, Ruth. See Agosto, Moises.
- Conroy, Glenn C.; Weber, Gerhard W.; Seidler, Horst; Tobias, Phillip V.; Kane, Alex; Brunsten, Barry: Endocranial capacity in an early hominid cranium from Sterkfontein, South Africa. p1730 12 June 1998.
- Constantine-Paton, Martha: review of *The History of Neuroscience in Autobiography*, edited by Larry R. Squire. p1032 15 May 1998.
- Coombs, Robert W. See Frenkel, Lisa M.
- Cooper, Michael K.; Porter, Jeffery A.; Young, Keith E.; Beachy, Philip A.: Teratogen-mediated inhibition of target tissue response to *Shh* signaling. p1603 5 June 1998.
- Cooper, Thomas A. See Philips, Anne V.
- Copeland, Terry D. See Duesbery, Nicholas S.
- Copp, Andrew J. See Fleming, Angeleen.
- Copper, Paul: review of *Life*, by Richard Fortey. p1542 5 June 1998.
- Cormier, Marie-Hélène. See Scheirer, Daniel S.
- Cornelissen, Jeroen J. L. M.; Fischer, Matthias; Sommerdijk, Nico A. J. M.; Nolte, Roeland J. M.: Helical superstructures from charged poly(styrene)-poly(isocyanodipeptide) block copolymers. p1427 29 May 1998.
- Coskun, Tamer H. See Chen, Zhigang.
- Costerton, J. W. See Davies, David G.
- Courtney, Susan M.; Petit, Laurent; Ungerleider, Leslie G.; Haxby, James V.: Areas of the brain: movements and memories (letter). p1676 12 June 1998.
- Cowen, James P. See Lupton, John E.
- Crane, Deborah D. See Mdluli, Khisimuzi.
- Cremers, Cor. See Eudy, James D.
- Cresswell, Peter: Proteases, processing, and thymic selection. p394 17 Apr 1998.
- Crews, Brenda C. See Kalgutkar, Amit S.
- Crommie, M. F. See Madhavan, V.
- Crowcroft, Jon; Luby, Michael; Paxson, Vern: Traffic jams on the Internet (letter). p182 10 Apr 1998.
- Crowley, J. K. See McCord, T. B.
- Crowley, Thomas J. See Kim, Seong-Joong.
- Cruikshank, Dale P. See Brown, Robert H.
- Cullen, Bryan. See Agosto, Moises.
- Curtsinger, James W. See Vaupel, James W.
- da Jornada, J. A. H. See Perottoni, C. A.
- Daaka, Yehia. See Ford, Carolyn E.
- Dahlqvist, Anders. See Lee, Michael.
- Dai, Hongjie. See Liu, Jie.
- Dai, Z. G. See Cheng, K. S.
- Dang, Luong B. See Balaban, Naomi.
- Dangle, M.; Lusser, A.; Brosch, G.; Loidl, A.; Haas, H.; Loidl, P.: Second family of histone deacetylases (technical comment). p1167 22 May 1998. [www.sciencemag.org/cgi/content/full/280/5367/1167a](http://www.sciencemag.org/cgi/content/full/280/5367/1167a)
- Darlington, Thomas K.; Wager-Smith, Karen; Ceriani, M. Fernanda; Staknis, David; Gekakis, Nicholas; Steeves, Thomas D. L.; Weitz, Charles J.; Takahashi, Joseph S.; Kay, Steve A.: Closing the circadian loop: CLOCK-induced transcription of its own inhibitors *per* and *tim*. p1599 5 June 1998.
- Davenport, Sandra. See Eudy, James D.
- Davidek, K. See Bowring, S. A.
- Davies, David G.; Parsek, Matthew R.; Pearson, James P.; Iglewski, Barbara H.; Costerton, J. W.; Greenberg, E. P.: The involvement of cell-to-cell signals in the development of a bacterial biofilm. p295 10 Apr 1998.
- Davies, Julian. See Mazel, Didier.
- Davis, Fred C. See Gekakis, Nicholas.
- Davis, Mark M.: Correction (letter). p1821 19 June 1998.
- de Boer, Tjitske. See de Jong, Rolien.
- de Fonseca, G. A. B. See Bowles, Ian A.
- de Groot-Hedlin, Catherine. See Shen, Yang.
- de Heer, Walt A. See Frank, Stefan.
- de Jong, Rolien; Altare, Frédéric; Haagen, Inez-Anne; Elferink, Diënné G.; de Boer, Tjitske; van Breda Vriesman, Peter J. C.; Kabel, Peter J.; Draaisma, Johannes M. T.; van Dissel, Jaap T.; Kroon, Frank P.; Casanova, Jean-Laurent; Ottenhoff, Tom H. M.: Severe mycobacterial and *Salmonella* infections in interleukin-12 receptor-deficient patients. p1435 29 May 1998.
- De La Peña, Jennifer. See Kengaku, Mineko.
- de Mello, Andrew J. See Kopp, Martin U.
- Dean, Michael. See Smith, Michael W.
- deCharms, R. Christopher; Blake, David T.; Merzenich, Michael M.: Optimizing sound features for cortical neurons. p1439 29 May 1998.
- Dekker, N. H. See Johnson, K. S.
- Delacôte, Goéry: Putting science in the hands of the public (essays on science and society). p2054 26 June 1998.
- Del Gatto-Konczak, Fabienne. See Chen, Ching-Yi.
- del Pozo, J. C.; Timpte, C.; Tan, S.; Callis, J.; Estelle, M.: The ubiquitin-related protein RUB1 and auxin response in *Arabidopsis*. p1760 12 June 1998.
- Dell'Angelica, Esteban C.; Klumperman, Judith; Stoorvogel, Willem; Bonifacino, Juan S.: Association of the AP-3 adaptor complex with clathrin. p431 17 Apr 1998.
- DeLong, Edward: Archaeal means and extremes. p542 24 Apr 1998.
- Delsing, P. See Schoelkopf, R. J.
- DeMaria, MaryAnn. See Veazey, Ronald S.
- Denenberg, Victor H.: One infant's memory of *Oedipus* (letter). p1175 22 May 1998.
- Dermott, Stanley F. See Kortenkamp, Stephen J.
- Desrosiers, Ronald. See Agosto, Moises.
- Desrosiers, Ronald C. See Veazey, Ronald S.
- Detrick, Robert S. See Canales, J. Pablo.
- Deussing, Jan. See Nakagawa, Terry.

- Dever, Thomas E. See Choi, Sang Ki.
- Devlin, Michael J. See Walsh, B. Timothy.
- Devolder, T. See Chappert, C.
- Di Cunto, Ferdinando; Topley, Gabrielle; Calautti, Enzo; Hsiao, Jimmy; Ong, Lydia; Seth, Prem K.; Dotto, G. Paolo: Inhibitory function of p21<sup>Cip1/WAF1</sup> in differentiation of primary mouse keratinocytes independent of cell cycle control. p1069 15 May 1998.
- Dias, Anthony J. See Roscoe, Stephen B.
- Dickinson, Michael H. See Chan, Wai Pang.
- Dickman, Steven (news): Antibodies stage a comeback in cancer treatment. p1196 22 May 1998.
- Growing joints use their noggins. p1350 29 May 1998.
- Diefenbach, Russell J. See Nagar, Bhushan.
- Dimitrov, Dimitar. See Agosto, Moises.
- Dodson, Peter. See Sampson, Scott D.
- Döffinger, Rainer. See Altare, Frédéric.
- Doherty, Peter C.: The numbers game for virus-specific CD8<sup>+</sup> T cells. p227 10 Apr 1998.
- Doll, John J.: The patenting of DNA (policy). p689 1 May 1998.
- Doms, Robert. See Agosto, Moises.
- Donahue, D. J. See Beck, W.
- Donfield, Sharyne M.; Lynn, Henry S.; Hilgartner, Margaret W.: Progression to AIDS (letter). p1819 19 June 1998.
- Donnett, James G. See Maguire, Eleanor A.
- Doran, Peter T. See Priscu, John C.
- Dorman, LeRoy M. See Forsyth, Donald W.
- Dorn, Ronald I.: Ambiguities in direct dating of rock surfaces using radiocarbon measurements (technical comment). p2132 5 June 1998.
- Dotto, G. Paolo. See Di Cunto, Ferdinando.
- Douglas, Ronald G.: Reforming calculus (letter). p19 3 Apr 1998.
- Doyle, Declan A.; Cabral, João Morais; Pfuertner, Richard A.; Kuo, Anling; Gullbis, Jacqueline M.; Cohen, Steven L.; Chait, Brian T.; MacKinnon, Roderick: The structure of the potassium channel: molecular basis of K<sup>+</sup> conduction and selectivity. p69 3 Apr 1998.
- Draaisma, Johannes M. T. See de Jong, Rolien.
- Druffel, E. R. M. See Massiello, C. A.
- Druffel, Ellen R. M. See Adkins, Jess F.
- Drysdale, Pam. See Altare, Frédéric.
- Dueker, Kenneth G. See Shen, Yang.
- Duesbery, Nicholas S.; Webb, Craig P.; Leppla, Stephen H.; Gordon, Valery M.; Klimpel, Kurt R.; Copeland, Terry D.; Ahn, Natalie G.; Oskarsson, Marianne K.; Fukasawa, Kenji; Paull, Ken D.; Vande Woude, George F.: Proteolytic inactivation of MAP-kinase-kinase by anthrax lethal factor. p734 1 May 1998.
- Duesbery, Nicholas; Vande Woude, George; Leppla, Stephen: How anthrax kills (letter). p1673 12 June 1998.
- Dunlap, Jay: An end in the beginning. p1548 5 June 1998.
- Dunlop, Oona. See Liestoel, Knut.
- Dunn, Robert J. See Ebinu, Julius O.
- Dupré, John: review of *Consilience*, by Edward O. Wilson. p1395 29 May 1998.
- Durandy, Anne. See Altare, Frédéric.
- Durfee, Charles G., III. See Rundquist, Andy.
- Duschl, C. See Liley, M.
- Dychinco, Broderick. See Mazel, Didier.
- Dyson, Freeman J.: Science as a craft industry (essays on science and society). p1014 15 May 1998.
- Y. W.; Stang, Stacey L.; Dunn, Robert J.; Stone, James C.: RasGRP, a Ras guanyl nucleotide-releasing protein with calcium- and diacylglycerol-binding motifs. p1082 15 May 1998.
- Edelson, Alan M.: On the future of scholarly journals (editorial). p359 17 Apr 1998.
- Edmonds, Henrietta N.; Moran, S. Bradley; Hoff, John A.; Smith, John N.; Edwards, R. Lawrence: Protactinium-231 and thorium-230 abundances and high scavenging rates in the western Arctic Ocean. p405 17 Apr 1998.
- Edwards, R. Lawrence. See Adkins, Jess F. See also Edmonds, Henrietta N.
- Eisenberg, Rebecca S. See Heller, Michael A.
- Eisenberg, Roselyn J. See Geraghty, Robert J.
- El Goresy, A. See Mostefaoui, S.
- Elferink, Diëne G. See de Jong, Rolien.
- Eliassen, James C. See Baynes, Kathleen.
- Elkind, David: Owls and early learning (letter). p359 17 Apr 1998.
- Ely, John J. and Moore, Charleen M.: Oliver update (letter). p362 17 Apr 1998.
- Emerman, Michael. See Agosto, Moises.
- \_\_\_\_\_ and Malim, Michael H.: HIV-1 regulatory/accessory genes: keys to unraveling viral and host cell biology. p1880 19 June 1998.
- Emile, Jean-François. See Altare, Frédéric.
- Emler, Richard: review of *Embryology*, edited by Scott F. Gilbert and Anne M. Raunio. p1902 19 June 1998.
- Enserink, Martin (news): U.S.-style universities for Germany? p1826 19 June 1998.
- Epstein, Emanuel: How calcium enhances plant salt tolerance. p1906 19 June 1998.
- Erwin, D. H. See Bowering, S. A.
- Esker, A. R.; Mengel, C.; Wegner, G.: Ultrathin films of a polyelectrolyte with layered architecture. p892 8 May 1998.
- Estelle, M. See del Pozo, J. C.
- Eudy, James D.; Weston, Michael D.; Yao, SuFang; Hoover, Denise M.; Rehm, Heidi L.; Ma-Edmonds, Manling; Yan, Denise; Ahmad, Iqbal; Cheng, Jason J.; Ayuso, Carmen; Cremers, Cor; Davenport, Sandra; Moller, Claes; Talmadge, Catherine B.; Beisel, Kirk W.; Tamayo, Marta; Morton, Cynthia C.; Swaroop, Anand; Kimberling, William J.; Sumegi, Janos: Mutation of a gene encoding a protein with extracellular matrix motifs in Usher syndrome type IIa. p1753 12 June 1998.
- Fabbri, Stefania; Fruscoloni, Paolo; Bufardec, Emanuela; Negri, Elisa Di Nicola; Baldi, Maria I.; Attardi, Domenica Gandini; Mattoccia, Emilio; Tocchini-Valentini, Glauco P.: Conservation of substrate recognition mechanisms by tRNA splicing endonucleases. p284 10 Apr 1998.
- Faist, Jérôme. See Gmachl, Claire.
- Falk, Dean: Hominid brain evolution: looks can be deceiving. p1714 12 June 1998.
- Fan, Jian-Bing. See Wang, David G.
- Fanale, F. P. See McCord, T. B.
- Fanelli, Filippo Rossi. See Laviano, Alessandro.
- Farley, K. A.; Montanari, A.; Shoemaker, E. M.; Shoemaker, C. S.: Geochemical evidence for a comet shower in the late Eocene. p1250 22 May 1998.
- Farquhar, James; Thiemens, Mark H.; Jackson, Teresa: Atmosphere-surface interactions on Mars:  $\Delta^{17}\text{O}$  measurements of carbonate from ALH 84001. p1580 5 June 1998.
- Farr, Andrew. See Nakagawa, Terry.
- Fasol, Gerhard: Nanowires: small is beautiful. p545 24 Apr 1998.
- Fatemi, Mostafa and Greenleaf, James F.: Ultrasound-stimulated vibro-acoustic spectrography. p82 3 Apr 1998.
- Faulkner, D. John. See Sakowicz, Roman.
- Fay, Frederic S. See Rizzuto, Rosario. See also Femino, Andrea M.
- Feduccia, J. A. See Burke, A. C.
- Feely, Richard A. See Lupton, John E.
- Fei, Ming Jie. See Yoshikawa, Shinya.
- Feinberg, Mark. See Agosto, Moises.
- Femino, Andrea M.; Fay, Fredric S.; Fogarty, Kevin; Singer, Robert H.: Visualization of single RNA transcripts in situ. p585 24 Apr 1998.
- Feng, D. L. See Shen, Z.-X.
- Feng, Weijun; Ribeiro, Ralf C. J.; Wagner, Richard L.; Nguyen, Hoa; Apriletti, James W.; Fletterick, Robert J.; Baxter, John D.; Kushner, Peter J.; West, Brian L.: Hormone-dependent coactivator binding to a hydrophobic cleft on nuclear receptors. p1747 12 June 1998.
- Ferber, Dan (news): New hunt for the roots of resistance. p27 3 Apr 1998.
- Ferguson, Neil. See Gupta, Sunetra.
- Fernandez, Rosemary. See Bieber, David.
- Ferré, J. See Chappert, C.
- Ferrell, James E., Jr. and Machleder, Eric M.: The biochemical basis of an all-or-none cell fate switch in *Xenopus* oocytes. p895 8 May 1998.
- Fersht, Alan R.: Sieves in sequence. p541 24 Apr 1998.
- Feys, Bart F. See Xie, Dao-Xin.
- French-Constant, Richard H. See Bowen, David.
- Fiebig, Manfred; Miyano, Kenjiro; Tomioka, Yoshinori; Tokura, Yasuhide: Visualization of the local insulator-metal transition in Pr<sub>0.7</sub>Ca<sub>0.3</sub>MnO<sub>3</sub>. p1925 19 June 1998.
- Field, Pauline M. See Li, Ying.
- Fierke, Carol A. See Stams, Travis.
- Finkel, Elizabeth (news): Aboriginal groups warm to studies of early Australians. p1342 29 May 1998.
- Australia takes two-step approach on genetic studies. p1831 19 June 1998.
- New life for research centers. p513 24 Apr 1998.
- University funding feels big chill. p1343 29 May 1998.
- Finlay, Mark R.: review of *Justus von Liebig*, by William H. Brock. p540 24 Apr 1998.
- Fischer, Alain. See Altare, Frédéric.
- \_\_\_\_\_ and Malissen, Bernard: Natural and engineered disorders of lymphocyte development. p237 10 Apr 1998.
- Fischer, Matthias. See Cornelissen, Jeroen J. L. M.
- Fischer, Michael B.; Goerg, Siegfried; Shen, LiMing; Prodeus, Andrey P.; Goodnow, Christopher C.; Kelsoe, Garnett; Carroll, Michael C.: Dependence of germinal center B cells on expression of CD21/CD35 for survival. p582 24 Apr 1998.
- Fischer, T. M. See Liley, M.
- Fleming, Angele and Copp, Andrew J.: Embryonic folate metabolism and mouse neural tube defects. p2107 26 June 1998.
- Fletterick, Robert J. See Feng, Weijun.
- Fogarty, Kevin. See Femino, Andrea M.
- Fogarty, Kevin E. See Rizzuto, Rosario.
- Fontana, Walter and Schuster, Peter: Continuity in evolution: on the nature of transitions. p1451 29 May 1998.
- Footo, Mike: review of *The Crucible of Creation*, by Simon Conway Morris. p2068 26 June 1998.
- Ford, Carolyn E.; Skiba, Nikolai P.; Bae, Hyunsu; Daaka, Yehia; Reuveny, Eitan; Shekter, Lee R.; Rosal, Ramon; Weng, Gezhi; Yang, Chii-Shen; Iyengar, Ravi; Miller, Richard J.; Jan, Lily Y.; Lefkowitz, Robert J.; Hamm, Heidi E.: Molecular basis for interactions of G protein  $\beta$  subunits with effectors. p1271 22 May 1998.
- Ford, M. T. See Stone, E. C.
- Forster, Catherine A. See Sampson, Scott D.
- Forster, Catherine A.; Sampson, Scott D.; Chiappe, Luis M.; Krause, David W.: Genus correction (letter). p185 10 Apr 1998.
- Forsyth, Donald W. See Scheirer, Daniel S. See also Webb, Spahr C.

## E and F

- Eanes, Walter F.: review of *Progress and Prospects in Evolutionary Biology: The Drosophila Model*, by Jeffrey R. Powell. p850 8 May 1998.
- Earnshaw, William C. See Lamond, Angus I.
- Ebinu, Julius O.; Bottorff, Drell A.; Chan, Edmond

- \_\_\_\_\_; Webb, Spahr C.; Dorman, LeRoy M.; Shen, Yang: Phase velocities of Rayleigh waves in the MELT experiment on the East Pacific Rise. p1235 22 May 1998.
- Fortey, Richard A. See Adrian, Jonathan M.
- Frackowiak, Richard S. J. See Maguire, Eleanor A.
- Frank, Stefan; Poncharal, Philippe; Wang, Z. L.; de Heer, Walt A.: Carbon nanotube quantum resistors. p1744 12 June 1998.
- Frankel, Felice: Envisioning science—a personal perspective (essays on science and society). p1698 12 June 1998.
- Frankel, Richard B. See Pósfai, Mihály.
- Fréchet, Jean M. J. See Roscoe, Stephen B.
- Freinkel, Lisa M.; Mullins, James I.; Learn, Gerald H.; Manns-Arcuino, Laura; Herring, Belinda L.; Kalish, Marcia L.; Steketee, Richard W.; Thea, Donald M.; Nichols, Joan E.; Liu, Shan-Lu; Harmache, Abdallah; He, Xi; Muthui, David; Madan, Anup; Hood, Leroy; Haase, Ashley T.; Zupancic, Mary; Staskus, Katherine; Wolinsky, Steven; Krogstad, Paul; Zhao, JiaQi; Chen, Irvin; Koup, Richard; Ho, David; Korber, Bette; Apple, Raymond J.; Coombs, Robert W.; Pahwa, Savita; Roberts, Norbert J., Jr.: Genetic evaluation of suspected cases of transient HIV-1 infection of infants. p1073 15 May 1998.
- Fridell, Robert A. See Probst, Frank J. See also Wang, Aihui.
- Friedel, Robert: review of *Alexander Graham Bell*, by Edwin S. Grosvenor and Morgan Wesson. p392 17 Apr 1998.
- Friedman, Thomas B. See Probst, Frank J. See also Wang, Aihui.
- Friend, Richard H. See Siringhaus, Henning.
- Frink, Charles R.: Fertilizer use (letter). p504 24 Apr 1998.
- Friston, Karl J. See Lumer, Erik D.
- Frith, Christopher D. See Maguire, Eleanor A.
- Fritsen, Christian H. See Priscu, John C.
- Fruscoloni, Paolo. See Fabbri, Stefania.
- Fujii, Hiroshi. See Periana, Roy A.
- Fukai, Shuya. See Nureki, Osamu.
- Fukasawa, Kenji. See Duesbery, Nicholas S.
- Fuller, Steve: review of *Impossibility*, by John Barrow. p1396 29 May 1998.
- Fultz, Patricia. See Agosto, Moises.
- Furnari, Beth. See Boddy, Michael N.
- G and H**
- Gagliano, Wendy B. See Grossniklaus, Ueli.
- Galán, Jorge E. See Kubori, Tomoko.
- Galvin, Robert: Science roadmaps (editorial). p803 8 May 1998.
- Gamble, Scott. See Periana, Roy A.
- Gammel, P. L. See Aksyuk, V.
- Gammon, Daniel: The evidence of small things. p225 10 Apr 1998.
- Ganopolski, Andrey; Kubatzki, Claudia; Claussen, Martin; Brovkin, Victor; Petoukhov, Vladimir: The influence of vegetation-atmosphere-ocean interaction on climate during the mid-Holocene. p1916 19 June 1998.
- Garber, Ken (news): Year of the cat—in more ways than one. p1841 19 June 1998.
- Garfield, Newell. See Lupton, John E.
- Garner, Carlos. See Kalgutkar, Amit S.
- Garner, J. P. and Thomas, A. L. R.: Counting the fingers of birds and dinosaurs (technical comment). p355 17 Apr 1998. www.sciencemag.org/cgi/content/full/280/5362/355a
- Gavaghan, Helen (news): EU ends 10-year battle over biopatents. p1188 22 May 1998.
- Gawiser, Eric and Silk, Joseph: Extracting primordial density fluctuations. p1405 29 May 1998.
- Gay, David A. See Stahle, David W.
- Gazzaniga, Michael S. See Baynes, Kathleen.
- Gazzard, B. G. See Baldeweg, T.
- Ge, Qingfeng. See Zhou, Wuzong.
- Gekakis, Nicholas. See Darlington, Thomas K.
- \_\_\_\_\_; Staknis, David; Nguyen, Hubert B.; Davis, Fred C.; Wilsbacher, Lisa D.; King, David P.; Takahashi, Joseph S.; Weitz, Charles J.: Role of the CLOCK protein in the mammalian circadian mechanism. p1564 5 June 1998.
- Gellert, Martin. See Melek, Meni.
- Gennis, Robert B.: Cytochrome c oxidase: one enzyme, two mechanisms? p1712 12 June 1998.
- Geraghty, Robert J.; Krummenacher, Claude; Cohen, Gary H.; Eisenberg, Roselyn J.; Spear, Patricia G.: Entry of alphaherpesviruses mediated by poliovirus receptor-related protein 1 and poliovirus receptor. p1618 5 June 1998.
- Gerard, Alain: Transition at Russian physics centers (letter). p18 3 Apr 1998.
- Gerard, Craig. See Agosto, Moises.
- Gerhardt, H. Carl. See Welch, Allison M.
- Gerrard, Jon: Science policy in Canada (editorial). p499 24 Apr 1998.
- Ghandour, Ghassan. See Wang, David G.
- Gibbons, Ann (news): Anthropologists probe genes, brains at annual meeting. p380 17 Apr 1998. A blow to the 'grandmother theory'. p516 24 Apr 1998. Dinosaur fossils, in fine feather, show link to birds. p2051 26 June 1998. Genes put mammals in age of dinosaurs. p675 1 May 1998. In mice, mom's genes favor brains over brawn. p1346 29 May 1998. 'Monogamous' gibbons really swing. p677 1 May 1998. Old, old skull has a new look. p1525 5 June 1998. Solving the brain's energy crisis. p1345 29 May 1998. Young ages for Australian rock art. p1351 29 May 1998.
- Gilbert, Hersh. See Shen, Yang.
- Giles, C. Lee. See Lawrence, Steve.
- Giles, Lee; Lawrence, Steve; Krovetz, Bob: Access to information on the Web (letter). p1815 19 June 1998.
- Gillet, Ph. See Barrat, J. A.
- Gillieron, Corine. See Camps, Montserrat.
- Gilman, Alfred G. See Hart, Matthew J. See also Kozasa, Tohru.
- Gilman, Sid. See Vilensky, Joel A.
- Gilmour, Sarah J. See Jaglo-Ottosen, Kirsten R.
- Ginsberg, Joshua R. See Woodroffe, Rosie.
- Giovannoni, Stephen J. See Priscu, John C.
- Gladstone, G. Randall. See Krasnopolsky, Vladimir A.
- Glanz, James (news): Cosmic web captures lost matter. p2049 26 June 1998. Cosmos in a computer. p1522 5 June 1998. Exploding stars flash new bulletins from distant universe. p1008 15 May 1998. 'First light' for giant sky survey. p1337 29 May 1998. From a turbulent maelstrom, order. p519 24 Apr 1998. Gamma blast from way, way back. p514 24 Apr 1998. Giant survey wallpapers the sky. p1835 19 June 1998. Magnetic brain imaging traces a stairway to memory. p37 3 Apr 1998. A neutron star that got revved up. p1193 22 May 1998. Requiem for a heavyweight at meeting on fusion reactors. p818 8 May 1998. Sandia steps into the fusion race. p28 3 Apr 1998. The subtle flirtation of ultracold atoms. p200 10 Apr 1998. A water generator in the Orion Nebula. p378 17 Apr 1998.
- Glaser, S. J.; Schulte-Herbrüggen, T.; Sieveking, M.; Schedletzky, O.; Nielsen, N. C.; Sørensen, O. W.; Griesinger, C.: Unitary control in quantum ensembles: maximizing signal intensity in coherent spectroscopy. p421 17 Apr 1998.
- Glass, Alexander J.: Investment in tokamak fusion (letter). p1817 19 June 1998.
- Gmachl, Claire; Capasso, Federico; Narimanov, E. E.; Nöckel, Jens U.; Stone, A. Douglas; Faist, Jérôme; Sivco, Deborah L.; Cho, Alfred Y.: High-power directional emission from microlasers with chaotic resonators. p1556 5 June 1998.
- Goerg, Siegfried. See Fischer, Michael B.
- Goldkorn, Tzipora. See Balaban, Naomi.
- Goldstein, Lawrence S. B. See Sakowicz, Roman.
- Gollob, Jared A. See Altare, Frédéric.
- Golubeva, Elena. See Bowen, David.
- Golueke, Paul J. See Cibelli, Jose B.
- Gonsalves, Gregg. See Agosto, Moises.
- Goodnow, Christopher C. See Fischer, Michael B.
- Goplen, Anne K. See Liestøl, Knut.
- Gordon, Douglas A. See Priscu, John C.
- Gordon, Valery M. See Duesbery, Nicholas S.
- Goreau, T. J. See Cervino, James M.
- Gornik, Erich: Geometrical shaping of microlaser emission patterns. p1544 5 June 1998.
- Gottlieb, Robert: review of *Water, Culture, and Power*, edited by John M. Donahue and Barbara Rose Johnston. p1209 22 May 1998.
- Gourdon, D. See Liley, M.
- Granahan, J. C. See McCord, T. B.
- Grand, Stephen P. See Bunge, Hans-Peter.
- Gravel, Serge; Larrivière, Michel; Labrecque, Pascale; Wellinger, Raymund J.: Yeast Ku as a regulator of chromosomal DNA end structure. p741 1 May 1998.
- Green, Allan. See Lee, Michael.
- Green, Rachel; Switzer, Christopher; Noller, Harry F.: Ribosome-catalyzed peptide-bond formation with an A-site substrate covalently linked to 23S ribosomal RNA. p286 10 Apr 1998.
- Green, Shawn J. See Pribluda, Victor S.
- Greenberg, E. P. See Davies, David G.
- Greene, Ronald R. See Lupton, John E.
- Greenleaf, James F. See Fatemi, Mostafa.
- Griesinger, C. See Glaser, S. J.
- Griffiths, Ian; Klugmann, Matthias; Anderson, Thomas; Yool, Donald; Thomson, Christine; Schwab, Markus H.; Schneider, Armin; Zimmermann, Frank; McCulloch, Mailise; Nadon, Nancy; Nave, Klaus-Armin: Axonal swellings and degeneration in mice lacking the major proteolipid of myelin. p1610 5 June 1998.
- Grimm, Jan. See Behrens, Jürgen.
- Grossniklaus, Ueli; Vielle-Calzada, Jean-Philippe; Hoepfner, Marilu A.; Gagliano, Wendy B.: Maternal control of embryogenesis by *MEDEA*, a *Polycomb* group gene in *Arabidopsis*. p446 17 Apr 1998.
- Grover, Lov K.: The advantages of superposition. p228 10 Apr 1998.
- Grün, Eberhard. See Colwell, Joshua E.
- Gsell, M.; Jakob, P.; Menzel, D.: Effect of substrate strain on adsorption. p717 1 May 1998.
- Gu, G. See Krishana, K.
- Gu, G. D. See Shen, Z.-X.
- Gu, Jianguo. See Tamura, Masahito.
- Gulbis, Jacqueline M. See Doyle, Declan A.
- Gummeson, Per-Olov. See Lee, Michael.
- Gupta, Sunetra: review of *Life's Other Secret*, by Ian Stewart. p54 3 Apr 1998.
- \_\_\_\_\_; Ferguson, Neil; Anderson, Roy: Chaos, persistence, and evolution of strain structure in antigenically diverse infectious agents. p912 8 May 1998.
- Gura, Trisha (news): Uncoupling proteins provide new clue to obesity's causes. p1369 29 May 1998.
- Gurau, Bogdan. See Reddington, Erik.
- Haagen, Inez-Anne. See de Jong, Rolien.
- Haas, H. See Dangle, M.
- Haase, Ashley. See Agosto, Moises.
- Haase, Ashley T. See Cavert, Winston. See also Frenkel, Lisa M.
- Haddon, R. C. See Aksyuk, V.
- Hafen, Ernst: Kinases and phosphatases—a marriage is consummated. p1212 22 May 1998.
- Hafner, Jason H. See Liu, Jie.
- Hagoort, Peter. See van Turennout, Miranda.
- Hahn, Joseph M. See Ward, William R.

- Haigwood, Nancy. See Agosto, Moises.
- Hailé, Solomon. See Zuany-Amorim, Claudia.
- Hajdas, I. See Beck, W.
- Hall, Alan: G proteins and small GTPases: distant relatives keep in touch. p2074 26 June 1998.
- Hall, G. S. See Jones, T. H.
- Hallwachs, Winnie. See Benirschke, Kurt.
- Hamm, Heidi E. See Ford, Carolyn E.
- Hammond, William C. See Toomey, Douglas R.
- Hancock, G. See Ravishankara, A. R.
- Hanken, James. See Richardson, Michael K.
- Hanna, Philip: How anthrax kills (letter). p1671 12 June 1998.
- Hansen, G. B. See McCord, T. B.
- Harbottle, G. See Stone, E. C.
- Hardin, Garrett: "Freedom in a commons brings ruin to all." p682 1 May 1998.
- Hardin, Garrett: Extensions of "The Tragedy of the Commons" (essays on science and society). p682 1 May 1998.
- Harding, Alistair J. See Canales, J. Pablo.
- Hargreaves, Eric. See Kentros, Cliff.
- Harland, Richard M. See Brunet, Lisa J.
- Harmache, Abdallah. See Frenkel, Lisa M.
- Harris, Jeffrey W. See Cartigny, Pierre.
- Hart, Matthew J. See Kozasa, Tohru.
- ; Jiang, Xuejun; Kozasa, Tohru; Roscoe, William; Singer, William D.; Gilman, Alfred G.; Sternweis, Paul C.; Bollag, Gideon: Direct stimulation of the guanine nucleotide exchange activity of p115 RhoGEF by  $G\alpha_{13}$ . p2112 26 June 1998.
- Hart, Stanley R. and Blusztajn, Jerzy: Clams as recorders of ocean ridge volcanism and hydrothermal vent field activity. p883 8 May 1998.
- Hartley, S. E. See Jones, T. H.
- Hassler, Deborah R. and Shimizu, Nobumichi: Osmium isotopic evidence for ancient subcontinental lithospheric mantle beneath the Kerguelen Islands, southern Indian Ocean. p418 17 Apr 1998.
- Hauri, Erik H. See Righter, Kevin.
- Hawkins, Robert D. See Kentros, Cliff.
- Haxby, James V. See Courtney, Susan M.
- Hayes, R. L. See Cervino, James M.
- He, Xi. See Frenkel, Lisa M.
- Heath, James R.; Kuekes, Philip J.; Snider, Gregory S.; Williams, R. Stanley: A defect-tolerant computer architecture: opportunities for nanotechnology. p1716 12 June 1998.
- Heath, Martha E.: Gray whales in cold water (letter). p658 1 May 1998.
- Hein, Karen: Aligning science with politics and policy in HIV prevention. p1905 19 June 1998.
- Hellems, Alexander (news): ESA commits to Hubble's successor. p2042 26 June 1998. Industry links debated, moon shot killed. p26 3 Apr 1998. On the trail of supercharged hydrogen. p1009 15 May 1998. Putting antimatter on the scales. p1526 5 June 1998. Seeking the sun's deepest notes. p2047 26 June 1998. Ulysses laps sun, inspires new missions. p668 1 May 1998.
- Heller, Michael A. and Eisenberg, Rebecca S.: Can patents deter innovation? The anticommens in biomedical research. p698 1 May 1998.
- Hendrickson, Tamara L. See Nureki, Osamu.
- Hendrickson, Wayne A. See Rizzuto, Carlo D.
- Hermans, Colin O.: Tracing steps of the earliest Americans (letter). p503 24 Apr 1998.
- Hernández-Ramos, Nivia. See Rizzuto, Carlo D.
- Herne, Catherine. See Rundquist, Andy.
- Herring, Belinda L. See Frenkel, Lisa M.
- Herzog, Karl-Heinz; Chong, Miriam J.; Kapsetaki, Manuela; Morgan, James I.; McKinnon, Peter J.: Requirement for Atm in ionizing radiation-induced cell death in the developing central nervous system. p1089 15 May 1998.
- Hesslow, Germund and Yeo, Christopher: Cerebellum and learning: a complex problem (letter). p1817 19 June 1998.
- Heus, Hans A. See Kolk, Michaël H.
- Heyman, Gene M.: On "The science of substance abuse" (letter). p807 8 May 1998.
- Heyning, John E. and Mead, James G.: Gray whales in cold water (letter). p658 1 May 1998.
- Hibbitts, C. A. See McCord, T. B.
- Hilbers, Cornelis W. See Kolk, Michaël H.
- Hilgartner, Margaret W. See Donfield, Sharyne M.
- Hill, James O. and Peters, John C.: Environmental contributions to the obesity epidemic. p1371 29 May 1998.
- Hinchliffe, R. See Burke, A. C.
- Hinnebusch, B. Joseph. See Schwan, Tom G.
- Hirsch, Rebecca E.; Lewis, Bryan D.; Spalding, Edgar P.; Sussman, Michael R.: A role for the AKT1 potassium channel in plant nutrition. p918 8 May 1998.
- Hirsch, Vanessa. See Agosto, Moises.
- Ho, David. See Agosto, Moises. See also Frenkel, Lisa M.
- Ho, John T. See Chou, Chia-Fu.
- Ho, W. See Stipe, B. C.
- Hodges, Laurent: Conceiving a black hole (letter). p1675 12 June 1998.
- Hoepfner, Marilu A. See Grossniklaus, Ueli.
- Hoff, John A. See Edmonds, Henrietta N.
- Hoffman, Donna L. and Novak, Thomas P.: Bridging the racial divide on the Internet. p390 17 Apr 1998.
- Hoffmann, Roald: Movement of the people (essays on science and society). p386 17 Apr 1998.
- Holden, Constance (news): Academy rallies teachers on evolution. p194 10 Apr 1998. New clues to alcoholism risk. p1348 29 May 1998. Ousted Kenya parks head gets job back. p1518 5 June 1998.
- Holian, Brad Lee and Lomdahl, Peter S.: Plasticity induced by shock waves in nonequilibrium molecular-dynamics simulations. p2085 26 June 1998.
- Holloway, David: review of *Bombshell*, by Joseph Albright and Marcia Kunstel. p691 1 May 1998.
- Holm, Niels V. See Vaupel, James W.
- Hood, Leroy. See Frenkel, Lisa M.
- Hoover, Denise M. See Eudy, James D.
- Hopmann, Cordula. See Sakowicz, Roman.
- Hoppe, P. See Mostefaoui, S.
- Horányi, Mihály. See Colwell, Joshua E.
- Horn, Dara: The shoulders of giants (essays on science and society). p1354 29 May 1998.
- Hostetler, Michael J. See Chen, Shaowei.
- Houlston, Richard S. See Howe, James R.
- Howe, James R.; Roth, Stina; Ringold, John C.; Summers, Robert W.; Järvinen, Heikki J.; Sistonen, Pertti; Tomlinson, Ian P. M.; Houlston, Richard S.; Bevan, Steve; Mitros, Frank A.; Stone, Edwin M.; Aaltonen, Lauri A.: Mutations in the *SMAD4/DPC4* gene in juvenile polyposis. p1086 15 May 1998.
- Howrey, Richard P. See Lan, Ning.
- Howson, G. See Jones, T. H.
- Hoxie, James A. See Agosto, Moises.
- Hsiao, Jimmy. See Di Cunto, Ferdinando.
- Hsie, Linda. See Wang, David G.
- Hu, Shiu-Lok. See Agosto, Moises.
- Hu, W. See Schmidt-Rohr, K.
- Huang, C. C. See Chou, Chia-Fu.
- Hubbell, Earl. See Wang, David G.
- Huberman, Bernardo A.; Pirolli, Peter L. T.; Pitkow, James E.; Lukose, Rajan M.: Strong regularities in World Wide Web surfing. p95 3 Apr 1998.
- Huberman, Bernardo and Lukose, Rajan M.: Traffic jams on the Internet (letter). p184 10 Apr 1998.
- Huddleston, D. E. See Russell, C. T.
- Hudson, Thomas J. See Wang, David G.
- Huffman, Chad B. See Liu, Jie.
- Hughes, Jennifer: Populations as "species-in-waiting"? (letter). p2032 26 June 1998.
- Hughes, Malcolm K. See Mann, Michael E.
- Hui, Li. See Normile, Dennis.
- Hui, S. W. See Chou, Chia-Fu.
- Hunkapiller, Michael. See Venter, J. Craig.
- Hunter, Eric. See Agosto, Moises.
- Hutchinson, Henry: Explosions and dissociations. p693 1 May 1998.

## I and J

- Iaccarino, Guido. See Akhter, Shahab A.
- Iachine, Ivan A. See Vaupel, James W.
- IGBP Terrestrial Carbon Working Group: The terrestrial carbon cycle: implications for the Kyoto protocol. p1393 29 May 1998.
- Iglewski, Barbara H. See Davies, David G.
- Ikkeda, H. See Shen, Z.-X.
- Ikkala, O. See Ruokolainen, J.
- Ingram, Roychelle S. See Chen, Shaowei.
- Inoue, Noriko. See Yoshikawa, Shinya.
- Ip, Nancy Y. and Shahi, Gurinder: A molecular biology network for Asia and the Pacific Rim. p1708 12 June 1998.
- Irion, Robert (news): Parsing the trilobites' rise and fall. p1837 19 June 1998.
- Irving, Bryan A.; Alt, Frederick W.; Killeen, Nigel: Thermocyte development in the absence of pre-T cell receptor extracellular immunoglobulin domains. p905 8 May 1998.
- Isaacs, Lyle. See Rao, Jianghong.
- Isenman, David E. See Nagar, Bhushan.
- Ishikawa, Hiromichi. See Saito, Hisashi.
- Iverson, Terry. See Liu, Jie.
- Iwanaga, Toshihiko. See Saito, Hisashi.
- Iyengar, Ravi. See Blitzer, Robert D. See also Ford, Carolyn E.
- Jackman, Rebecca J.; Brittain, Scott T.; Adams, Allan; Prentiss, Mara G.; Whitesides, George M.: Design and fabrication of topologically complex, three-dimensional microstructures. p2089 26 June 1998.
- Jacks, Tyler and Weinberg, Robert A.: The expanding role of cell cycle regulators. p1035 15 May 1998.
- Jackson, Teresa. See Farquhar, James.
- Jacobs, Jeffrey W.: ASEAN science (letter). p17 3 Apr 1998.
- Jacobson, R. A. See Anderson, J. D.
- Jaglo-Ottosen, Kirsten R.; Gilmour, Sarah J.; Zarka, Daniel G.; Schabenberger, Oliver; Thomashow, Michael F.: *Arabidopsis CBF1* overexpression induces *COR* genes and enhances freezing tolerance. p104 3 Apr 1998.
- Jain, Mahendra K. See Quensen, John F., III.
- Jakob, P. See Gsell, M.
- James, Sarah. See Xie, Dao-Xin.
- Jamet, J.-P. See Chappert, C.
- Jamneala, T. See Madhavan, V.
- Jan, Lily Y. See Ford, Carolyn E.
- Janzen, Daniel H. See Benirschke, Kurt.
- Järvinen, Heikki J. See Howe, James R.
- Jasny, Barbara R. and Bloom, Floyd E.: It's not rocket science—but it can save lives (editorial). p1507 5 June 1998.
- Javoy, Marc. See Cartigny, Pierre.
- Jeppsson, Olle. See Altare, Frédéric.
- Jerchow, Boris-Alexander. See Behrens, Jürgen.
- Jerry, Joseph. See Cibelli, Jose B.
- Jiang, Xuejun. See Hart, Matthew J. See also Kozasa, Tohru.
- Jin, Anjun J. See Chou, Chia-Fu.
- Jin, Y. G. See Bowring, S. A.
- John, Kun H.: The Korean DMZ: a fragile ecosystem (letter). p808 8 May 1998.
- Johnson, Brian F. G. See Zhou, Wuzong.
- Johnson, K. S.; Thywissen, J. H.; Dekker, N. H.; Berggren, K. K.; Chu, A. P.; Younkin, R.; Prentiss, M.: Localization of metastable atom beams

- with optical standing waves: nanolithography at the Heisenberg limit. p1583 5 June 1998.
- Johnson, Philip. See Agosto, Moises.
- Johnson, R. Paul. See Veazey, Ronald S.
- Johnson, Randy L. See Kengaku, Mineko.
- Johnson, T. V. See McCord, T. B.
- Johnson, Thomas E. See Vaupel, James W.
- Jolly, Clifford J.: Neither inbred nor extinct (letter). p505 24 Apr 1998.
- Jones, C. G. See Jones, T. H.
- Jones, Jonathan A.: Fast searches with nuclear magnetic resonance computers. p229 10 Apr 1998.
- Jones, Phil: It was the best of times, it was the worst of times. p544 24 Apr 1998.
- Jones, Philip D. See Mann, Michael E.
- Jones, Russell G. See Nagar, Bhushan.
- Jones, T. H.; Thompson, L. J.; Lawton, J. H.; Bezeimer, T. M.; Bardgett, R. D.; Blackburn, T. M.; Bruce, K. D.; Cannon, P. F.; Hall, G. S.; Hartley, S. E.; Howson, G.; Jones, C. G.; Kampichler, C.; Kandeler, E.; Ritchie, D. A.: Impacts of rising atmospheric carbon dioxide on model terrestrial ecosystems. p441 17 Apr 1998.
- Jouanguy, Emmanuelle. See Altare, Frédéric.
- Jull, A. J. T. See Beck, W.
- Jusczyk, Peter W.: One infant's memory of *Oedipus* (letter). p1176 22 May 1998.
- ## K and L
- Kabel, Peter J. See de Jong, Rolien.
- Kafatos, Fotis C.: Challenges for European biology (editorial). p1327 29 May 1998.
- Kaiser, Jocelyn (news): Bison prime prairie biodiversity. p677 1 May 1998. Inbreeding's kiss of death. p35 3 Apr 1998. Panel scores EPA on clean air science. p193 10 Apr 1998.
- Kalgutkar, Amit S.; Crews, Brenda C.; Rowlinson, Scott W.; Garner, Carlos; Seibert, Karen; Marrett, Lawrence J.: Aspirin-like molecules that covalently inactivate cyclooxygenase-2. p1268 22 May 1998.
- Kalish, Marcia L. See Frenkel, Lisa M.
- Kamionkowski, Marc: The case of the curved universe: open, closed, or flat? p1397 29 May 1998.
- Kampichler, C. See Jones, T. H.
- Kanamori, Yutaka. See Saito, Hisashi.
- Kandel, Eric R. See Kentros, Cliff.
- Kandeler, E. See Jones, T. H.
- Kane, Alex. See Conroy, Glenn C.
- Kane, Jeff J. See Cibelli, Jose B.
- Kaneoka, Ichiro: Xenon's inside story. p851 8 May 1998.
- Kannisto, Väinö. See Vaupel, James W.
- Kapsetaki, Manuela. See Herzog, Karl-Heinz.
- Kapteyn, Henry C. See Rundquist, Andy.
- Kargel, Jeffrey S.: The salt of Europa. p1211 22 May 1998.
- Karin, Michael. See Chen, Ching-Yi.
- Karkoschka, Erich: Clouds of high contrast on Uranus. p570 24 Apr 1998.
- Kass, David M. See Yung, Yuk L.
- Kaufman, L. See Cervino, James M.
- Kawai, Tomoji. See Ueda, Kenji.
- Kawasaki, M. See Ravishankara, A. R.
- Kawata, Paul Akio. See Agosto, Moises.
- Kay, Steve A. See Darlington, Thomas K.
- Keating, Mark T. See Olson, Timothy M.
- Keimer, B.: Hot electrons in magnetic oxides. p1904 19 June 1998.
- Kellay, Hamid. See Bonn, Daniel.
- Keller, Walter. See Birse, Charles E.
- Kelsoe, Garnett. See Fischer, Michael B.
- Kengaku, Mineko; Capdevila, Javier; Rodriguez-Esteban, Concepción; De La Peña, Jennifer; Johnson, Randy L.; Belmonte, Juan Carlos Izpísima; Tabin, Clifford J.: Distinct WNT pathways regulating AER formation and dorsoventral polarity in the chick limb bud. p1274 22 May 1998.
- Kentros, Cliff; Hargreaves, Eric; Hawkins, Robert D.; Kandel, Eric R.; Shapiro, Matthew; Muller, Robert V.: Abolition of long-term stability of new hippocampal place cell maps by NMDA receptor blockade. p1211 26 June 1998.
- Kerlavage, Anthony R. See Venter, J. Craig.
- Kerr, Richard A. (news): Biggest extinction looks catastrophic. p1007 15 May 1998. Can great quakes extend their reach? p1194 22 May 1998. Deep-sea coral records quick response to climate. p679 1 May 1998. A dusty ice age trigger looks too weak. p828 8 May 1998. Fiery Io models Earth's first days. p381 17 Apr 1998. Models win big in forecasting El Niño. p522 24 Apr 1998. Ozone loss, greenhouse gases linked. p202 10 Apr 1998. Planetary scientists sample ice, fire, and dust in Houston. p38 3 Apr 1998. Scientists ponder deep slabs, small comets, hidden oceans. p1694 12 June 1998.
- Kestenbaum, David (news): A giant snare for monophiles. p1526 5 June 1998. Groups vie for space chimp colony. p1186 22 May 1998. Physicists find the last of the mesons. p35 3 Apr 1998. Recipe for a kilogram. p823 8 May 1998. Transmuting light into x-rays. p1348 29 May 1998. X-ray flickers reveal a space warp. p674 1 May 1998.
- Khaselev, Oscar and Turner, John A.: A monolithic photovoltaic-photoelectrochemical device for hydrogen production via water splitting. p425 17 Apr 1998.
- Khazaeli, Aziz A. See Vaupel, James W.
- Kheradmand, Farrah; Werner, Erica; Tremble, Patricia; Symons, Marc; Werb, Zena: Role of Rac1 and oxygen radicals in collagenase-1 expression induced by cell shape change. p898 8 May 1998.
- Khoury, Joseph T. See Chen, Shaowei.
- Khurana, K. K. See Russell, C. T.
- Kiferstis, Paula and Marx, Jean: Regulation of body weight. p1363 29 May 1998.
- Kilburn, Dan. See Wang, David G.
- Kilgard, Michael and Merzenich, Michael: Research on auditory cortex plasticity (letter). p1174 22 May 1998.
- Killeen, Nigel. See Irving, Bryan A.
- Kim, C. See Shen, Z.-X.
- Kim, Jeansok J.; Krupa, David J.; Thompson, Richard F.: Cerebellum and learning: a complex problem (letter). p1818 19 June 1998.
- Kim, Seong-Joong; Crowley, Thomas J.; Stössel, Achim: Local orbital forcing of Antarctic climate change during the last interglacial. p728 1 May 1998.
- Kimberling, William J. See Eudy, James D.
- King, David P. See Gekakis, Nicholas.
- Kinzler, Kenneth W. and Vogelstein, Bert: Landscaping the cancer terrain. p1036 15 May 1998.
- Kirner, Donna L. See Taylor, R. E.
- Kivelson, M. G. See Russell, C. T.
- Klimpel, Kurt R. See Duesbery, Nicholas S.
- Klugmann, Matthias. See Griffiths, Ian.
- Klumperman, Judith. See Dell'Angelica, Esteban C.
- Knapp, Alan K. See Collins, Scott L.
- Knight, Heather L. See Veazey, Ronald S.
- Koch, Walter J. See Akhter, Shahab A.
- Koenig, Robert (news): An anxious time for Swiss science. p664 1 May 1998. German biotechs form gene venture. p999 15 May 1998. Science emerges from the 'dark age' of the Ceauescus. p1829 19 June 1998. Voters reject antigenetics initiative. p1685 12 June 1998.
- Kolk, Michaël H.; van der Graaf, Marinette; Wijmenga, Sybren S.; Pleij, Cornelis W. A.; Heus, Hans A.; Hilbers, Cornelis W.: NMR structure of a classical pseudoknot: interplay of single- and double-stranded RNA. p434 17 Apr 1998.
- Kolter, Roberto and Losick, Richard: One for all and all for one. p226 10 Apr 1998.
- Kondro, Wayne (news): New rules on human subjects could end debate in Canada. p1521 5 June 1998. Plan would link, bolster health research. p821 8 May 1998.
- Konno, Mitiko. See Nureki, Osamu.
- Koonin, E. V. See Aravind, L.
- Kopp, Martin U.; de Mello, Andrew J.; Manz, Andreas: Chemical amplification: continuous-flow PCR on a chip. p1046 15 May 1998.
- Korber, Bette. See Agosto, Moises. See also Frenkel, Lisa M.
- \_\_\_\_\_; Theiler, James; Wolinsky, Steven: Limitations of a molecular clock applied to considerations of the origin of HIV-1. p1868 19 June 1998.
- Kortenkamp, Stephen J. and Dermott, Stanley F.: A 100,000-year periodicity in the accretion rate of interplanetary dust. p874 8 May 1998.
- Koshizuka, N. See Shen, Z.-X. See also Krishana, K.
- Koshland, Daniel E., Jr.: The era of pathway quantification. p852 8 May 1998.
- Kottler, V. See Chappert, C.
- Koup, Richard. See Frenkel, Lisa M.
- Kozasa, Tohru. See Hart, Matthew J.
- \_\_\_\_\_; Jiang, Xuejun; Hart, Matthew J.; Sternweis, Pamela M.; Singer, William D.; Gilman, Alfred G.; Bollag, Gideon; Sternweis, Paul C.: p115 RhoGEF, a GTPase activating protein for G $\alpha_{12}$  and G $\alpha_{13}$ . p2109 26 June 1998.
- Kozhevnikov, A. A. See Schoelkopf, R. J.
- Krasnopolsky, Vladimir A.; Mumma, Michael J.; Gladstone, G. Randall: Detection of atomic deuterium in the upper atmosphere of Mars. p1576 5 June 1998.
- Krause, David W. See Forster, Catherine A. See also Sampson, Scott D.
- Krisch, Michael H. See Sette, Francesco.
- Krishana, K.; Ong, N. P.; Li, Q.; Gu, G.; Koshizuka, N.: Quasiparticles and thermal conductivity (technical comment). p11 3 Apr 1998. www.sciencemag.org/cgi/content/full/280/5360/11a
- Krogstad, Paul. See Frenkel, Lisa M.
- Kroon, Frank P. See de Jong, Rolien.
- Krovetz, Bob. See Giles, Lee.
- Kruglyak, Leonid. See Wang, David G.
- Krummenacher, Claude. See Geraghty, Robert J.
- Krupa, David J. See Kim, Jeansok J.
- Ku, L. See Turner, C. F.
- Kubatzki, Claudia. See Ganopoulos, Andrey.
- Kubori, Tomoko; Matsushima, Yukiyasu; Nakamura, Dai; Urailil, Jaimol; Lara-Tejero, Maria; Sukhan, Anand; Galán, Jorge E.; Aizawa, Shin-ichi: Supramolecular structure of the *Salmonella typhimurium* type III protein secretion system. p602 24 Apr 1998.
- Kubota, Eiro. See Saito, Hisashi.
- Kuekes, Philip J. See Heath, James R.
- Kühl, Michael. See Behrens, Jürgen.
- Kuhlbusch, Thomas A. J.: Black carbon and the carbon cycle. p1903 19 June 1998.
- Kuiken, Carla. See Agosto, Moises.
- Kumararatne, Dinakantha. See Altare, Frédéric.
- Kunz, Joachim; Staudacher, Thomas; Allègre, Claude J.: Plutonium-fission xenon found in Earth's mantle. p877 8 May 1998.
- Kuo, Anling. See Doyle, Declan A. See also Mackinnon, Roderick.
- Kushner, Peter J. See Feng, Weijun.
- Kwon, Soon-Jae. See Choy, Jin-Ho.
- Kwong, Peter D. See Rizzuto, Carlo D.
- Labandeira, Conrad C.: How old is the flower and the fly? p57 3 Apr 1998.
- Labrecque, Pascale. See Gravel, Serge.
- Lackner, Andrew A. See Veazey, Ronald S.
- Lagally, Max G. See Nelms, Benjamin E.
- Lahiri, Joydeep. See Rao, Jianghong.
- Lamhamedi, Salma. See Altare, Frédéric.
- Lammam, David. See Altare, Frédéric.

- Lamond, Angus I. and Earnshaw, William C.: Structure and function in the nucleus. p547 24 Apr 1998.
- Lan, Ning; Howrey, Richard P.; Lee, Seong-Wook; Smith, Clayton A.; Sullenger, Bruce A.: Ribozyme-mediated repair of sickle  $\beta$ -globin mRNAs in erythrocyte precursors. p1593 5 June 1998.
- Landau, Emmanuel M. See Blitzer, Robert D.
- Lander, Eric C. See Wang, David G.
- Landin, L.; Miller, M. S.; Pistol, M.-E.; Pryor, C. E.; Samuelson, L.: Optical studies of individual InAs quantum dots in GaAs: few-particle effects. p262 10 Apr 1998.
- Lanoil, Brian D. See Priscu, John C.
- Lanyi, Janos K. See Luecke, Hartmut.
- Lara-Tejero, Maria. See Kubori, Tomoko.
- Larrick, James W. See Balaban, Naomi.
- Larrivée, Michel. See Gravel, Serge.
- Latour, Bruno: From the world of science to the world of research? (essays on science and society). p208 10 Apr 1998.
- Lau, E. L. See Anderson, J. D.
- Launois, H. See Chappert, C.
- Lautz, C. See Liley, M.
- Laviano, Alessandro; Fanelli, Filippo Rossi; Meguid, Michael M.: The brain's normal function (letter). p503 24 Apr 1998.
- Lawler, Andrew (news): Astrobiology Institute picks partners. p1338 29 May 1998. DOE moves to higher ground. p368 17 Apr 1998. DOE panel slams reactor management. p29 3 Apr 1998. An energetic scientific presence. p368 17 Apr 1998. Euphoria fades as threats emerge. p819 8 May 1998. Future brightens for Berkeley facility. p28 3 Apr 1998. Global change fights off a chill. p1682 12 June 1998. Lawmakers back R&D boosts for 1999. p1827 19 June 1998. Los Alamos ally gets top DOE post. p2040 26 June 1998. Peña quits; Moler seen moving up. p195 10 Apr 1998. Report sees more overruns, delays. p666 1 May 1998. Research drought looms after Neurolab mission. p515 24 Apr 1998. Research limelight falls on carbon cycle. p1683 12 June 1998. Senate resolution spotlights R&D. p196 10 Apr 1998. State Department sees S&T weaknesses. p998 15 May 1998. Warm words for basic research. p1686 12 June 1998.
- Lawler, Andrew. See Bagla, Pallava. See also Vogel, Gretchen.
- Lawler, Andrew: Spacelab's worth (letter). p2029 26 June 1998.
- Lawrence, Steve. See Giles, Lee.
- \_\_\_\_ and Giles, C. Lee: Searching the World Wide Web. p98 3 Apr 1998.
- Lawton, J. H. See Jones, T. H.
- Le Deist, Françoise. See Altare, Frédéric.
- Le Floch, Pascal. See Avarvari, Narcis.
- Le, X. Chris; Xing, James Z.; Lee, Jane; Leadon, Steven A.; Weinfeld, Michael: Inducible repair of thymine glycol detected by an ultrasensitive assay for DNA damage. p1066 15 May 1998.
- Leadon, Steven A. See Le, X. Chris.
- Learn, Gerald H. See Agosto, Moises. See also Frenkel, Lisa M.
- Lécuyer, C. See Barrat, J. A.
- Lee, Alice. See MacKinnon, Roderick.
- Lee, Barbara A. See Birse, Charles E.
- Lee, Jane. See Le, X. Chris.
- Lee, Joon H. See Choi, Sang Ki.
- Lee, Michael; Lenman, Marit; Banaś, Antoni; Bafor, Maureen; Singh, Surinder; Schweizer, Michael; Nilsson, Ralf; Liljenberg, Conny; Dahlqvist, Anders; Gummeson, Per-Olov; Sjö Dahl, Staffan; Green, Allan; Stymne, Sten: Identification of non-heme diiron proteins that catalyze triple bond and epoxy group formation. p915 8 May 1998.
- Lee, Seong-Wook. See Lan, Ning.
- Lee, T. Randall. See Liu, Jie.
- Lefkowitz, Robert J. See Akhter, Shahab A. See also Ford, Carolyn E.
- Lei, Xiong (news): Going against the flow in China. p24 3 Apr 1998.
- Lei, Xiong (news): Taking the eco-pulse of a giant. p25 3 Apr 1998.
- Leitner, Thomas. See Agosto, Moises.
- Lenman, Marit. See Lee, Michael.
- Lenski, Richard E.: review of *Introduction to Artificial Life*, by Christoph Adami. p849 8 May 1998.
- Leppla, Stephen. See Duesbery, Nicholas.
- Leppla, Stephen H. See Duesbery, Nicholas S.
- Leshin, Laurie A. See McKeegan, Kevin D.
- Lesourd, M. See Barrat, J. A.
- Letvin, Norman L.: Progress in the development of an HIV-1 vaccine. p1875 19 June 1998.
- Levine, Michael. See Nibu, Yutaka.
- Lévy, Jean-Paul: AIDS vaccine development (letter). p806 8 May 1998.
- Lewis, Bryan D. See Hirsch, Rebecca E.
- Lewis, George. See Agosto, Moises.
- Li, Hong; Trotta, Christopher R.; Abelson, John: Crystal structure and evolution of a transfer RNA splicing enzyme. p279 10 Apr 1998.
- Li, Q. See Krishana, K.
- Li, Ying; Field, Pauline M.; Raisman, Geoffrey: Anatomy of "regenerating axons" (letter). p182 10 Apr 1998.
- Liang, Yong. See Probst, Frank J. See also Wang, Aihui.
- Libeu, Clare Peters. See Yoshikawa, Shinya.
- Lieberman, Joseph. See Bingaman, Jeff.
- Liebermann, Robert C. See Chen, Ganglin.
- Liedo, Pablo. See Vaupel, James W.
- Liestøl, Knut; Goplen, Anne K.; Dunlop, Oona; Bruun, Johan N.; Møhlen, Jan: Kaposi's sarcoma and protection from HIV dementia (letter). p361 17 Apr 1998.
- Lifshitz, Lawrence M. See Rizzuto, Rosario.
- Light, Yvonne. See Marais, Richard.
- Liley, M.; Gourdon, D.; Stamou, D.; Meseth, U.; Fischer, T. M.; Lautz, C.; Stahlberg, H.; Vogel, H.; Burnham, N. A.; Duschl, C.: Friction anisotropy and asymmetry of a compliant monolayer induced by a small molecular tilt. p273 10 Apr 1998.
- Liljenberg, Conny. See Lee, Michael.
- Lindberg, L. D. See Turner, C. F.
- Lindsley, D. H. See Stone, E. C.
- Link, Derek. See Agosto, Moises.
- Lipshutz, Robert. See Wang, David G.
- Lithgow-Bertelloni, Carolina. See Bunge, Hans-Peter.
- Littman, Richard A.: One infant's memory of *Oedipus* (letter). p1174 22 May 1998.
- Liu, Jie; Rinzler, Andrew G.; Dai, Hongjie; Hafner, Jason H.; Bradley, R. Kelley; Boul, Peter J.; Lu, Adrian; Iverson, Terry; Shelimov, Konstantin; Huffman, Chad B.; Rodriguez-Macias, Fernando; Shon, Young-Seok; Lee, T. Randall; Colbert, Daniel T.; Smalley, Richard E.: Fullerene pipes. p1253 22 May 1998.
- Liu, Jiping and Zhu, Jian-Kang: A calcium sensor homolog required for plant salt tolerance. p1943 19 June 1998.
- Liu, Shan-Lu. See Frenkel, Lisa M.
- Loidl, A. See Dangle, M.
- Loidl, P. See Dangle, M.
- Lomdahl, Peter S. See Holian, Brad Lee.
- Longo, Valter D. See Vaupel, James W.
- Losick, Richard. See Kolter, Roberto.
- Love, Stanley G. See Connolly, Harold C., Jr.
- Loveclark, James: A book for all seasons (essays on science and society). p832 8 May 1998.
- Lovett, Richard A.: El Niño drives spectacular flower show. p2048 26 June 1998.
- Lovley, Derek R.: review of *Geomicrobiology: Interactions Between Microbes and Minerals*, by Jillian F. Banfield and Kenneth H. Nealson, Eds. p54 3 Apr 1998.
- Lu, Adrian. See Liu, Jie.
- Lu, T. See Cheng, K. S.
- Luban, Jeremy. See Agosto, Moises.
- Luby, Michael. See Crowcroft, Jon.
- Luecke, Hartmut; Richter, Hans-Thomas; Lanyi, Janos K.: Proton transfer pathways in bacteriorhodopsin at 2.3 angstrom resolution. p1934 19 June 1998.
- Lukose, Rajan M. See Huberman, Bernardo. See also Huberman, Bernardo A.
- Lumer, Erik D.; Friston, Karl J.; Rees, Geraint: Neural correlates of perceptual rivalry in the human brain. p1930 19 June 1998.
- Lupton, John E.; Baker, Edward T.; Garfield, Newell; Massoth, Gary J.; Feely, Richard A.; Cowen, James P.; Greene, Ronald R.; Rago, Thomas A.: Tracking the evolution of a hydrothermal event plume with a RAFOS neutrally buoyant drifter. p1052 15 May 1998.
- Lusser, A. See Dangle, M.
- Lutsep, Helmi L. See Baynes, Kathleen.
- Luttrell, Louis M. See Akhter, Shahab A.
- Luzuriaga, Katherine. See Agosto, Moises.
- Lynn, Henry S. See Donfield, Sharyne M.
- Lyons, Robert H. See Probst, Frank J.

## M

- Macdonald, Ken C. See Scheirer, Daniel S.
- Machleder, Eric M. See Ferrell, James E., Jr.
- MacKay, James F. See Nelms, Benjamin E.
- Mackenzie, Dana (news): New language could meld the Web into a seamless database. p1840 19 June 1998.
- MacKinnon, Roderick. See Doyle, Declan A. \_\_\_\_\_; Cohen, Steven L.; Kuo, Anling; Lee, Alice; Chait, Brian T.: Structural conservation in prokaryotic and eukaryotic potassium channels. p106 3 Apr 1998.
- Macpherson, Cheryl Cox: The ethics of AIDS vaccine trials (letter). p1330 29 May 1998.
- MacPherson, Glenn J. See McKeegan, Kevin D.
- Madan, Anup. See Frenkel, Lisa M.
- Madhavan, V.; Chen, W.; Jamneala, T.; Crommie, M. F.; Wingreen, N. S.: Tunneling into a single magnetic atom: spectroscopic evidence of the Kondo resonance. p567 24 Apr 1998.
- Ma-Edmonds, Manling. See Eudy, James D.
- Maguire, Alison J. See Williams, Dudley H.
- Maguire, Eleanor A.; Burgess, Neil; Donnett, James G.; Frackowiak, Richard S. J.; Frith, Christopher D.; O'Keefe, John: Knowing where and getting there: a human navigation network. p921 8 May 1998.
- Mäkelä, T. See Ruokolainen, J.
- Mäkinen, R. See Ruokolainen, J.
- Malakoff, David (news): Advocacy mailing draws fire. p195 10 Apr 1998. Restored wetlands flunk real-world test. p371 17 Apr 1998. Rock dates thrown into doubt, researcher under fire. p2041 26 June 1998.
- Malim, Michael. See Agosto, Moises.
- Malim, Michael H. See Emerman, Michael.
- Malissen, Bernard. See Fischer, Alain.
- Mallouk, Thomas E. See Reddington, Erik.
- Malotki, E. See Beck, W.
- Mann, Jonathan M.: The ethics of AIDS vaccine trials (letter). p1327 29 May 1998.
- Mann, Michael E.; Bradley, Raymond S.; Hughes, Malcolm K.; Jones, Philip D.: Global temperature patterns (letter). p2029 26 June 1998.
- Manns-Arcuino, Laura. See Frenkel, Lisa M.
- Manton, Kenneth G. See Vaupel, James W.
- Manz, Andreas. See Kopp, Martin U.



- Marais, Richard; Light, Yvonne; Mason, Clive; Paterson, Hugh; Olson, Michael F.; Marshall, Christopher J.: Requirement of Ras-GTP-Raf complexes for activation of Raf-1 by protein kinase C. p109 3 Apr 1998.
- Marnett, Lawrence J. See Kalgutkar, Amit S.
- Marshall, Christopher J. See Marais, Richard.
- Marshall, Eliot (news): 'A big deal,' but a complex hand to play. p196 10 Apr 1998. Allen Roses: from 'street fighter' to corporate insider. p1001 15 May 1998. The Alzheimer's gene puzzle. p1002 15 May 1998. A clash over testing for Alzheimer's disease. p1004 15 May 1998. Counting NIH's fiscal chickens. p666 1 May 1998. Did test ban watchdog fail to bark? p2038 26 June 1998. Elephantine gift stirs museum debate. p1186 22 May 1998. Kansas City institute's big plans. p370 17 Apr 1998. Making research tools more accessible. p1687 12 June 1998. NIH examines standards for consent. p1688 12 June 1998. Novaya Zemlya: the quake that roared. p2039 26 June 1998. Panel issues plea to boost FDA research. p1341 29 May 1998. The power of the front page of *The New York Times*. p996 15 May 1998. Private help for a public database? p667 1 May 1998. Review boards: a system 'in jeopardy'? p1830 19 June 1998. The roadblocks to angiogenesis blockers. p997 15 May 1998. UC fights tobacco company subpoena. p514 24 Apr 1998. and Pennisi, Elizabeth Hubris and the human genome. p994 15 May 1998.
- Martin, M. W. See Bowring, S. A.
- Martin, P. D. See McCord, T. B.
- Marx, Jean. See Kiferstis, Paula.
- Marx, Preston. See Agosto, Moises.
- Maschmeyer, Thomas. See Zhou, Wuzong.
- Masciovecchio, Claudio. See Sette, Francesco.
- Maser, Richard S. See Nelms, Benjamin E.
- Mason, Clive. See Marais, Richard.
- Massiello, C. A. and Druffel, E. R. M.: Black carbon in deep-sea sediments. p1911 19 June 1998.
- Massoth, Gary J. See Lupton, John E.
- Mather, V. See Chappert, C.
- Mathey, François. See Avarvari, Narcis.
- Matijevic, J.: Autonomous navigation and the *Sojourner* microrover (Tech.sight). p454 17 Apr 1998.
- Matson, D. L. See McCord, T. B.
- Matson, Pamela A.; Naylor, Rosamond; Ortiz-Monasterio, Ivan: Integration of environmental, agronomic, and economic aspects of fertilizer management. p112 3 Apr 1998.
- Matsumi, Y. See Ravishankara, A. R.
- Matsumoto, Kazue. See Tamura, Masahito.
- Matsushima, Yukiyasu. See Kubori, Tomoko.
- Mattoccia, Emilio. See Fabbri, Stefania.
- Mayo, Stephen L.: Duplicate publication (letter). p1822 19 June 1998.
- Mazel, Didier; Dychninco, Broderick; Webb, Vera A.; Davies, Julian: A distinctive class of integron in the *Vibrio cholerae* genome. p605 24 Apr 1998.
- McCobb, David P. See Xie, Jiuyong.
- McCord, T. B.; Hansen, G. B.; Fanale, F. P.; Carlson, R. W.; Matson, D. L.; Johnson, T. V.; Smythe, W. D.; Crowley, J. K.; Martin, P. D.; Ocampo, A.; Hibbits, C. A.; Granahan, J. C.; NIMS Team: Salts on Europa's surface detected by Galileo's Near Infrared Mapping Spectrometer. p1242 22 May 1998.
- McCulloch, Mailise. See Griffiths, Ian.
- McCune, J. M. See Agosto, Moises.
- McKay, Christopher P. See Priscu, John C.
- McKeegan, Kevin D.; Leshin, Laurie A.; Russell, Sara S.; MacPherson, Glenn J.: Oxygen isotopic abundances in calcium-aluminum-rich inclusions from ordinary chondrites: implications for nebular heterogeneity. p414 17 Apr 1998.
- McKinnon, Peter J. See Herzog, Karl-Heinz.
- McMahon, Andrew P. See Brunet, Lisa J.
- McMahon, Jill A. See Brunet, Lisa J.
- McRae, Michael (news): Spreading the profits—and the pain—of wildlife protection. p511 24 Apr 1998. Survival test for Kenya's wildlife. p510 24 Apr 1998.
- Mdluli, Khisimuzi; Slayden, Richard A.; Zhu, YaQi; Ramaswamy, Srinivas; Pan, Xi; Mead, David; Crane, Deborah D.; Musser, James M.; Barry, Clifton E. III: Inhibition of a *Mycobacterium tuberculosis*  $\beta$ -ketoacyl ACP synthase by isoniazid. p1607 5 June 1998.
- Mead, David. See Mdluli, Khisimuzi.
- Mead, James G. See Heyning, John E.
- Means, Anthony R. See Westphal, Ryan S.
- Meegan, Daniel V.: Areas of the brain: movements and memories (letter). p1676 12 June 1998.
- Meffe, Gary K. See Benirschke, Kurt.
- Meguid, Michael M. See Laviano, Alessandro.
- Meinl, Edgar. See Altare, Frédéric.
- Melek, Meni; Gellert, Martin; van Gent, Dik C.: Rejoining of DNA by the RAG1 and RAG2 proteins. p301 10 Apr 1998.
- MELT Seismic Team, The: Imaging the deep seismic structure beneath a mid-ocean ridge: the MELT experiment. p1215 22 May 1998.
- Mengel, C. See Esker, A. R.
- Menzel, D. See Gsell, M.
- Merrick, William C. See Choi, Sang Ki.
- Mervis, Jeffrey (news): Location dispute freezes Arctic facility. p820 8 May 1998. R&D agencies spell out goals under new accountability law. p197 10 Apr 1998.
- Merzenich, Michael. See Kilgard, Michael.
- Merzenich, Michael M. See deCharms, R. Christopher.
- Meseth, U. See Liley, M.
- Meunier, Jacques. See Bonn, Daniel.
- Mézailles, Nicolas. See Avarvari, Narcis.
- Michels, Virginia V. See Olson, Timothy M.
- Miller, Christopher: Glutamate receptor activation: a four-step program. p1547 5 June 1998.
- Miller, Linda J. See Weiss, Arthur.
- Miller, M. S. See Landin, L.
- Miller, Richard J. See Ford, Carolyn E.
- Minvielle-Sebastia, Lionel. See Birse, Charles E.
- Mitchell, Matthew. See Chen, Zhigang.
- Mitros, Frank A. See Howe, James R.
- Mittermeier, R. A. See Bowles, Ian A.
- Mittmann, Michael. See Wang, David G.
- Miyano, Kenjiro. See Fiebig, Manfred.
- Miyawaki, Atsushi. See Tsien, Roger Y.
- Mizushima, Tsunehiro. See Yoshikawa, Shinya.
- Mehlen, Jan. See Liestl, Knut.
- Mlot, Christine (news): Probing the biology of emotion. p1005 15 May 1998. Unmasking the emotional unconscious. p1006 15 May 1998.
- Moller, Claes. See Eudy, James D.
- Monaco, Giulio. See Sette, Francesco.
- Mondesert, Odile. See Boddy, Michael N.
- Montanari, A. See Farley, K. A.
- Montefiori, David. See Agosto, Moises.
- Moore, Charleen M. See Ely, John J.
- Moore, John. See Agosto, Moises.
- Moore, W. B. See Anderson, J. D.
- Moran, S. Bradley. See Edmonds, Henrietta N.
- Morbidelli, Alessandro: New insights on the kuiper belt. p2071 26 June 1998.
- Morell, Robert J. See Probst, Frank J. See also Wang, Aihui.
- Morell, Virginia (news): Genes may link ancient Eurasians, native Americans. p520 24 Apr 1998. Kennewick man's contemporaries. p191 10 Apr 1998. Kennewick man's trials continue. p190 10 Apr 1998.
- Morgan, James I. See Herzog, Karl-Heinz.
- Morgan, John W. See Brandon, Alan D.
- Morgan, M. Granger: review of *Consuming Power*, by David E. Nye. p539 24 Apr 1998.
- Moriguchi, Tetsuo. See Takenaka, Katsuya.
- Morken, James P. See Taylor, Steven J.
- Morris, Macdonald S. See Wang, David G.
- Morrow, Casey. See Agosto, Moises.
- Morton, Cynthia C. See Eudy, James D. See also Wang, Aihui.
- Morton, Oliver (news): Mars 2001 mission hits the wall. p998 15 May 1998.
- Mosier, Donald. See Agosto, Moises.
- Mostefaoui, S.; Hoppe, P.; El Goresy, A.: In situ discovery of graphite with interstellar isotopic signatures in a chondrule-free clast in an L3 chondrite. p1418 29 May 1998.
- Muda, Marco. See Camps, Montserrat.
- Mueller, Sherry A. See Quensen, John F., III.
- Muesing, Mark. See Agosto, Moises.
- Muller, Robert. See Kentros, Cliff.
- Mullins, James I. See Frenkel, Lisa M.
- Mumma, Michael J. See Krasnopolsky, Vladimir A.
- Murnane, Margaret M. See Rundquist, Andy.
- Murray, Royce W. See Chen, Shaowei.
- Murray, William J. See Bieber, David.
- Musser, James M. See Mdluli, Khisimuzi.
- Muthui, David. See Frenkel, Lisa M.
- Myers, Norman. See Benirschke, Kurt.

## N and O

- Nabarro, David N. and Tayler, Elizabeth: The "Roll Back Malaria" campaign. p2067 26 June 1998.
- Nadis, Steve (news): Mixed results from the Labrador Sea. p375 17 Apr 1998.
- Nadon, Nancy. See Griffiths, Ian.
- Nagar, Bhushan; Jones, Russell G.; Diefenbach, Russell J.; Isenman, David E.; Rini, James M.: X-ray crystal structure of C3d: a C3 fragment and ligand for complement receptor 2. p1277 22 May 1998.
- Nagelkerken, I. See Cervino, James M.
- Nakagawa, Terry; Roth, Wera; Wong, Phillip; Nelson, Andrew; Farr, Andrew; Deussing, Jan; Villedangos, Jose A.; Ploegh, Hidde; Peters, Christoph; Rudensky, Alexander Y.: Cathepsin L: Critical role in li degradation and CD4 T cell selection in the thymus. p450 17 Apr 1998.
- Nakama, Takashi. See Nureki, Osamu.
- Nakamura, Dai. See Kubori, Tomoko.
- Nakashima, Ryosuke. See Yoshikawa, Shinya.
- Narimanov, E. E. See Gmachl, Claire.
- Nariuchi, Hideo. See Saito, Hisashi.
- Nathanson, Neal. See Varmus, Harold.
- National Institute of Mental Health (NIMH) Multisite HIV Prevention Trial Group: The NIMH Multisite HIV Prevention Trial: reducing HIV sexual risk behavior. p1889 19 June 1998.
- Nave, Klaus-Armin. See Griffiths, Ian.
- Naylor, Rosamond. See Matson, Pamela A.
- Negri, Elisa Di Nicola. See Fabbri, Stefania.
- Nelms, Benjamin E.; Maser, Richard S.; MacKay, James F.; Lagally, Max G.; Petrini, John H. J.: In situ visualization of DNA double-strand break repair in human fibroblasts. p590 24 Apr 1998.
- Nelson, Andrew. See Nakagawa, Terry.
- NetWatch: Actinium to zinc. p1807 19 June 1998. All about NMR. p1319 29 May 1998. Astronomical per diem. p351 17 Apr 1998. Biologists launch electronic pre-prints. p1807 19 June 1998. Biology central. p1163 22 May 1998. Birds netted online. p1319 29 May 1998. Can Internet help peg healthy lifestyles. p795 8 May 1998. Close encounters. p7 3 Apr 1998. Cyano cache. p491 24 Apr 1998. Database bill worries scientists. p1499 5 June 1998. Delving into *Drosophila*. p975 15 May 1998. DNA patient free-for-all. p795 8 May 1998. Earth album. p975 15 May 1998. Eye twist-ers. p1163 22 May 1998. Fish flicks. p2019 26

- June 1998. Flower power. p171 10 Apr 1998. Fractal fever. p491 24 Apr 1998. Galileo's notes see light of cyberspace. p1663 12 June 1998. Gene wiring diagrams. p7 3 Apr 1998. Hot picks. p1163 22 May 1998; p647 1 May 1998; p795 8 May 1998; p1663 12 June 1998; p975 15 May 1998; p1499 5 June 1998; p171 10 Apr 1998; p7 3 Apr 1998; p491 24 Apr 1998; p1319 29 May 1998; p351 17 Apr 1998; p1807 19 June 1998; p2019 26 June 1998. Libraries protest E-journal prices. p171 10 Apr 1998. Mars scar. p1499 5 June 1998. Microbial warfare. p1319 29 May 1998. Mother of all global change sites. p171 10 Apr 1998. Navigating physics. p647 1 May 1998. New code may foil prying police. p7 3 Apr 1998. New search strategy untangles the web. p647 1 May 1998. NSF offers online progress reports. p975 15 May 1998. The science of sick plants. p1663 12 June 1998. Sea change. p1807 19 June 1998. Second network for speed demons. p491 24 Apr 1998. Small world. p795 8 May 1998. Straight dope on chemicals. p351 17 Apr 1998. Sundance. p1663 12 June 1998. Technicolor chemistry. p647 1 May 1998. UCLA weds classes and the Web. p1163 22 May 1998. Viral motherlode. p2019 26 June 1998. Virtual U. talk worries faculty. p2019 26 June 1998. Web math made easy. p351 17 Apr 1998. Window on disease genes. p1499 5 June 1998.
- Newmark, William D. See Benirschke, Kurt.
- Nguyen, Hoa. See Feng, Weijun.
- Nguyen, Hubert B. See Gekakis, Nicholas.
- Nguyen, Tuan V.: Science in Vietnam (letter). p987 15 May 1998.
- Nhan, Rachael T. See Balaban, Naomi.
- Nibu, Yutaka; Zhang, Hailan; Levine, Michael: Interaction of short-range repressors with *Drosophila* CtBP in the embryo. p101 3 Apr 1998.
- Nichols, Anthony. See Camps, Montserrat.
- Nichols, Joan E. See Frenkel, Lisa M.
- Nielsen, N. C. See Glaser, S. J.
- Nielsen, Stefan B. See Oglesby, David D.
- Nieto-Rostro, Manuela. See Xie, Dao-Xin.
- Nilsson, Ralf. See Lee, Michael.
- NIMS Team. See McCord, T. B.
- Niranjankumari, S. See Stams, Travis.
- Nishida, Eisuke. See Takenaka, Katsuya.
- Nixon, Douglas. See Agosto, Moises.
- Noben-Trauth, Konrad. See Probst, Frank J. See also Wang, Aihui.
- Nöckel, Jens U. See Gmachl, Claire.
- Noll, Douglas. See Carter, Cameron S.
- Noller, Harry F. See Green, Rachel.
- Nolte, Roeland J. M. See Cornelissen, Jeroen J. L. M.
- Norman, Colin: Wildlife conservation in Kenya (letter). p1511 5 June 1998.
- Norman, Marc D. See Brandon, Alan D.
- Normile, Dennis (news): Asia takes a team approach. p29 3 Apr 1998. Heavy news on solar neutrinos. p1839 19 June 1998. Imura gets job on top-level council. p1828 19 June 1998. Japan law fosters academic patents. p1340 29 May 1998. Japan urged to drop short-term goal. p1000 15 May 1998. New institutes would break mold. p1687 12 June 1998. New projects receive boost as cuts pinch current work. p669 1 May 1998. Weighing in on neutrino mass. p1689 12 June 1998. and Hui, Li Science overrides politics for East Asian monsoon study. p373 17 Apr 1998.
- Norton, Bryan G.: review of *Taking Complexity Seriously*, by Emery Roe. p1710 12 June 1998.
- Nose, Akinao. See Shishido, Emiko.
- Novak, Thomas P. See Hoffman, Donna L.
- Nunberg, Jack. See Agosto, Moises.
- Nureki, Osamu; Vassilyev, Dmitry G.; Tateno, Masaru; Shimada, Atsushi; Nakama, Takashi; Fukai, Shuya; Konno, Mitiko; Hendrickson, Tamara L.; Schimmel, Paul; Yokoyama, Shigeyuki: Enzyme structure with two catalytic sites for double-sieve selection of substrate. p578 24 Apr 1998.
- Nusbaum, Chad. See Wang, David G.
- Oberhänsli, Hedi: Siberian sediment cores (letter). p19 3 Apr 1998.
- O'Brien, Stephen J. See Smith, Michael W.
- Ocampo, A. See McCord, T. B.
- O'Connor, Patrick M. See Sampson, Scott D.
- Ogino, Hajime and Yasuda, Kunio: Induction of lens differentiation by activation of a bZIP transcription factor, L-Maf. p115 3 Apr 1998.
- Oglesby, David D.; Archuleta, Ralph J.; Nielsen, Stefan B.: Earthquakes on dipping faults: the effects of broken symmetry. p1055 15 May 1998.
- O'Keefe, John. See Maguire, Eleanor A.
- Olmstead, Richard: review of *The Origin and Early Diversification of Land Plants*, by Paul Kenrick and Peter R. Crane. p393 17 Apr 1998.
- Olson, Michael F. See Marais, Richard.
- Olson, Timothy M.; Michels, Virginia V.; Thibodeau, Stephen N.; Tai, Yin-Shan; Keating, Mark T.: Actin mutations in dilated cardiomyopathy, a heritable form of heart failure. p750 1 May 1998.
- Ong, Lydia. See Di Cunto, Ferdinando.
- Ong, N. P. See Krishana, K.
- Ooi, S. See Aubin, H.
- Orcutt, John A. See Canales, J. Pablo. See also Toomey, Douglas R.
- Ortiz-Monasterio, Ivan. See Matson, Pamela A.
- Oskarsson, Marianne K. See Duesbery, Nicholas S.
- Ostrach, Simon: Spacelab's worth (letter). p2027 26 June 1998.
- Ottenhoff, Tom H. M. See de Jong, Rolien.
- Overbaugh, Julie. See Agosto, Moises.
- Ozkaya, Don. See Zhou, Wuzong.

## P, Q, and R

- Padian, Kevin: Bird, dinosaur link (letter). p986 15 May 1998.
- Paerl, Hans W. See Prisco, John C.
- Pahwa, Savita. See Frenkel, Lisa M.
- Pallini, Roberto: Anatomy of "regenerating axons" (letter). p181 10 Apr 1998.
- Pan, Xi. See Mdluli, Khisimuzi.
- Park, Gyeong-Su. See Choy, Jin-Ho.
- Parren, Paul. See Agosto, Moises.
- Parsek, Matthew R. See Davies, David G.
- Parsons, Ramon. See Tamara, Masahito.
- Pateron, Hugh. See Marais, Richard.
- Patterson, K. See Cervino, James M.
- Pauley, Douglas R. See Veazey, Ronald S.
- Paul, Ken D. See Duesbery, Nicholas S.
- Pauls, Thomas: Natron trade, 2000 B.C. (letter). p361 17 Apr 1998.
- Paxson, Vern. See Crowcroft, Jon.
- Pearson, James P. See Davies, David G.
- Pendleton, Yvonne. See Brown, Robert H.
- Pennisi, Elizabeth (news): Building a better aspirin. p1191 22 May 1998. Direct descendants from an RNA world. p673 1 May 1998. DNA sequencers' trial by fire. p814 8 May 1998. Does aspirin ward off cancer and Alzheimer's? p1192 22 May 1998. Females pick good genes in frogs, flies. p1837 19 June 1998. Flying by the seat of their halteres. p201 10 Apr 1998. Funders reassure genome sequencers. p1185 22 May 1998. Genome data shake tree of life. p672 1 May 1998. The key to success is finishing well. p816 8 May 1998. Pharma giant creates genomics institute. p193 10 Apr 1998. Playing with the numbers. p815 8 May 1998. Sifting through and making sense of genome sequences. p1692 12 June 1998. Transferred gene helps plants weather cold snaps. p36 3 Apr 1998. Versatile gene uptake system found in cholera bacterium. p521 24 Apr 1998.
- Pennisi, Elizabeth. See Marshall, Eliot.
- Pereira, Pablo. See Zuany-Amorim, Claudia.
- Periana, Roy A.; Taube, Douglas J.; Gamble, Scott; Taube, Henry; Satoh, Takashi; Fujii, Hiroshi: Platinum catalysts for the high-yield oxidation of methane to a methanol derivative. p560 24 Apr 1998.
- Perkins, Nancy. See Wang, David G.
- Perottoni, C. A. and da Jornada, J. A. H.: Pressure-induced amorphization and negative thermal expansion in  $ZrW_2O_8$ . p886 8 May 1998.
- Perrin, Luc and Telenti, Amalio: HIV treatment failure: testing for HIV resistance in clinical practice. p1871 19 June 1998.
- Peters, Andrew. See Shen, Hong Ming.
- Peters, Christoph. See Nakagawa, Terry.
- Peters, John C. See Hill, James O.
- Peters, Richard. See Sikorski, Robert.
- \_\_\_\_\_ and Sikorski, Robert (Tech.sight): Beauty in simplicity. p456 17 Apr 1998.
- \_\_\_\_\_ PCR on a roller coaster. p1956 19 June 1998.
- \_\_\_\_\_ Showing off your lab. p457 17 Apr 1998.
- \_\_\_\_\_ Zeptomolar damage. p1101 15 May 1998.
- Pethica, John B.: How to have your cake and eat it too. p1715 12 June 1998.
- Petit, Laurent. See Courtney, Susan M.
- Petoukhov, Vladimir. See Ganopolski, Andrey.
- Petrini, John H. J. See Nelms, Benjamin E.
- Pfuetzner, Richard A. See Doyle, Declan A.
- Philips, Anne V.; Timchenko, Lubov T.; Cooper, Thomas A.: Disruption of splicing regulated by a CUG-binding protein in myotonic dystrophy. p737 1 May 1998.
- Phoolcharoen, Wiput: HIV/AIDS prevention in Thailand: success and challenges. p1873 19 June 1998.
- Pieau, Claude. See Richardson, Michael K.
- Pietron, Jeremy J. See Chen, Shaowei.
- Pigott, V. See Stone, E. C.
- Pinckney, James L. See Prisco, John C.
- Pinton, Paolo. See Rizzuto, Rosario.
- Piot, Peter: The science of AIDS: a tale of two worlds (essays on science and society). p1944 19 June 1998.
- Pirolli, Peter L. T. See Huberman, Bernardo A.
- Pistol, M.-E. See Landin, L.
- Pitkow, James E. See Huberman, Bernardo A.
- Pitman, Walter C., III. See Ryan, William B. F.
- Planelles, Vincente. See Agosto, Moises.
- Pleck, J. H. See Turner, C. F.
- Pleij, Cornelis W. A. See Kolk, Michaël H.
- Ploegh, Hidde. See Nakagawa, Terry.
- Ploegh, Hidde L.: Viral strategies of immune evasion. p248 10 Apr 1998.
- Poe, Brent T. See Xu, Yousheng.
- Pollitz, Fred F.; Bürgmann, Roland; Romanowicz, Barbara: Viscosity of oceanic asthenosphere inferred from remote triggering of earthquakes. p1245 22 May 1998.
- Ponce de León, F. Abel. See Cibelli, Jose B.
- Poncharal, Philippe. See Frank, Stefan.
- Pope, Melissa. See Agosto, Moises.
- Porte, Daniel, Jr. See Woods, Stephen C.
- Porter, J. W. See Cervino, James M.
- Porter, Jeffery A. See Cooper, Michael K.
- Pósfai, Mihály; Buseck, Peter R.; Bazylinski, Dennis A.; Frankel, Richard B.: Reaction sequence of iron sulfide minerals in bacteria and their use as biomarkers. p880 8 May 1998.
- Posnett, David N. See Agosto, Moises.
- Potera, Carol (news): New method churns out TB mutants. p1350 29 May 1998.
- Poumay, Y.: Science and the Web (letter). p1173 22 May 1998.
- Pozzan, Tullio. See Rizzuto, Rosario.
- Prentiss, M. See Johnson, K. S.
- Prentiss, Mara G. See Jackman, Rebecca J.
- Prete, Frederick. See Chan, Wai Pang.
- Pretolani, Marina. See Zuany-Amorim, Claudia.

- Pribluda, Victor S. and Green, Shawn J.: A good estrogen (letter). p987 15 May 1998.
- Pritchard, Hazel M. See Brandon, Alan D.
- Primack, Joel R.: A little hot dark matter matters. p1398 29 May 1998.
- Priscu, John C.; Fritsen, Christian H.; Adams, Edward E.; Giovannoni, Stephen J.; Paerl, Hans W.; McKay, Christopher P.; Doran, Peter T.; Gordon, Douglas A.; Lanoil, Brian D.; Pinckney, James L.: Perennial Antarctic lake ice: an oasis for life in a polar desert. p2095 26 June 1998.
- Prober, D. E. See Schoelkopf, R. J.
- Probst, Frank J. See Wang, Aihui.
- ; Fridell, Robert A.; Raphael, Yehoash; Saunders, Thomas L.; Wang, Aihui; Liang, Yong; Morell, Robert J.; Touchman, Jeffrey W.; Lyons, Robert H.; Noben-Trauth, Konrad; Friedman, Thomas B.; Camper, Sally A.: Correction of deafness in *shaker-2* mice by an unconventional myosin in a BAC transgene. p1444 29 May 1998.
- Prochnow, Michael. See Bonn, Daniel.
- Prodeus, Andrew P. See Fischer, Michael B.
- Proudfoot, Nick J. See Birse, Charles E.
- Pryor, C. E. See Landin, L.
- Psenner, Roland and Sattler, Birgit: Life at the freezing point. p2073 26 June 1998.
- Quensen, John F., III; Mueller, Sherry A.; Jain, Mahendra K.; Tiedje, James M.: Reductive dechlorination of DDE to DDMU in marine sediment microcosms. p722 1 May 1998.
- Quirolo, C. See Cervino, James M.
- Rago, Thomas A. See Lupton, John E.
- Raines, Franklin D.: Making the case for federal support of R&D (editorial). p1671 12 June 1998.
- Raisman, Geoffrey. See Li, Ying.
- Ramaswamy, Srinivas. See Mdluli, Khisimuzi.
- Ramer, Sandra W. See Bieber, David.
- Random Samples: Arbitrator rejects plea of Stanford psychiatrist. p41 3 Apr 1998. Archaeology find in Cuba. p1843 19 June 1998. Authentic *Deep Impact*. p1013 15 May 1998. Bioimmersion. p1353 29 May 1998. Bringing high-tech to horse breeding. p207 10 Apr 1998. Child care good for health? p1843 19 June 1998. Chile's mackerel crisis. p1353 29 May 1998. CNRS links up with Georgia Tech. p1353 29 May 1998. Coloring the microworld. p41 3 Apr 1998. A cool new kind of star. p1843 19 June 1998. Double-checking doomsday. p527 24 Apr 1998. Earth's deep thinkers win Crafoord Prize. p831 8 May 1998. Endocrine disrupter fever in Japan. p2053 26 June 1998. Eurobio coming of age? p1199 22 May 1998. An exo-Jupiter? p1531 5 June 1998. Exon's legacy. p1697 12 June 1998. Faculty salaries up. p385 17 Apr 1998. First AIDS vaccine trial launched. p1697 12 June 1998. The first gene marker for IQ? p681 1 May 1998. French biologist honored. p1199 22 May 1998. High-protein crunch. p1353 29 May 1998. Ice's tricky surface. p385 17 Apr 1998. Immunity for breakfast. p831 8 May 1998. Japan's flagging appeal. p831 8 May 1998. Kyoto prizes. p2053 26 June 1998. Labor scholar lawsuit thrown out. p1531 5 June 1998. Lemelson-MIT Prize. p527 24 Apr 1998. *Earth* joints fossil record. p1531 5 June 1998. The mentor. p831 8 May 1998. More humps for solitons. p1697 12 June 1998. Moscow dino egg scramble. p1013 15 May 1998. Neuron growth and ApoE. p1013 15 May 1998. New digs for Ice Man. p207 10 Apr 1998. New ethics code for German scientists. p831 8 May 1998. New promise for silicon. p1199 22 May 1998. NSF board lauds Goodall, NOVA. p41 3 Apr 1998. NSF official pays penalty. p2053 26 June 1998. The nuns' story. p1199 22 May 1998. Oliver no "humanzee". p207 10 Apr 1998. Pain at Georgetown Medical Center. p1531 5 June 1998. Polar bears and PCBs. p2053 26 June 1998. Radio daddy. p1697 12 June 1998. Radish rhubarb over *E. coli*. p527 24 Apr 1998. Red alert for plants. p385 17 Apr 1998. Rehashing TIMSS. p385 17 Apr 1998. Ruffled deans and tenured drones. p681 1 May 1998. Solar tornadoes. p681 1 May 1998. Supercool fingers. p41 3 Apr 1998. Taj Mahal rehab. p681 1 May 1998. Thunderstorms ripple upper atmosphere. p207 10 Apr 1998. Whale of an idea. p1843 19 June 1998. Wonder wheat. p527 24 Apr 1998.
- Rannala, B. and Slatkin, M.: Linkage disequilibrium mapping and Parkinson's disease (technical comment). p175 10 Apr 1998. www.sciencemag.org/cgi/content/full/280/5361/175a
- Rao, Jianghong; Lahiri, Joydeep; Isaacs, Lyle; Weis, Robert M.; Whitesides, George M.: A trivalent system from vancomycin-D-Ala-D-Ala with higher affinity than avidin-biotin. p708 1 May 1998.
- Raphael, Yehoash. See Probst, Frank J.
- Rasooly, Avraham. See Balaban, Naomi.
- Rasooly, Reuven. See Balaban, Naomi.
- Rassam, G. N.: Access to information on the Web (letter). p1817 19 June 1998.
- Raven, Peter H.: Wildlife conservation in Kenya (letter). p1510 5 June 1998.
- Ravishankara, A. R.; Hancock, G.; Kawasaki, M.; Matsumi, Y.: Photochemistry of ozone: surprises and recent lessons. p60 3 Apr 1998.
- Ravoavy, Florent. See Sampson, Scott D.
- Ray, G. Carleton; Watkins, W. A.; Wartzok, D.: Hidden lives of seals (letter). p505 24 Apr 1998.
- Ray, Krishanu. See Sakowicz, Roman.
- Raynaud, Albert. See Richardson, Michael K.
- Reader, August L.: Shifty eyes (letter). p657 1 May 1998.
- Reddington, Erik; Sapienza, Anthony; Gurau, Bogdan; Viswanathan, Rameshkrishnan; Sarangapani, S.; Smotkin, Eugene S.; Mallouk, Thomas E.: Combinatorial electrochemistry: a highly parallel, optical screening method for discovery of better electrocatalysts. p1735 12 June 1998.
- Redfearn, Judy (news): Euro networks aim to train postdocs, build a community. p1344 29 May 1998.
- Rees, Geraint. See Lumer, Erik D.
- Reeve, John N. See Sandman, Kathleen.
- Rehm, Heidi L. See Eudy, James D.
- Ren, Dong: Flower-associated brachycera flies as fossil evidence for Jurassic angiosperm origins. p85 3 Apr 1998.
- Reuveny, Eitan. See Ford, Carolyn E.
- Reynolds, Joel H.: Causal systems in ecology (letter). p988 15 May 1998.
- Rezaei, M. A. See Stipe, B. C.
- Ribeiro, Ralf C. J. See Feng, Weijun.
- Ricard, Louis. See Avarvari, Narcis.
- Ricciardi, Dana D. See Voigt, Herbert F.
- Rice, R. E. See Bowles, Ian A.
- Richards, Mark A. See Bunge, Hans-Peter.
- Richards, Robert J. See Richardson, Michael K.
- Richardson, Michael K.; Hanken, James; Selwood, Lynne; Wright, Glenda M.; Richards, Robert J.; Pieau, Claude; Raynaud, Albert: Haeckel, embryos, and evolution (letter). p983 15 May 1998.
- Richter, Hans-Thomas. See Luecke, Hartmut.
- Ridgley, Rose M. See Balaban, Naomi.
- Righter, Kevin and Hauri, Erik H.: Compatibility of rhenium in garnet during mantle melting and magma genesis. p1737 12 June 1998.
- Ringold, John C. See Howe, James R.
- Rini, James M. See Nagar, Bhushan.
- Rinzler, Andrew G. See Liu, Jie.
- Rioux, John. See Wang, David G.
- Ritchie, D. A. See Jones, T. H.
- Rizzuto, Carlo D.; Wyatt, Richard; Hernández-Ramos, Nivia; Sun, Ying; Kwong, Peter D.; Hendrickson, Wayne A.; Sodroski, Joseph: A conserved HIV gp120 glycoprotein structure involved in chemokine receptor binding. p1949 19 June 1998.
- Rizzuto, Rosario; Pinton, Paolo; Carrington, Walter; Fay, Frederic S.; Fogarty, Kevin E.; Lifshitz, Lawrence M.; Tuft, Richard A.; Pozzan, Tullio: Close contacts with the endoplasmic reticulum as determinants of mitochondrial  $Ca^{2+}$  responses. p1763 12 June 1998.
- Roberts, Norbert J., Jr. See Frenkel, Lisa M.
- Robinson, Elizabeth. See Wang, David G.
- Robl, James M. See Cibelli, Jose B.
- Rocheleau, Thomas A. See Bowen, David.
- Rockman, Howard A. See Akhter, Shahab A.
- Rodriguez-Esteban, Concepción. See Kengaku, Mineko.
- Rodriguez-Macias, Fernando. See Liu, Jie.
- Roe, Emery: Ecological science and statistical paradigms (letter). p807 8 May 1998.
- Rogers, S. M. See Turner, C. F.
- Romanowicz, Barbara A. See Pollitz, Fred F.
- Romanowicz, Barbara A. See Bunge, Hans-Peter.
- Rosal, Ramon. See Ford, Carolyn E.
- Roscoe, Stephen B.; Fréchet, Jean M. J.; Walzer, John F.; Dias, Anthony J.: Polyolefin spheres from metallocenes supported on noninteracting polystyrene. p270 10 Apr 1998.
- Roscoe, William. See Hart, Matthew J.
- Rosenmund, Christian; Stern-Bach, Yael; Stevens, Charles F.: The tetrameric structure of a glutamate receptor channel. p1596 5 June 1998.
- Rosenzweig, Michael. See Veazey, Ronald S.
- Rotberg, Iris C.: Interpretation of international test score comparisons. p1030 15 May 1998.
- Roth, Stina. See Howe, James R.
- Roth, Wera. See Nakagawa, Terry.
- Rousseaux, F. See Chappert, C.
- Rowlinson, Scott W. See Kalgutkar, Amit S.
- Rozen, Steve. See Wang, David G.
- Ruben, John: review of *Encyclopedia of Dinosaurs*, edited by Philip J. Currie and Kevin Padian. p224 10 Apr 1998.
- Rubie, David C. See Xu, Yousheng.
- Rudensky, Alexander Y. See Nakagawa, Terry.
- Ruffie, Claude. See Zuany-Amorim, Claudia.
- Rundquist, Andy; Durfee, Charles G., III; Chang, Zenghu; Herne, Catherine; Backus, Sterling; Murnane, Margaret M.; Kapteyn, Henry C.: Phase-matched generation of coherent soft x-rays. p1412 29 May 1998.
- Ruocco, Giancarlo. See Sette, Francesco.
- Ruokolainen, J.; Mäkinen, R.; Torkkeli, M.; Mäkelä, T.; Serimaa, R.; ten Brinke, G.; Ikkala, O.: Switching supramolecular polymeric materials with multiple length scales. p557 24 Apr 1998.
- Russell, C. T.; Khurana, K. K.; Huddleston, D. E.; Kivelson, M. G.: Localized reconnection in the near jovian magnetotail. p1061 15 May 1998.
- Russell, Paul. See Boddy, Michael N.
- Russell, Sara S. See McKeegan, Kevin D.
- Ryan, William B. F. and Pitman, Walter C., III: The Black Sea: a freshwater lake? (letter). p503 24 Apr 1998.

S

- Saito, Hisashi; Kanamori, Yutaka; Takemori, Toshitada; Nariuchi, Hideo; Kubota, Eiro; Takahashi-Iwanaga, Hiromi; Iwanaga, Toshihiko; Ishikawa, Hiromichi: Generation of intestinal T cells from progenitors residing in gut cryptopatches. p275 10 Apr 1998.
- Sakowicz, Roman; Berdelis, Michael S.; Ray, Krishanu; Blackburn, Christine L.; Hopmann, Cordula; Faulkner, D. John; Goldstein, Lawrence S. B.: A marine natural product inhibitor of kinesin motors. p292 10 Apr 1998.
- Sampson, Scott D. See Forster, Catherine A.
- ; Witmer, Lawrence M.; Forster, Catherine A.; Krause, David W.; O'Connor, Patrick M.;

- Dodson, Peter; Ravoavy, Florent: Predatory dinosaur remains from Madagascar: implications for the Cretaceous biogeography of Gondwana. p1048 15 May 1998.
- Samuelson, L. See Landin, L.
- Sandler, Merton: review of *The Antidepressant Era*, by David Healy. p1709 12 June 1998.
- Sandman, Kathleen and Reeve, John N.: Origin of the eukaryotic nucleus (letter). p501 24 Apr 1998.
- Sapienza, Anthony. See Reddington, Erik.
- Sapolsky, Ron. See Wang, David G.
- Sarangapani, S. See Reddington, Erik.
- Satoh, Takashi. See Periana, Roy A.
- Sattler, Birgit. See Psenner, Roland.
- Saunders, Thomas L. See Probst, Frank J.
- Sawyer, G. J.: Kennewick man (letter). p18 3 Apr 1998.
- Schaaff, T. Gregory. See Chen, Shaowei.
- Schabenberger, Oliver. See Jaglo-Ottosen, Kirsten R.
- Schacter, Daniel L.: Memory and awareness. p59 3 Apr 1998.
- Schedletzky, O. See Glaser, S. J.
- Scheirer, Daniel S.; Forsyth, Donald W.; Cormier, Marie-Hélène; Macdonald, Ken C.: Shipboard geophysical indications of asymmetry and melt production beneath the East Pacific Rise near the MELT experiment. p1221 22 May 1998.
- Schilling, Govert (news): Biggest telescope opens one eye. p1520 5 June 1998. How to turn a big scope into a virtual behemoth. p671 1 May 1998. Last hurrah for an infrared satellite. p678 1 May 1998. Spying on solar systems in the making. p523 24 Apr 1998. Supernova and gamma bursts may have common source. p1836 19 June 1998. World's biggest telescope is about to see the light. p670 1 May 1998.
- Schimmel, Paul. See Nureki, Osamu.
- Schlein, Lisa (news): WHO's slow road to funding reform. p1187 22 May 1998.
- Schmidt-Rohr, K.; Hu, W.; Zumbulyadis, N.: Elucidation of the chain conformation in a glassy polyester, PET, by two-dimensional NMR. p714 1 May 1998.
- Schneider, Armin. See Griffiths, Ian.
- Schneider, M.; Schreiber, U.; Stedman, G. E.: Ring laser design (letter). p659 1 May 1998.
- Schoelkopf, R. J.; Wahlgren, P.; Kozhevnikov, A. A.; Delsing, P.; Prober, D. E.: The radio-frequency single-electron transistor (RF-SET): a fast and ultrasensitive electrometer. p1238 22 May 1998.
- Schoolnik, Gary K. See Bieber, David.
- Schreiber, U. See Schneider, M.
- Schubert, G. See Anderson, J. D.
- Schulte-Herbrüggen, T. See Glaser, S. J.
- Schuster, Peter. See Fontana, Walter.
- Schwab, Markus H. See Griffiths, Ian.
- Schwan, Tom G. and Hinnebusch, B. Joseph: Bloodstream- versus tick-associated variants of a relapsing fever bacterium. p1934 19 June 1998.
- Schwartz, Michael W. See Woods, Stephen C.
- Schweizer, Michael. See Lee, Michael.
- ScienceScope: Ag bill home free. p1681 12 June 1998. Ag research windfall in jeopardy. p1825 19 June 1998. Agglomerating statistics. p23 3 Apr 1998. AIDS office head picked. p1181 22 May 1998. Another kick for Japan's economy. p23 3 Apr 1998. Apollo project for the heart? p1681 12 June 1998. Biologists rally for forest law. p663 1 May 1998. Biotech blitzkrieg. p1825 19 June 1998. Canadian science attachés at risk. p663 1 May 1998. Congress smiles on Ag research. p23 3 Apr 1998. Court nixes NSF's Internet funding source. p367 17 Apr 1998. Defining "science" for the people. p663 1 May 1998. DOD axes grad student program. p2037 26 June 1998. Drug industry faces towering R&D costs. p1181 22 May 1998. Earth satellite launch put on hold. p367 17 Apr 1998. Finding a home for Kennewick bones. p1515 5 June 1998. Forests and free trade. p367 17 Apr 1998. Frog alarm. p1181 22 May 1998. G8 backs malaria effort. p1335 29 May 1998. Gingrich wows science board. p993 15 May 1998. Government plucks up Kennewick finger. p813 8 May 1998. Hacker hits DOE lab. p1825 19 June 1998. Horse talk. p1681 12 June 1998. Indian scientists laud nuke testing. p993 15 May 1998. Kenya wildlife chief ousted. p1335 29 May 1998. Lane, Colwell prepare for Senate exam. p189 10 Apr 1998. A leader for FDA. p1181 22 May 1998. Material wellbeing. p509 24 Apr 1998. Molecular bio lab for Asia? p1515 5 June 1998. NAS separates itself from Kyoto petition. p509 24 Apr 1998. New world view at MacArthur Foundation. p23 3 Apr 1998. No more neurolabs. p993 15 May 1998. NSF. Nothing the matter with antimatter probe. p1825 19 June 1998. NSF hits Internet jackpot. p813 8 May 1998. NSF settles race suit. p2037 26 June 1998. NSF tries assessing school reform again. p1335 29 May 1998. On the Greenland meteorite trail. p993 15 May 1998. Out of prison, Gajdusek heads for Europe. p663 1 May 1998. Patent chief denies he's leaving. p189 10 Apr 1998. Politics and peer review. p1825 19 June 1998. Prewitt to take on census. p813 8 May 1998. Raising the quota on foreign scientists. p1335 29 May 1998. Red alert. p509 24 Apr 1998. Researchers weigh new cloning controls. p509 24 Apr 1998. RIKEN chief runs for office. p1181 22 May 1998. Russia's science cities face squeeze. p189 10 Apr 1998. Science shops in Canadian universities. p1515 5 June 1998. Sequence, sequence, sequence. p1515 5 June 1998. Sex and science. p367 17 Apr 1998. Six possible planets. p2037 26 June 1998. Stanford surgeon tells all. p813 8 May 1998. Station grounded until November. p1681 12 June 1998. Status boost for DOD medical research? p1681 12 June 1998. Team approach to millimeter astronomy. p2037 26 June 1998. U.S. and Cuba asked to ease restrictions. p189 10 Apr 1998. U.S. braces for Hantavirus outbreak. p993 15 May 1998.
- Scott, Steven. See Balaban, Naomi.
- Seeley, Randy J. See Woods, Stephen C.
- Segal, Antony W. See Altare, Frédéric.
- Segev, Mordechai. See Chen, Zhigang.
- Seibert, Karen. See Kalgutkar, Amit S.
- Seidel, George E. See Anderson, Gary B.
- Seidler, Horst. See Conroy, Glenn C.
- Selwood, Lynne. See Richardson, Michael K.
- Semlitsch, Raymond D. See Welch, Allison M.
- Serghiou, G.; Zerr, A.; Boehler, R.: (Mg,Fe)SiO<sub>3</sub>-perovskite stability under lower mantle conditions. p2093 26 June 1998.
- Serimaa, R. See Ruokolainen, J.
- Service, Robert F. (news): Beam splitter teases out phase secrets. p828 8 May 1998. Catalytic explanation for natural gas. p524 24 Apr 1998. The fast way to a better fuel cell. p1690 12 June 1998. The fastest counter of the smallest beans. p1193 22 May 1998. New fullerene rounds out the family. p2044 26 June 1998. New probes open windows on gene expression, and more. p1010 15 May 1998. Picking up the pace of sequencing. p995 15 May 1998. A record in converting photons to fuel. p382 17 Apr 1998. Transistors and diodes link and light up. p1691 12 June 1998. Will new catalyst finally tame methane? p525 24 Apr 1998.
- Seth, Prem K. See Di Cunto, Ferdinando.
- Sette, Francesco; Krich, Michael H.; Masciovecchio, Claudio; Ruocco, Giancarlo; Monaco, Giulio: Dynamics of glasses and glass-forming liquids studied by inelastic x-ray scattering. p1550 5 June 1998.
- Seyfarth, Ernst-August. See Voigt, Herbert F.
- Shahi, Gurinder. See Ip, Nancy Y.
- Shankland, Thomas J. See Xu, Yousheng.
- Shannon, M. C. and Agee, C. B.: Percolation of core melts at lower mantle conditions. p1059 15 May 1998.
- Shapiro, Matthew. See Kentros, Cliff.
- Sheehan, Anne F. See Shen, Yang.
- Shekter, Lee R. See Ford, Carolyn E.
- Shelimov, Konstantin. See Liu, Jie.
- Shen, Hong Ming; Peters, Andrew; Baron, Beverly; Zhu, Xiangdong; Storb, Ursula: Mutation of BCL-6 gene in normal B cells by the process of somatic hypermutation of Ig genes. p1750 12 June 1998.
- Shen, LiMing. See Fischer, Michael B.
- Shen, Naiping. See Wang, David G.
- Shen, Yang. See Forsyth, Donald W.
- \_\_\_\_\_, Sheehan, Anne F.; Dueker, Kenneth G.; de Groot-Hedlin, Catherine; Gilbert, Hersh: Mantle discontinuity structure beneath the southern East Pacific Rise from P-to-S converted phases. p1232 22 May 1998.
- Shen, Z.-X.; White, P. J.; Feng, D. L.; Kim, C.; Gu, G. D.; Ikeda, H.; Yoshizaki, R.; Koshizuka, N.: Temperature-induced momentum-dependent spectral weight transfer in Bi<sub>2</sub>Str<sub>2</sub>CaCu<sub>2</sub>O<sub>8+δ</sub>. p259 10 Apr 1998.
- Shenolikar, Shirish. See Blitzer, Robert D.
- Shephard, Douglas S. See Zhou, Wuzong.
- Sheppard, S. M. F. See Barrat, J. A.
- Shimada, Atsushi. See Nureki, Osamu.
- Shimizu, Nobumichi. See Hassler, Deborah R.
- Shinzawa-Itoh, Kyoko. See Yoshikawa, Shinya.
- Shishido, Emiko; Takeishi, Masatoshi; Nose, Aki-nao: *Drosophila* synapse formation: regulation by transmembrane protein with Leu-rich repeats, CAPRICIOUS. p2118 26 June 1998.
- Shoemaker, C. S. See Farley, K. A.
- Shoemaker, E. M. See Farley, K. A.
- Shon, Young-Seok. See Liu, Jie.
- Shrager, Jeff: Wizards of Microsoft (letter). p18 3 Apr 1998.
- Shvets, Daniel E. See Veazey, Ronald S.
- Siao, Chia-Jen. See Wang, David G.
- Sieveking, M. See Glaser, S. J.
- Sikorski, Robert. See Peters, Richard.
- \_\_\_\_\_, and Peters, Richard: Automating a mouse (Tech.sight). p1101 15 May 1998.
- \_\_\_\_\_, Demystifying intranets. p1957 19 June 1998.
- \_\_\_\_\_, Homing viruses. p1958 19 June 1998.
- \_\_\_\_\_, Internet connectivity. p1102 15 May 1998.
- \_\_\_\_\_, Synthetic protease switch. p456 17 Apr 1998.
- Siliciano, Robert. See Agosto, Moises.
- Silk, Joseph. See Gawiser, Eric.
- Silva, Marina: Bioresources and "biopiracy" in Brazil (letter). p657 1 May 1998.
- Silverstein, Scot: Mideast peace and scientific collaboration (letter). p179 10 Apr 1998.
- Singer, Robert H.: Triplet-repeat transcripts: a role for RNA in disease. p696 1 May 1998.
- Singer, Robert H. See Femino, Andrea M.
- Singer, William D. See Hart, Matthew J. See also Kozasa, Tohru.
- Singh, Surinder. See Lee, Michael.
- Sirringhaus, Henning; Tessler, Nir; Friend, Richard H.: Integrated optoelectronic devices based on conjugated polymers. p1741 12 June 1998.
- Sistonen, Pertti. See Howe, James R.
- Sivco, Deborah L. See Gmachl, Claire.
- Sjödahl, Staffan. See Lee, Michael.
- Sjogren, W. L. See Anderson, J. D.
- Skiba, Nikolai P. See Ford, Carolyn E.
- Slatkin, M. See Rannala, B.
- Slayden, Richard A. See Mdluli, Khisimuzi.
- Smalley, Richard E. See Liu, Jie.
- Smith, Clayton A. See Lan, Ning.
- Smith, Françoise J. See Campfield, L. Arthur.
- Smith, G. W. See Cervino, James M.

- Smith, Hamilton O. See Venter, J. Craig.  
 Smith, John N. See Edmonds, Henrietta N.  
 Smith, Michael W.; Dean, Michael; Carrington, Mary; Winkler, Cheryl; O'Brien, Stephen J.: Progression to AIDS (letter). p1820 19 June 1998.  
 Smotkin, Eugene S. See Reddington, Erik.  
 Smythe, W. D. See McCord, T. B.  
 Snider, Gregory S. See Heath, James R.  
 Sodroski, Joseph. See Rizzuto, Carlo D. See also Wyatt, Richard.  
 Solomon, Sean C. See Toomey, Douglas R. See also Wolfe, Cecily J.  
 Sommerdijk, Nico A. J. M. See Cornelissen, Jeroen J. L. M.  
 Sonenstein, F. L. See Turner, C. F.  
 Sørensen, O. W. See Glaser, S. J.  
 Southon, John R. See Taylor, R. E.  
 Spalding, Edgar P. See Hirsch, Rebecca E.  
 Spear, Patricia G. See Geraghty, Robert J.  
 Speer, Kevin G.: A new spin on hydrothermal plumes. p1034 15 May 1998.  
 Spencer, Jessica. See Wang, David G.  
 Squire, Larry R. See Clark, Robert E.  
 Stahlberg, H. See Liley, M.  
 Stahle, David W.; Cleaveland, Malcolm K.; Blanton, Dennis B.; Therrell, Matthew D.; Gay, David A.: The Lost Colony and Jamestown droughts. p564 24 Apr 1998.  
 Staknis, David. See Darlington, Thomas K. See also Gekakis, Nicholas.  
 Stamou, D. See Liley, M.  
 Stams, Travis; Niranjanakumari, S.; Fierke, Carol A.; Christianson, David W.: Ribonuclease P protein structure: evolutionary origins in the translational apparatus. p752 1 May 1998.  
 Stang, Stacey L. See Ebinu, Julius O.  
 Staskus, Katherine. See Frenkel, Lisa M.  
 Staudacher, Thomas. See Kunz, Joachim.  
 Stedman, G. E. See Schneider, M.  
 Steel, Karen P. and Brown, Steve D. M.: More deafness genes. p1403 29 May 1998.  
 Steeves, Thomas D. L. See Darlington, Thomas K.  
 Stein, Lincoln. See Wang, David G.  
 Steinauer, Ernest M. See Collins, Scott L.  
 Steinbach, Martin J.: Owls and early learning (letter). p361 17 Apr 1998.  
 Steinman, Ralph. See Agosto, Moises.  
 Steketee, Richard W. See Frenkel, Lisa M.  
 Stern-Bach, Yael. See Rosenmund, Christian.  
 Sternberg, Esther M.: review of *The Powerful Placebo*, by Arthur K. Shapiro and Elaine Shapiro. p1901 19 June 1998.  
 Sternweis, Pamela M. See Kozasa, Tohru.  
 Sternweis, Paul C. See Hart, Matthew J. See also Kozasa, Tohru.  
 Stevens, Charles F. See Rosenmund, Christian.  
 Stevenson, Mario. See Agosto, Moises.  
 Stice, Steve L. See Cibelli, Jose B.  
 Stillman, Bruce. See Zou, Lee.  
 Stipe, B. C.; Rezaei, M. A.; Ho, W.: Single-molecule vibrational spectroscopy and microscopy. p1732 12 June 1998.  
 Stone, A. Douglas. See Gmachl, Claire.  
 Stone, E. C.; Lindsley, D. H.; Pigott, V.; Harbottle, G.; Ford, M. T.: From shifting silt to solid stone: the manufacture of synthetic basalt in ancient Mesopotamia. p2091 26 June 1998.  
 Stone, Edwin M. See Howe, James R.  
 Stone, James C. See Ebinu, Julius O.  
 Stone, Mutsumi (news): Jumbo gene offers clue to Parkinson's. p203 10 Apr 1998.  
 Stone, Richard (news): Bailout for drug research institute. p372 17 Apr 1998. A new initiative for Russian science. p1336 29 May 1998. Reformer named science minister. p821 8 May 1998. U.S. blacklists Russian institutes. p513 24 Apr 1998. Yellowstone rising again from ashes of devastating fires. p1527 5 June 1998.  
 Stoorvogel, Willem. See Dell'Angelica, Esteban C.  
 Storb, Ursula. See Shen, Hong Ming.  
 Stössel, Achim. See Kim, Seong-Joong.  
 Strauss, Evelyn (news): New clue to how anthrax kills. p676 1 May 1998. One-eyed animals implicate cholesterol in development. p1528 5 June 1998. A possible new approach to combating staph infections. p379 17 Apr 1998. Possible new weapon for insect control. p2050 26 June 1998. Writing, speech separated in split brain. p827 8 May 1998.  
 Stymne, Sten. See Lee, Michael.  
 Sukhan, Anand. See Kubori, Tomoko.  
 Sullenger, Bruce A. See Lan, Ning.  
 Sumegi, Janos. See Eudy, James D.  
 Summers, Robert W. See Howe, James R.  
 Sun, Ying. See Rizzuto, Carlo D.  
 Sussman, Michael R. See Hirsch, Rebecca E.  
 Suter, Sherman: review of *The Code of Kings*, by Linda Schele and Peter Mathews. p1396 29 May 1998.  
 Sutton, Granger G. See Venter, J. Craig.  
 Swanstrom, Ronald. See Agosto, Moises.  
 Swaroop, Anand. See Eudy, James D.  
 Switzer, Christopher. See Green, Rachel.  
 Symons, Marc. See Kheradmand, Farrah.
- ### T, U, and V
- Tabata, Hitoshi. See Ueda, Kenji.  
 Tabin, Clifford J. See Kengaku, Mineko.  
 Tai, Yin-Shan. See Olson, Timothy M.  
 Takahashi, Joseph S. See Darlington, Thomas K. See also Gekakis, Nicholas.  
 Takahashi-Iwanaga, Hiromi. See Saito, Hisashi.  
 Takeishi, Masatoshi. See Shishido, Emiko.  
 Takemori, Toshitada. See Saito, Hisashi.  
 Takenaka, Katsuya; Moriguchi, Tetsuo; Nishida, Eisuke: Activation of the protein kinase p38 in the spindle assembly checkpoint and mitotic arrest. p599 24 Apr 1998.  
 Talmadge, Catherine B. See Eudy, James D.  
 Tamayo, Marta. See Eudy, James D.  
 Tamegai, T. See Aubin, H.  
 Tamura, Masahito; Gu, Jianguo; Matsumoto, Kazue; Aota, Shin-ichi; Parsons, Ramon; Yamada, Kenneth M.: Inhibition of cell migration, spreading, and focal adhesions by tumor suppressor PTEN. p1614 5 June 1998.  
 Tan, S. See del Pozo, J. C.  
 Tatenno, Masaru. See Nureki, Osamu.  
 Taube, Douglas J. See Periana, Roy A.  
 Taube, Henry. See Periana, Roy A.  
 Taubes, Gary (news): As obesity rates rise, experts struggle to explain why. p1367 29 May 1998. Weight increases worldwide? p1368 29 May 1998.  
 Tayler, Elizabeth. See Nabarro, David N.  
 Taylor, R. E.; Kirner, Donna L.; Southon, John R.; Chatters, James C.: Radiocarbon dates of Kennewick man (letter). p1171 22 May 1998.  
 Taylor, Steven J. and Morken, James P.: Thermographic selection of effective catalysts from an encoded polymer-bound library. p267 10 Apr 1998.  
 Telenti, Amalio. See Perrin, Luc.  
 Teller, Edward: Science and morality (essays on science and society). p1200 22 May 1998.  
 Temkin, Richard: Scanning with ease through the far infrared. p854 8 May 1998.  
 ten Brinke, G. See Ruokolainen, J.  
 Tessler, Nir. See Sirringhaus, Henning.  
 Thea, Donald M. See Frenkel, Lisa M.  
 Theiler, James. See Korber, Bette.  
 Therrell, Matthew D. See Stahle, David W.  
 Thibodeau, Stephen N. See Olson, Timothy M.  
 Thiemens, Mark H. See Farquhar, James.  
 Thomas, A. L. R. See Garner, J. P.  
 Thomas, John Meurig. See Zhou, Wuzong.  
 Thomashow, Michael F. See Jaglo-Ottosen, Kirsten R.  
 Thompson, L. J. See Jones, T. H.  
 Thompson, Richard F. See Kim, Jeansok J.  
 Thomson, Christine. See Griffiths, Ian.  
 Thywissen, J. H. See Johnson, K. S.  
 Tiedje, James M. See Quensen, John F., III.  
 Timchenko, Lubov T. See Phillips, Anne V.  
 Timpte, C. See del Pozo, J. C.  
 Tobe, Toru. See Bieber, David.  
 Tobias, Phillip V. See Conroy, Glenn C.  
 Tocchini-Valentini, Glauco P. See Fabbri, Stefania.  
 Tokura, Yasuhide. See Fiebig, Manfred.  
 Tomioka, Yoshinori. See Fiebig, Manfred.  
 Tomizaki, Takashi. See Yoshikawa, Shinya.  
 Tomlinson, Ian P. M. See Howe, James R.  
 Toomey, Douglas R.; Wilcock, William S. D.; Solomon, Sean C.; Hammond, William C.; Orcutt, John A.: Mantle seismic structure beneath the MELT region of the East Pacific Rise from P and S wave tomography. p1224 22 May 1998.  
 Topaloglou, Thodoros. See Wang, David G.  
 Topley, Gabrielle. See Di Cunto, Ferdinando.  
 Torkkeli, M. See Ruokolainen, J.  
 Touchman, Jeffrey W. See Probst, Frank J. See also Wang, Aihui.  
 Tremble, Patrice. See Kheradmand, Farrah.  
 Trotta, Christopher R. See Li, Hong.  
 Tsien, Roger Y. and Miyawaki, Atsushi: Seeing the machinery of live cells (Tech.sight). p1954 19 June 1998.  
 Tsonis, Anastasios A.: review of *Fractal River Basins*, by Ignacio Rodriguez-Iturbe and Andrea Rinaldo. p1210 22 May 1998.  
 Tsou, Chen-Lu: Science and scientists in China (essays on science and society). p528 24 Apr 1998.  
 Tsukihara, Tomitake. See Yoshikawa, Shinya.  
 Tsuzuki, Wakako. See Williams, Dudley H.  
 Tuft, Richard A. See Rizzuto, Rosario.  
 Turner, C. F.; Ku, L.; Rogers, S. M.; Lindberg, L. D.; Pleck, J. H.; Sonenstein, F. L.: Adolescent sexual behavior, drug use, and violence: increased reporting with computer survey technology. p867 8 May 1998.  
 Turner, John A. See Khaselev, Oscar.  
 Turner, John G. See Xie, Dao-Xin.  
 Ueda, Kenji; Tabata, Hitoshi; Kawai, Tomoji: Ferromagnetism in LaFeO<sub>3</sub>-LaCrO<sub>3</sub> superlattices. p1064 15 May 1998.  
 Ungerleider, Leslie G. See Courtney, Susan M.  
 Uralil, Jaimol. See Kubori, Tomoko.  
 van Breda Vriesman, Peter J. C. See de Jong, Rolien.  
 van der Graaf, Marinette. See Kolk, Michaël H.  
 van Dissel, Jaap T. See de Jong, Rolien.  
 van Gent, Dik C. See Melek, Meni.  
 Van Parijs, Luk and Abbas, Abul K.: Homeostasis and self-tolerance in the immune system: turning lymphocytes off. p243 10 Apr 1998.  
 van Turennot, Miranda; Hagooort, Peter; Brown, Colin M.: Brain activity during speaking: from syntax to phonology in 40 milliseconds. p572 24 Apr 1998.  
 Vande Woude, George. See Duesbery, Nicholas.  
 Vande Woude, George F. See Duesbery, Nicholas S.  
 Vargaffig, B. Boris. See Zuany-Amorim, Claudia.  
 Varmus, Harold and Nathanson, Neal: Science and the control of AIDS (editorial). p1815 19 June 1998.  
 Vassilyev, Dmitry G. See Nureki, Osamu.  
 Vaupel, James W.: Demographic thinking (letter). p986 15 May 1998.  
 ———; Carey, James R.; Christensen, Kaare; Johnson, Thomas E.; Yashin, Anatoli I.; Holm, Niels V.; Iachine, Ivan A.; Kannisto, Väinö; Khazaeli, Aziz A.; Liedo, Pablo; Longo, Valter D.; Zeng, Yi; Manton, Kenneth G.; Curtsinger, James W.: Biodemographic trajectories of longevity. p855 8 May 1998.

Veazey, Ronald S.; DeMaria, MaryAnn; Chalifoux, Laura V.; Shvets, Daniel E.; Pauley, Douglas R.; Knight, Heather L.; Rosenzweig, Michael; Johnson, R. Paul; Desrosiers, Ronald C.; Lackner, Andrew A.: Gastrointestinal tract as a major site of CD4<sup>+</sup> T cell depletion and viral replication in SIV infection. p427 17 Apr 1998.

Veeder, Glenn J. See Brown, Robert H.

Venter, J. Craig; Adams, Mark D.; Sutton, Granger G.; Kerlavage, Anthony R.; Smith, Hamilton O.; Hunkapiller, Michael: Shotgun sequencing of the human genome. p1540 5 June 1998.

Vielle-Calzada, Jean-Philippe. See Grossniklaus, Ueli.

Vilensky, Joel A. and Gilman, Sid: Renaming the "Henneman size principle" (letter). p2031 26 June 1998.

Villadangos, Jose A. See Nakagawa, Terry.

Visvanathan, Shiv: A celebration of difference: science and democracy in India (essays on science and society). p42 3 Apr 1998.

Viswanathan, Rameshkrishnan. See Reddington, Erik.

Vogel, Gretchen (news): An institute for planet Earth. p1182 22 May 1998. Embryo's organizational chart redrawn. p1838 19 June 1998. A mini-Earth struggles for respectability. p1183 22 May 1998. Tau protein mutations confirmed as neuron killers. p1524 5 June 1998. and Lawler, Andrew: Hot year, but cool response in Congress. p1684 12 June 1998.

Vogel, H. See Liley, M.

Vogelstein, Bert. See Kinzler, Kenneth W.

Voigt, Herbert F.; Ricciardi, Dana D.; Seyfarth, Ernst-August: Funding themselves and others (letter). p657 1 May 1998.

Voss, David: Quantum trick shots. p1213 22 May 1998.

## W-Z

Wadzinski, Brian E. See Westphal, Ryan S.

Wager-Smith, Karen. See Darlington, Thomas K.

Wagner, Richard L. See Feng, Weijun.

Wahlgren, P. See Schoelkopf, R. J.

Walker, Bruce D. See Agosto, Moises.

Walker, Richard J. See Brandon, Alan D.

Walsh, B. Timothy and Devlin, Michael J.: Eating disorders: progress and problems. p1387 29 May 1998.

Walzer, John F. See Roscoe, Stephen B.

Wang, Aihui. See Probst, Frank J.

—; Liang, Yong; Fridell, Robert A.; Probst, Frank J.; Wilcox, Edward R.; Touchman, Jeffrey W.; Morton, Cynthia C.; Morell, Robert J.; Noben-Trauth, Konrad; Camper, Sally A.; Friedman, Thomas B.: Association of unconventional myosin MYO15 mutations with human nonsyndromic deafness *DFNB3*. p1447 29 May 1998.

Wang, David G.; Fan, Jian-Bing; Siao, Chia-Jen; Berno, Anthony; Young, Peter; Sapolsky, Ron; Ghandour, Ghassan; Perkins, Nancy; Winchester, Ellen; Spencer, Jessica; Kruglyak, Leonid; Stein, Lincoln; Hsie, Linda; Topaloglou, Thodoros; Hubbell, Earl; Robinson, Elizabeth; Mittmann, Michael; Morris, Macdonald S.; Shen, Naiping; Kilburn, Dan; Rioux, John; Nusbaum, Chad; Rosen, Steve; Hudson, Thomas J.; Lipshutz, Robert; Chee, Mark; Lander, Eric C.: Large-scale identification, mapping, and genotyping of single-nucleotide polymorphisms in the human genome. p1077 15 May 1998.

Wang, W. See Bowring, S. A.

Wang, Z. L. See Frank, Stefan.

Ward, William R. and Hahn, Joseph M.: Neptune's eccentricity and the nature of the Kuiper belt. p2104 26 June 1998.

Warren, Warren S.: Rethinking solution NMR.

p398 17 Apr 1998.

Wartzok, D. See Ray, G. Carleton.

Watkins, W. A. See Ray, G. Carleton.

Watson, Andrew (news): Einstein's theory rings true. p205 10 Apr 1998.

Webb, Craig P. See Duesbery, Nicholas S.

Webb, Spahr C. See Forsyth, Donald W.

— and Forsyth, Donald W.: Structure of the upper mantle under the EPR from waveform inversion of regional events. p1227 22 May 1998.

Webb, Vera A. See Mazel, Didier.

Weber, Gerhard W. See Conroy, Glenn C.

Wedekind, Claus: Give and ye shall be recognized. p2070 26 June 1998.

Wellich, Doris. See Behrens, Jürgen.

Wegner, G. See Esker, A. R.

Wei, D. M. See Cheng, K. S.

Weidenbach, Kristin: A tangled tale of *E. coli* virulence. p2048 26 June 1998.

Weidner, Donald J. See Chen, Ganglin.

Weinberg, Robert A. See Jacks, Tyler.

Weinberger, Norman M. and Bakin, Jonathan S.: Research on auditory cortex plasticity (letter). p1174 22 May 1998.

Weinfeld, Michael. See Le, X. Chris.

Weis, Robert M. See Rao, Jianghong.

Weiss, Arthur and Miller, Linda J.: Halting the march of the immune defenses (editorial). p179 10 Apr 1998.

Weiss, Peter (news): Taiwan, U.S. team up to chase shadows. p1347 29 May 1998.

Weiss, R. A. See Baldeweg, T.

Weitz, Charles J. See Darlington, Thomas K. See also Gekakis, Nicholas.

Welch, Allison M.; Sendlitsch, Raymond D.; Gerhardt, H. Carl: Call duration as an indicator of genetic quality in male gray tree frogs. p1928 19 June 1998.

Wellinger, Raymund J. See Gravel, Serge.

Weng, Gezhi. See Ford, Carolyn E.

Werb, Zena. See Kheradmand, Farrah.

Werner, Erica. See Kheradmand, Farrah.

West, Brian L. See Feng, Weijun.

Western, David: Wildlife conservation in Kenya (letter). p1507 5 June 1998.

Weston, Michael D. See Eudy, James D.

Westphal, Ryan S.; Anderson, Kristin A.; Means, Anthony R.; Wadzinski, Brian E.: A signaling complex of Ca<sup>2+</sup>-calmodulin-dependent protein kinase IV and protein phosphatase 2A. p1258 22 May 1998.

Westrop, Stephen R. See Adrian, Jonathan M.

Westwell, Martin S. See Williams, Dudley H.

Whetten, Robert L. See Chen, Shaowei.

White, P. J. See Shen, Z.-X.

Whitesides, George M. See Jackman, Rebecca J. See also Rao, Jianghong.

Wickelgren, Ingrid (news): Do 'apples' fare worse than 'pears'? p1365 29 May 1998. Obesity: how big a problem? p1364 29 May 1998. Pills to help keep you clean. p2046 26 June 1998. Teaching the brain to take drugs. p2045 26 June 1998. Tracking insulin to the mind. p517 24 Apr 1998.

Wiik, Björn H.: Super-accelerators and international collaboration (letter). p657 1 May 1998.

Wijmenga, Sybren S. See Kolk, Michaël H.

Wilcock, Peter R.: Two-fraction model of initial sediment motion in gravel-bed rivers. p410 17 Apr 1998.

Wilcock, William S. D. See Toomey, Douglas R.

Wilcox, Edward R. See Wang, Aihui.

Williams, Dudley H.; Maguire, Alison J.; Tsuzuki, Wakako; Westwell, Martin S.: An analysis of the origins of a cooperative binding energy of dimerization. p711 1 May 1998.

Williams, Nigel (news): Dexter takes over Wellcome Trust's pot of gold. p2043 26 June 1998.

Editors call for misconduct watchdog. p1685 12

June 1998. EU moves to decrease the gender gap. p822 8 May 1998. Europe's Cold Spring Harbor. p2043 26 June 1998. Peace process set to boost collaboration. p1519 5 June 1998. Pinpointing the source of intestinal T cells. p199 10 Apr 1998. T cells on the mucosal frontline. p198 10 Apr 1998. Temperature rise could squeeze salmon. p1349 29 May 1998.

Williams, R. Stanley. See Heath, James R.

Williamson, Maurice: New Zealand's foresight project (editorial). p655 1 May 1998.

Wilmoth, John R.: The future of human longevity: a demographer's perspective. p395 17 Apr 1998.

Wilsbacher, Lisa D. See Gekakis, Nicholas.

Winchester, Ellen. See Wang, David G.

Wingreen, N. S. See Madhavan, V.

Winkler, Cheryl. See Smith, Michael W.

Winslow, Jennifer. See Wurman, Joshua.

Wirtz, Ralph. See Behrens, Jürgen.

Witmer, Lawrence M.: review of *The Complete Dinosaurs*, edited by James O. Farlow and Michael K. Brett-Surman. p223 10 Apr 1998.

Witmer, Lawrence M. See Sampson, Scott D.

Wolfe, Cecily J. and Solomon, Sean C.: Shear-wave splitting and implications for mantle flow beneath the MELT region of the East Pacific Rise. p1230 22 May 1998.

Wolinsky, Steven. See Agosto, Moises. See also Frenkel, Lisa M. See also Korber, Bette.

Wong, Phillip. See Nakagawa, Terry.

Wong, Tony. See Blitzer, Robert D.

Wood, W. B.: Wizards of Microsoft (letter). p18 3 Apr 1998.

Woodroffe, Rosie and Ginsberg, Joshua R.: Edge effects and the extinction of populations inside protected areas. p2126 26 June 1998.

Woodruff, David S. See Benirschke, Kurt.

Woods, Stephen C.; Seeley, Randy J.; Porte, Daniel, Jr.; Schwartz, Michael W.: Signals that regulate food intake and energy homeostasis. p1378 29 May 1998.

Wright, Glenda M. See Richardson, Michael K.

Wright, Susan C. See Balaban, Naomi.

Wu, Cheng-Yen. See Bieber, David.

Wu, Zhenguo. See Chen, Ching-Yi.

Wurman, Joshua and Winslow, Jennifer: Intense sub-kilometer-scale boundary layer rolls observed in hurricane Fran. p555 24 Apr 1998.

Würtele, Martin. See Behrens, Jürgen.

Wyatt, Richard. See Rizzuto, Carlo D.

— and Sodroski, Joseph: The HIV-1 envelope glycoproteins: fusogens, antigens, and immunogens. p1884 19 June 1998.

Xie, Dao-Xin; Feys, Bart F.; James, Sarah; Nieto-Rostro, Manuela; Turner, John G.: *COI1*: an *Arabidopsis* gene required for jasmonate-regulated defense and fertility. p1091 15 May 1998.

Xie, Jiuyong and McCobb, David P.: Control of alternative splicing of potassium channels by stress hormones. p443 17 Apr 1998.

Xing, James Z. See Le, X. Chris.

Xu, Yousheng; Poe, Brent T.; Shankland, Thomas J.; Rubie, David C.: Electrical conductivity of olivine, wadsleyite, and ringwoodite under upper-mantle conditions. p1415 29 May 1998.

Yamada, Kenneth M. See Tamura, Masahito.

Yamaguchi, Hiroshi. See Yoshikawa, Shinya.

Yamashita, Eiki. See Yoshikawa, Shinya.

Yan, Denise. See Eudy, James D.

Yang, Chii-Shen. See Ford, Carolyn E.

Yao, Min. See Yoshikawa, Shinya.

Yao, SuFang. See Eudy, James D.

Yaono, Rieko. See Yoshikawa, Shinya.

Yashin, Anatoli I. See Vaupel, James W.

Yasuda, Kunio. See Ogino, Hajime.

Yeo, Christopher. See Hesslow, Germund.

Yokoyama, Shige-yuki. See Nureki, Osamu.

Yool, Donald. See Griffiths, Ian.

- Yoshikawa, Shinya; Shinzawa-Itoh, Kyoko; Nakashima, Ryosuke; Yaono, Rieko; Yamashita, Eiki; Inoue, Noriko; Yao, Min; Fei, Ming Jie; Libeu, Clare Peters; Mizushima, Tsunehiro; Yamaguchi, Hiroshi; Tomizaki, Takashi; Tsukihara, Tomitake: Redox-coupled crystal structural changes in bovine heart cytochrome c oxidase. p1723 12 June 1998.
- Yoshizaki, R. See Shen, Z.-X.
- Young, Eric D.: What's the best sound? p1402 29 May 1998.
- Young, Keith E. See Cooper, Michael K.
- Young, Michael: review of *The Clostridia: Molecular Biology and Pathogenesis*, edited by Julian I. Rood et al.. p692 1 May 1998.
- Young, Peter. See Wang, David G.
- Younkin, R. See Johnson, K. S.
- Yung, Yuk L. and Kass, David M.: Deuteronomy? A puzzle of deuterium and oxygen on Mars. p1545 5 June 1998.
- Zarka, Daniel G. See Jaglo-Ottosen, Kirsten R.
- Zeng, Yi. See Vaupel, James W.
- Zerr, A. See Serghiou, G.
- Zhang, Hailan. See Nibu, Yutaka.
- Zhang, Q. M.; Bharti, Vivek; Zhao, X.: Giant electrostriction and relaxor ferroelectric behavior in electron-irradiated poly(vinylidene fluoride-trifluoroethylene) copolymer. p2101 26 June 1998.
- Zhao, JiaQi. See Frenkel, Lisa M.
- Zhao, X. See Zhang, Q. M.
- Zhou, Wuzong; Thomas, John Meurig; Shephard, Douglas S.; Johnson, Brian F. G.; Ozkaya, Don; Maschmeyer, Thomas; Bell, Robert G.; Ge, Qingfeng: Ordering of ruthenium cluster carbonyls in mesoporous silica. p705 1 May 1998.
- Zhu, Jian-Kang. See Liu, Jiping.
- Zhu, Xiangdong. See Shen, Hong Ming.
- Zhu, YaQi. See Mdluli, Khisimuzi.
- Zimmermann, Frank. See Griffiths, Ian.
- Zingale, Daniel. See Agosto, Moises.
- Zion, Deborah: The ethics of AIDS vaccine trials (letter). p1329 29 May 1998.
- Zoll, Wendy L. See Choi, Sang Ki.
- Zou, Lee and Stillman, Bruce: Formation of a preinitiation complex by S-phase cyclin CDK-dependent loading of Cdc45p onto chromatin. p593 24 Apr 1998.
- Zuany-Amorim, Claudia; Ruffié, Claude; Hailé, Solomon; Vargaftig, B. Boris; Pereira, Pablo; Pretolani, Marina: Requirement for  $\gamma\delta$  T cells in allergic airway inflammation. p1265 22 May 1998.
- Zumbulyadis, N. See Schmidt-Rohr, K.
- Zupancic, Mary. See Frenkel, Lisa M.