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- Brownlee, Don; Tsou, Peter; Aléon, Jérôme; Alexander, Conel M. O'D.; Araki, Tohru; Bajt, Sasa; Baratta, Giuseppe A.; Bastien, Ron; Bland, Phil; Bleuet, Pierre; Borg, Janet; Bradley, John P.; Brearley, Adrian; Brenker, F.; Brennan, Sean; Bridges, John C.; Browning, Nigel D.; Brucato, John R.; Bullock, E.; Burchell, Mark J.; Busemann, Henner; Butterworth, Anna; Chaussidon, Marc; Chevront, Allan; Chi, Miaofang; Cintala, Mark J.; Clark, B. C.; Clemett, Simon J.; Cody, George; Colangeli, Luigi; Cooper, George; Cordier, Patrick; Daghlian, C.; Dai, Zurong; D'Hendecourt, Louis; Djouadi, Zahia; Dominguez, Gerardo; Duxbury, Tom; Dworkin, Jason P.; Ebel, Denton S.; Economou, Thanasis E.; Fakra, Sirine; Fairey, Sam A. J.; Fallon, Stewart; Ferrini, Gianluca; Ferroir, T.; Fleckenstein, Holger; Floss, Christine; Flynn, George; Franchi, Ian A.; Fries, Marc; Gainsforth, Z.; Gallien, J.-P.; Genge, Matt; Gilles, Mary K.; Gillet, Philippe; Gilmour, Jamie; Glavin, Daniel P.; Gounelle, Matthieu; Grady, Monica M.; Graham, Giles A.; Grant, P. G.; Green, Simon F.; Grossemy, Faustine; Grossman, Lawrence; Grossman, Jeffrey N.; Guan, Yunbin; Hagiya, Kenji; Harvey, Ralph; Heck, Philipp; Herzog, Gregory F.; Hoppe, Peter; Hörz, Friedrich; Huth, Joachim; Hutcheon, Ian D.; Ignatyev, Konstantin; Ishii, Hope; Ito, Motoo; Jacob, Damien; Jacobsen, Chris; Jacobsen, Stein; Jones, Steven; Joswiak, David; Jurewicz, Amy; Kearsley, Anton T.; Keller, Lindsay P.; Khodja, H.; Kilcoyne, A.L. David; Kissel, Jochen; Krot, Alexander; Langenhorst, Falko; Lanzitotti, Antonio; Le, Loan; Leshin, Laurie A.; Leitner, J.; Lemelle, L.; Leroux, Hugues; Liu, Ming-Chang; Luening, K.; Lyon, Ian; MacPherson, Glen; Marcus, Matthew A.; Marhas, Kuljeet; Marty, Bernard; Matrajt, Graciela; McKeegan, Kevin; Meibom, Anders; Mennella, Vito; Messenger, Keiko; Messenger, Scott; Mikouchi, Takashi; Mostefaoui, Smail; Nakamura, Tomoki; Nakano, T.; Newville, M.; Nittler, Larry R.; Ohnishi, Ichiro; Ohsumi, Kazumasa; Okudaira, Kyoko; Papanastassiou, Dimitri A.; Palma, Russ; Palumbo, Maria E.; Pepin, Robert O.; Perkins, David; Perronnet, Murielle; Pianetta, P.; Rao, William; Rietmeijer, Frans J. M.; Robert, François; Rost, D.; Rotundi, Alessandra; Ryan, Robert; Sandford, Scott A.; Schwandt, Craig S.; See, Thomas H.; Schlutter, Dennis; Sheffield-Parker, J.; Simionovici, Alexandre; Simon, Steven; Sitnitsky, I.; Snead, Christopher J.; Spencer, Maegan K.; Stadermann, Frank J.; Steele, Andrew; Stephan, Thomas; Stroud, Rhonda; Susini, Jean; Sutton, S. R.; Suzuki, Y.; Taheri, Mitra; Taylor, Susan; Teslich, Nick; Tomeoka, Kazu; Tomioka, Naotaka; Toppani, Alice; Trigo-Rodríguez, Josep M.; Troadec, David; Tsuchiyama, Akira; Tuzzolino, Anthony J.; Tylliszczak, Tolek; Uesugi, K.; Velbel, Michael; Vellenga, Joe; Vicenzi, E.; Vincze, L.; Warren, Jack; Weber, Iris; Weisberg, Mike; Westphal, Andrew J.; Wirick, Sue; Wooden, Diane; Wopenka, Brigitte; Woźniakiewicz, Penelope; Wright, Ian; Yabuta, Hikaru; Yano, Hajime; Young, Edward D.; Zare, Richard N.; Zega, Thomas; Ziegler, Karen; Zimmermann, Laurent; Zinner, Ernst; Zolensky, Michael: Comet 81P/Wild 2 under a microscope. p1711 15 Dec 2006.
- Brownlee, Don E. *See* Flynn, George J. *See also* Keller, Lindsay P.
- Brownlee, Donald. *See* McKeegan, Kevin D.
- Brownlee, Donald E. *See* Hörz, Friedrich. *See also* Sandford, Scott A. *See also* Zolensky, Michael E.
- Brucato, John R. *See* Brownlee, Don. *See also* Keller, Lindsay P. *See also* Sandford, Scott A.
- Bruce, Jennifer. *See* Neumann, Manuela.
- Brun, Todd; Devetak, Igor; Hsieh, Min-Hsiu: Correcting quantum errors with entanglement. p436 20 Oct 2006.
- Brunner, Fabienne. *See* Papastotiropoulos, Andreas.
- Brzózka, Krzysztof. *See* Hornung, Veit.
- Buchan, Alison. *See* Howard, Erinn C.
- Buchbinder, Susan P. *See* Grant, Robert M.
- Buchmann, Andreas. *See* Papastotiropoulos, Andreas.
- Buckhaults, Phillip. *See* Sjöblom, Tobias.
- Bühler, Fritz. *See* Grimberg, Ansgar.
- Bühler, R. *See* Aharonian, F.
- Bullock, E. *See* Brownlee, Don.
- Bullock, Emma S. *See* Flynn, George J.
- Burchell, Mark. *See* Keller, Lindsay P.
- Burchell, Mark J. *See* Brownlee, Don. *See also* Hörz, Friedrich. *See also* Sandford, Scott A.
- Burgay, M. *See* Kramer, M.
- Burghammer, Manfred. *See* Flynn, George J.
- Bürgmann, Helmut. *See* Howard, Erinn C.
- Burgoyne, Carole B. and Lea, Stephen E. G.: Money is material (perspective). p1091 17 Nov 2006.
- Burke, Brian: Nuclear pore complex models gel (perspective). p766 3 Nov 2006.
- Burnett, Don S.: NASA returns rocks from a comet (perspective). p1709 15 Dec 2006.
- Burnett, Donald S. *See* Grimberg, Ansgar.
- Burnham, Gilbert and Roberts, Les: A debate over Iraqi death estimates (letter). p1241 24 Nov 2006.
- Burrows, Patricia A. *See* Mendelson, Joseph R., III.
- Burton, Dennis R. *See* Ahuja, Sunil K.
- Büsching, I. *See* Aharonian, F.
- Busemann, Henner. *See* Brownlee, Don. *See also* Keller, Lindsay P. *See also* McKeegan, Kevin D. *See also* Sandford, Scott A.
- Butterworth, Anna. *See* Brownlee, Don. *See also* McKeegan, Kevin D. *See also* Sandford, Scott A. *See also* Zolensky, Michael E.

## C

- Cai, Yong Q. *See* Mao, Wendy L.
- Caldeira, Ken. *See* Pagani, Mark.
- Calegari, F. *See* Sansone, G.
- Callear, Nico. *See* Kowarik, Michael.
- Calvo, Eva. *See* Pelejero, Carles.
- Cameron, D. Joshua. *See* Yang, Zhenglin.
- Cameron, R. Andrew. *See* Bottjer, David J. *See also* Samantha, Manoj P.
- Camilo, F. *See* Kramer, M.
- Camp, Nicola J. *See* Yang, Zhenglin.
- Campbell, Christopher. *See* Nishio, Junko.
- Cande, W. Zacheus. *See* Goley, Erin D.
- Cane, Mark. *See* Kumar, K. Krishna.
- Capone, Douglas G.: Ramping up the heat on nitrogenase (perspective). p1691 15 Dec 2006.
- Caraveo, Gabriela; van Rossum, Damian B.; Patterson, Randan L.; Snyder, Solomon H.; Desiderio, Stephen: Action of TFII-I outside the nucleus as an inhibitor of agonist-induced calcium entry. p122 6 Oct 2006.
- Cardon, Lon R.: Delivering new disease genes (perspective). p1403 1 Dec 2006.
- Carlton, Elizabeth J. *See* Spear, R. C.
- Carnaval, Ana Carolina. *See* Pounds, J. Alan.
- Carpenter, Stephen R.; DeFries, Ruth; Dietz, Thomas; Mooney, Harold A.; Polasky, Stephen; Reid, Walter V.; Scholes, Robert J.: Millennium ecosystem assessment: research needs. p257 13 Oct 2006.
- Carrigan, S. *See* Aharonian, F.
- Casanova, Jean-Laurent. *See* Casrouge, Armanda.
- Caselli, Richard J. *See* Papastotiropoulos, Andreas.
- Casrouge, Armanda; Zhang, Shen-Ying; Eidenschenk, Céline; Jouanguy, Emmanuelle; Puel, Anne; Yang, Kun; Alcais, Alexandre; Picard, Capucine; Mahfoufi, Nora; Nicolas, Nathalie; Lorenzo, Lazaro; Plancouline, Sabine; Sénéchal, Brigitte; Geissmann, Frédéric; Tabeta, Koichi; Hoebe, Kasper; Du, Xin; Miller, Richard L.; Héron, Bénédicte; Mignot, Cyril; Bilette de Villemeur, Thierry; Lebon, Pierre; Dulac, Olivier; Rozenberg, Flore; Beutler, Bruce; Tardieu, Marc; Abel, Laurent; Casanova, Jean-Laurent: Herpes simplex virus encephalitis in human UNC-93B deficiency. p308 13 Oct 2006.
- Catrein, Ina. *See* Kowarik, Michael.
- Cavender, James. *See* Schaap, Pauline.
- Cayouette, Michel. *See* Chan, Jonah R.
- Cazenave, Anny: How fast are the ice sheets melting? (perspective). p1250 24 Nov 2006.
- Cerling, Thure E. *See* Sponheimer, Matt.
- Cerutti, Heriberto. *See* Ibrahim, Fadia.
- Chadwick, P. M. *See* Aharonian, F.
- Chadwick, William W., Jr.: A submarine volcano is caught in the act (perspective). p1887 22 Dec 2006.
- Chait, Brian T.: Mass spectrometry: bottom-up or top-down? (perspective). p65 6 Oct 2006.
- Chambers, S. D. *See* Randerson, J. T.
- Chan, Jonah R.; Jolicœur, Christine; Yamauchi, Junji; Elliott, Jimmy; Fawcett, James P.; Ng, Benjamin K.; Cayouette, Michel: The polarity protein Par-3 directly interacts with p75<sup>NTR</sup> to regulate myelination. p832 3 Nov 2006.
- Chan, Wai Man. *See* DeWan, Andrew.
- Chang, C. W.; Okawa, D.; Majumdar, A.; Zettl, A.: Solid-state thermal rectifier. p1121 17 Nov 2006.
- Chang, Geoffrey; Roth, Christopher B.; Reyes, Christopher L.; Pornillos, Owen; Chen, Yen-Ju; Chen, Andy P.: Retraction (letter). p1875 22 Dec 2006.
- Chapin, F. S. *See* Randerson, J. T.
- Chapron, Guillaume and Arlettaz, Raphaël: Using

- models to manage carnivores (letter). p1682 15 Dec 2006.
- Charnoz, Sébastien. *See* Lagage, Pierre-Olivier.
- Chaussidon, Marc. *See* Brownlee, Don. *See also* McKeegan, Kevin D.
- Chen, Andy P. *See* Chang, Geoffrey.
- Chen, D. *See* Amenomori, M.
- Chen, Feng. *See* Noonan, James P.
- Chen, Haoyu. *See* Yang, Zhenglin.
- Chen, Irene A.: The emergence of cells during the origin of life (essays on science and society). p1558 8 Dec 2006. 2006 Grand Prize winner. p1559 8 Dec 2006. Regional winners. p1559 8 Dec 2006.
- Chen, Jie. *See* Dequéant, Mary-Lee.
- Chen, Junjie. *See* Huang, Haojie.
- Chen, Yen-Ju. *See* Chang, Geoffrey.
- Chen, Yu; Corriden, Ross; Inoue, Yoshiaki; Yip, Linda; Hashiguchi, Naoyuki; Zinkernagel, Annelies; Nizet, Victor; Insel, Paul A.; Junger, Wolfgang G.: ATP release guides neutrophil chemotaxis via P2Y2 and A3 receptors. p1792 15 Dec 2006.
- Chen, Zhe-Yu; Jing, Deqiang; Bath, Kevin G.; Ieraci, Alessandro; Khan, Tanvir; Siao, Chia-Jen; Herrera, Daniel G.; Toth, Miklos; Yang, Chingwen; McEwen, Bruce S.; Hempstead, Barbara L.; Lee, Francis S.: Genetic variant BDNF (Val66Met) polymorphism alters anxiety-related behavior. p140 6 Oct 2006.
- Cheong, Ian; Huang, Xin; Bettogowda, Chetan; Diaz, Luis A., Jr; Kinzler, Kenneth W.; Zhou, Shubin; Vogelstein, Bert: A bacterial protein enhances the release and efficacy of liposomal cancer drugs. p1308 24 Nov 2006.
- Chevront, Allan. *See* Brownlee, Don.
- Chi, Miaofang. *See* Brownlee, Don. *See also* Hörz, Friedrich. *See also* Zolensky, Michael E.
- Chiang, T.-C. *See* Speer, N. J.
- Chien, Jeremy. *See* Yang, Zhenglin.
- Childress, L.; Gurudev Dutt, M. V.; Taylor, J. M.; Zibrov, A. S.; Jelezko, F.; Wrachtrup, J.; Hemmer, P. R.; Lukin, M. D.: Coherent dynamics of coupled electron and nuclear spin qubits in diamond. p281 13 Oct 2006.
- Chinh, Nguyen Tran. *See* Roumagnac, Philippe.
- Chinn, D. S. *See* Luthcke, S. B.
- Chiorescu, Iriuel: Microwave cooling of an artificial atom (perspective). p1549 8 Dec 2006.
- Cho, Adrian (news): Astrophysicists lauded for first baby picture of the universe. p35 6 Oct 2006. Bizarrely, adding delay to delay produces synchronization. p37 6 Oct 2006. High  $T_c$ : the mystery that defies solution. p1072 17 Nov 2006. Panel prunes NSF orchard to make room for growth. p904 10 Nov 2006. Tidy triangle dashes hopes for exotic undiscovered particles. p248 13 Oct 2006. Voilà! Cloak of invisibility unveiled. p403 20 Oct 2006.
- Cho, Adrian. *See* Normile, Dennis.
- Cho, James Y.-K. *See* Harrington, Joseph.
- Cho, Judy H. *See* Duerr, Richard H.
- Chong, Anita S.; Shen, Jikun; Tao, Jing; Yin, Dengping; Kuznetsov, Andrey; Hara, Manami; Philipson, Louis H.: Response to comment on Chong *et al.* on diabetes reversal in NOD mice (technical comment). p1243 24 Nov 2006. www.sciencemag.org/cgi/content/full/314/5803/1243b.
- Chong, Jason L. *See* McDearmon, Erin L.
- Chongyu, Yin. *See* Hagadorn, James W.
- Chory, Joanne. *See* Belkadir, Youssef.
- Chou, Thomas T. *See* Neumann, Manuela.
- Chounet, L.-M. *See* Aharonian, F.
- Chow, Paul. *See* Mao, Wendy L.
- Christianen, Peter C. M. *See* van Hameren, Richard.
- Chuong, Cheng-Ming. *See* Maini, Philip K.
- Cintala, Mark J. *See* Brownlee, Don. *See also* Hörz, Friedrich.
- Citron, Martin. *See* Willem, Michael.
- Clark, Andrew G. *See* Whitfield, Charles W.
- Clark, B. C. *See* Brownlee, Don.
- Clark, Benton. *See* Zolensky, Michael E.
- Clark, Benton C. *See* Flynn, George J.
- Clark, Christopher M. *See* Neumann, Manuela.
- Clark, Sue B. *See* Novikov, Alexander P.
- Clarke, Iain J. *See* Lincoln, Gerald A.
- Clarke, John. *See* Hime, T.
- Clary, David C.: Quantum chemistry of complex systems (perspective). p265 13 Oct 2006.
- Clemett, Simon J. *See* Brownlee, Don. *See also* Nakamura-Messenger, Keiko. *See also* Sandford, Scott A.
- Clerly, Daniel (news): Dark-horse neutron source heads belatedly toward starting line. p580 27 Oct 2006. Determined duo scored a victory for small-scale science. p1078 17 Nov 2006. How to squeeze a plasma. p239 13 Oct 2006. ITER's \$12 billion gamble. p238 13 Oct 2006. Panel draws up shopping list. p399 20 Oct 2006. Scientists reap ITER's first dividends. p1227 24 Nov 2006.
- Cliff, Robert A. *See* Walker, Joanne.
- Clocchiatti, Roberto. *See* Schiano, Pierre.
- Cobey, Sarah. *See* Koelle, Katia.
- Cobos, Alberto. *See* Royo-Torres, Rafael.
- Cody, George. *See* Brownlee, Don. *See also* Sandford, Scott A.
- Cohen, Jon (news): Center puts hold on mangabey experiments. p743 3 Nov 2006.
- Cohen, Myron S. *See* Grant, Robert M.
- Coignet, G. *See* Aharonian, F.
- Colangeli, Luigi. *See* Brownlee, Don. *See also* Keller, Lindsay P. *See also* Sandford, Scott A.
- Colburn, Nancy H. *See* Dorrello, N. Valerio.
- Coldren, L. A. *See* Berezovsky, J.
- Colizzi, Vittorio. *See* Ahuja, Sunil K.
- Coller, S. *See* Saeij, J. P. J.
- Collins, James P. *See* Mendelson, Joseph R., III.
- Coloma, Luis A. *See* Mendelson, Joseph R., III.
- Coluccia, Daniel. *See* Papassotiropoulos, Andreas.
- Colvin, Vicki L. *See* Yavuz, Cafer T.
- Cong, Lili. *See* Yavuz, Cafer T.
- Conti, Bruno; Sanchez-Alavez, Manuel; Winsky-Sommerer, Raphaelle; Morale, Maria Concetta; Lucero, Jacinta; Brownell, Sara; Fabre, Veronique; Huitron-Resendiz, Salvador; Henriksen, Steven; Zorrilla, Eric P.; de Lecea, Luis; Bartfai, Tamas: Transgenic mice with a reduced core body temperature have an increased life span. p825 3 Nov 2006.
- Contreras, Diego. *See* Destexhe, Alain.
- Conzelmann, Karl-Klaus. *See* Hornung, Veit.
- Cook-Deegan, Robert. *See* Ginsburg, Geoffrey S.
- Coop, Graham. *See* Noonan, James P.
- Cooper, George. *See* Brownlee, Don. *See also* Sandford, Scott A.
- Cordier, Patrick. *See* Brownlee, Don. *See also* Zolensky, Michael E.
- Corneveaux, Jason. *See* Papassotiropoulos, Andreas.
- Cornils, R. *See* Aharonian, F.
- Corriden, Ross. *See* Chen, Yu.
- Corti, Thierry. *See* Peter, Thomas.
- Cossart, Rosa. *See* Tyzio, Roman.
- Costamante, L. *See* Aharonian, F.
- Costantino, David A. *See* Pfingsten, Jennifer S.
- Costello, Mark J. *See* Mora, Camilo.
- Coudray, Clotilde. *See* Olivieri, Anna.
- Couzin, Jennifer (news): Breakdown of the year: scientific fraud. p1853 22 Dec 2006. Don't pretty up that picture just yet. p1866 22 Dec 2006. Method to silence genes earns loud praise. p34 6 Oct 2006. Teams identify cardiac 'stem cell.' p1225 24 Nov 2006. Three methods add up to one new way to genetically engineer fruit flies. p1371 1 Dec 2006. Unraveling pain's DNA. p585 27 Oct 2006.
- Couzin, Jennifer. *See* Kaiser, Jocelyn.
- Cowen, J. P. *See* Tolstoy, M.
- Cox, Brian and Yang, Qingda: In quest of virtual tests for structural composites. p1102 17 Nov 2006.
- Cox, Paul A. and Banack, Sandra A.: A nonprotein amino acid and neurodegeneration (letter). p1242 24 Nov 2006.
- Coxall, Helen K. *See* Pälike, Heiko.
- Craig, David W. *See* Papassotiropoulos, Andreas.
- Cresawn, Steven G. *See* Hanauer, David I.
- Crowder, Larry B. *See* Osherenko, Gail.
- Cruciani, Fulvio. *See* Olivieri, Anna.
- Cui, S. W. *See* Amenomori, M.
- Cummer, S. A. *See* Schurig, D.
- Curry, Andrew (news): A hunter's paradise. p1535 8 Dec 2006. A Stone Age world beneath the Baltic Sea. p1533 8 Dec 2006.

## D and E

- da Fonseca, G. A. B. *See* Brooks, T. M.
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- Daghlian, C. *See* Brownlee, Don.
- Daghlian, Charles P. *See* Flynn, George J.
- Dahmes, Sallie J. *See* Mathiason, Candace K.
- Dai, Hongjie. *See* Zhang, Guangyu.
- Dai, Zu Rong. *See* Flynn, George J. *See also* Hörz, Friedrich. *See also* Zolensky, Michael E.
- Dai, Zurong. *See* Brownlee, Don.
- D'Alessio, Joseph A. *See* Goley, Erin D.
- Daly, Mark J. *See* Duerr, Richard H.
- D'Amico, N. *See* Kramer, M.
- Dandona, Nidhi. *See* Venkatesh, Byrappa.
- Danforth, B. N. *See* Poinar, G. O., Jr.
- Danforth, William H.: Funding basic agricultural research (editorial). p223 13 Oct 2006.
- D'Antona, F. *See* Garcia-Hernández, D. A.
- Danzengluobu. *See* Amenomori, M.
- Dar-Nimrod, Ilan and Heine, Steven J.: Exposure to scientific theories affects women's math performance. p435 20 Oct 2006.
- Dassopoulos, Themistocles. *See* Duerr, Richard H.
- Daszak, Peter. *See* Mendelson, Joseph R., III.
- Datta, Lisa Wu. *See* Duerr, Richard H.
- Dauenhauer, P. J. *See* Salge, J. R.
- Davidson, Eric H. *See* Bottjer, David J. *See also* Samantha, Manoj P.
- Davidson, Eric H.: The sea urchin genome: where will it lead us? (perspective). p939 10 Nov 2006.
- Davis, George. *See* Spear, R. C.
- Davis, J. C. *See* Valla, T.
- Dawson, Dawn. *See* Sjöblom, Tobias.
- Day, Cheryl. *See* Floto, R. Andres.
- de Jager, O. C. *See* Aharonian, F.
- De Jong, E. M. *See* Scheeres, D. J.
- De Jong, Eric M. *See* Ostro, Steven. J.
- de Lecea, Luis. *See* Conti, Bruno.
- de Naurois, M. *See* Aharonian, F.
- de Quervain, Dominique J.-F. *See* Papassotiropoulos, Andreas.
- de Ruyter, Darryl J. *See* Sponheimer, Matt.
- De Silvestri, S. *See* Sansone, G.
- de Vries, Christiaan R. *See* Morgan, Richard A.
- Dean, Antony M. *See* Miller, Stephen P.
- Dearborn, David S. P. *See* Eggleton, Peter P.
- Deeks, Steven G. *See* Ahuja, Sunil K.
- DeFries, Ruth. *See* Carpenter, Stephen R.
- Degrange, B. *See* Aharonian, F.
- DellaSala, Dominick A.; Karr, James R.; Schoennagel, Tania; Perry, Dave; Noss, Reed F.; Lindenmayer, David; Beschta, Robert; Hutto, Richard L.; Swanson, Mark E.; Evans, Jon: Post-fire logging debate ignores many issues (letter). p51 6 Oct 2006.
- Dembo, Micah. *See* Kim, Sangwon V.
- Deming, Drake. *See* Harrington, Joseph.
- Dequéant, Mary-Lee; Glynn, Earl; Gaudenz, Karin; Wahl, Matthias; Chen, Jie; Mushegian, Arcady; Pourquié, Olivier: A complex oscillating network of signaling genes underlies the mouse segmentation clock. p1595 8 Dec 2006.

- DeSantis, Todd Z. *See* Lin, Li-Hung.
- Deshpande, Jagadish M. *See* Grassly, Nicholas C.
- Desiderio, Stephen. *See* Caraveo, Gabriela.
- Desrosiers, Ronald C. *See* Ahuja, Sunil K.
- Destexhe, Alain and Contreras, Diego: Neuronal computations with stochastic network states. p85 6 Oct 2006.
- DeStrooper, Bart. *See* Willem, Michael.
- Detels, Roger. *See* Wu, Zunyou.
- Devereaux, T. P. *See* Tanaka, Kiyohisa.
- Devetak, Igor. *See* Brun, Todd.
- Devlin, Joseph T.: review of *Toward an Evolutionary Biology of Language*, by Philip Lieberman. p926 10 Nov 2006.
- DeWan, Andrew. *See* Yang, Zhenglin.
- DeWan, Andrew; Liu, Mugen; Hartman, Stephen; Zhang, Samuel Shao-Min; Liu, David T. L.; Zhao, Connie; Tam, Pancy O. S.; Chan, Wai Man; Lam, Dennis S. C.; Snyder, Michael; Barnstable, Colin; Pang, Chi Pui; Hoh, Josephine: *HTRAI* promoter polymorphism in wet age-related macular degeneration. p989 10 Nov 2006.
- Dey, Sutirth and Joshi, Amitabh: Response to comment on "Stability via asynchrony in *Drosophila* meta-populations with low migration rates" (technical comment). p420 20 Oct 2006. www.sciencemag.org/cgi/content/full/314/5798/420b.
- D'Hendecourt, Louis. *See* Brownlee, Don. *See also* Keller, Lindsay P. *See also* Sandford, Scott A.
- Dhillon, V. S. *See* Littlefair, S. P.
- Dhondt, André A. *See* Boutin, Stan.
- D'Hondt, Steven. *See* Jorgensen, Bo Barker.
- Diatchenko, L. *See* Nackley, A. G.
- Diaz, Luis A., Jr. *See* Cheong, Ian.
- Dickinson, H. J. *See* Aharonian, F.
- Dierich, Manfred P. *See* Ahuja, Sunil K.
- Dietl, Gregory P. and Vermeij, Geerat J.: Comment on "Statistical independence of escalatory ecological trends in Phanerozoic marine invertebrates" (technical comment). p925 10 Nov 2006. www.sciencemag.org/cgi/content/full/314/5801/925e.
- Dietz, Thomas. *See* Carpenter, Stephen R.
- Diffendorfer, James E. *See* Mendelson, Joseph R., III.
- Ding, Baoquan and Seeman, Nadrian C.: Operation of a DNA robot arm inserted into a 2D DNA crystalline substrate. p1583 8 Dec 2006.
- Ding, L. K. *See* Amenomori, M.
- Ding, X. H. *See* Amenomori, M.
- Dingermann, Theodor. *See* Schaap, Pauline.
- Dinsmore, A. D. *See* Savage, J. R.
- Distelfeld, Assaf. *See* Uauy, Cristobal.
- Djannati-Atai, A. *See* Aharonian, F.
- Djouadi, Zahia. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Hörz, Friedrich. *See also* Keller, Lindsay P. *See also* Sandford, Scott A.
- Dohlman, Henrik G. *See* Slessareva, Janna E.
- Dolecek, Christiane. *See* Roumagnac, Philippe.
- Dolmetsch, Richard. *See* Park, Chan Young.
- Dominguez, Gerardo. *See* Brownlee, Don. *See also* Hörz, Friedrich.
- Doms, Robert W. *See* Ahuja, Sunil K.
- Dong, Xuemei. *See* Kim, Sangwon V.
- Doniger, David D.; Herzog, Antonia V.; Lashof, Daniel A.: An ambitious, centrist approach to global warming legislation. p764 3 Nov 2006.
- Donoghue, Philip C. J. *See* Hagadorn, James W.
- Dorrello, N. Valerio; Peschiaroli, Angelo; Guardavaccaro, Daniele; Colburn, Nancy H.; Sherman, Nicholas E.; Pagano, Michele: S6K1- and  $\beta$ TRCP-mediated degradation of PDCD4 promotes protein translation and cell growth. p467 20 Oct 2006.
- Doucet, Coralie. *See* Lagage, Pierre-Olivier.
- Dougan, Gordon. *See* Roumagnac, Philippe.
- Dovich, Norman J. and Soper, Steven A.: Cost-benefit analysis of the RFA (letter). p1682 15 Dec 2006.
- Downward, Julian: Prelude to an anniversary for the *RAS* oncogene (perspective). p433 20 Oct 2006.
- Dreyer, B. J. *See* Salge, J. R.
- Driehuys, Bastiaan: Toward molecular imaging with xenon MRI (perspective). p432 20 Oct 2006.
- Drury, L. O'C. *See* Aharonian, F.
- Du, Xin. *See* Casrouge, Armanda.
- Dubcovsky, Jorge. *See* Uauy, Cristobal.
- Dubus, G. *See* Aharonian, F.
- Duchêne, Gaspard. *See* Lagage, Pierre-Olivier.
- Dudley, Mark E. *See* Morgan, Richard A.
- Duerr, Richard H.; Taylor, Kent D.; Brant, Steven R.; Rioux, John D.; Silverberg, Mark S.; Daly, Mark J.; Steinhart, A. Hillary; Abraham, Clara; Regueiro, Miguel; Griffiths, Anne; Dassopoulos, Themistocles; Bitton, Alain; Yang, Huiying; Targan, Stephan; Datta, Lisa Wu; Kistner, Emily O.; Schumm, L. Philip; Lee, Annette T.; Gregersen, Peter K.; Barnada, M. Michael; Rotter, Jerome I.; Nicolae, Dan L.; Cho, Judy H.: A genome-wide association study identifies *IL23R* as an inflammatory bowel disease gene. p1461 1 Dec 2006.
- Duffy, J. Emmett. *See* Worm, Boris.
- Dugoujon, Jean-Michel. *See* Olivieri, Anna.
- Dulac, Catherine: Charting olfactory maps (perspective). p606 27 Oct 2006.
- Dulac, Olivier. *See* Casrouge, Armanda.
- Duldig, Marc: Cosmic rays track the rotation of the Milky Way (perspective). p429 20 Oct 2006.
- Dunbar, Helen E. *See* Nakabachi, Atsushi.
- Duong, Bao. *See* Gavin, Amanda L.
- Dupuy, Jérôme. *See* Walden, William E.
- Durret, Florence. *See* Bagchi, Joydeep.
- Duxbury, Tom. *See* Brownlee, Don.
- Dworkin, Jason P. *See* Brownlee, Don. *See also* Sandford, Scott A.
- Ebel, Denton S. *See* Brownlee, Don. *See also* Zolensky, Michael E.
- Eble, Silke. *See* Berkefeld, Henrike.
- Ebright, Richard H. *See* Kanapidis, Achillefs N. *See also* Revyakin, Andrey.
- Ecker, Joseph R. *See* Kim, Sun A.
- Economou, Thanasis E. *See* Brownlee, Don. *See also* Hörz, Friedrich.
- Edgett, Kenneth S. *See* Malin, Michael C.
- Egberts, K. *See* Aharonian, F.
- Eggleton, Peter P.; Dearborn, David S. P.; Lattanzio, John C.: Deep mixing of  $^3\text{He}$ : reconciling Big Bang and stellar nucleosynthesis. p1580 8 Dec 2006.
- Eglinton, T. I. *See* Smittenberg, R. H.
- Egner, Tobias. *See* Summerfield, Christopher.
- Ehebauer, Matthias; Hayward, Penelope; Martinez Arias, Alfonso: Notch, a universal arbiter of cell fate decisions (perspective). p1414 1 Dec 2006.
- Ehrlich, Susan A.: Balancing communication and safety (letter). p1387 1 Dec 2006.
- Eidenschenk, Céline. *See* Casrouge, Armanda.
- Eiler, John; Garzzone, Carmala; Ghosh, Prosenjit: Response to comment on "Rapid uplift of the Altiplano revealed through  $^{13}\text{C}$ - $^{18}\text{O}$  bonds in paleosol carbonates" (technical comment). p760 3 Nov 2006. www.sciencemag.org/cgi/content/full/314/5800/760c.
- Eisenberg, David. *See* Folkman, Susan.
- Eksteen, Bertus. *See* Mora, J. Rodrigo.
- El Hajj, H. *See* Taylor, S.
- Elbaum, Michael: Polymers in the pore (perspective). p766 3 Nov 2006.
- Elemans, Johannes A. A. W. *See* van Hameren, Richard.
- Elgie, Barrie. *See* Schaap, Pauline.
- Ellegast, Jana. *See* Hornung, Veit.
- Elliott, Jimmy. *See* Chan, Jonah R.
- Emanuel, Ezekiel J. and Wertheimer, Alan: Deciding who should get the flu vaccine (letter). p1539 8 Dec 2006.
- Emerman, Michael. *See* Ahuja, Sunil K.
- Emmanoulopoulos, D. *See* Aharonian, F.
- Emmert, J. T. *See* Laštovička, J.
- Emrick, Todd. *See* Balazs, Anna C.
- Enßlin, Torsten A.: Radio traces of cosmic shock waves (perspective). p772 3 Nov 2006.
- Endres, Stefan. *See* Hornung, Veit.
- Eng, Peter J. *See* Mao, Wendy L.
- Engelkamp, Hans. *See* van Hameren, Richard.
- Enserink, Martin (news): Italy's influenza diva. p918 10 Nov 2006. The joy of evidence-based cooking. p1235 24 Nov 2006. Little progress at bioweapons talks. p1673 15 Dec 2006. Presidential hopefuls discover a new issue: science. p39 6 Oct 2006. A season of generosity ... and jeremiads. p1525 8 Dec 2006. Unprecedented budget increase draws faint praise. p1523 8 Dec 2006. WHO panel weighs radical ideas. p1373 1 Dec 2006.
- Enserink, Martin and Vogel, Gretchen (news): The carnivore comeback. p746 3 Nov 2006.
- Entchev, Eugeni. *See* Bökel, Christian.
- Espigat, P. *See* Aharonian, F.
- Esteso, Milagros C. *See* Gomendio, Montserrat.
- Evans, Jon. *See* DellaSala, Dominick A.
- Everitt, Barry J.: review of *Neurobiology of Addiction*, by George F. Koob and Michel Le Moal. p59 6 Oct 2006.
- Ewing, Michael A. *See* Hummon, Amanda B.
- Ewing, Rodney C. *See* Novikov, Alexander P.

## F and G

- Fabian, A. C.: Variable high-energy  $\gamma$  rays from the elliptical galaxy M87 (perspective). p1398 1 Dec 2006.
- Fabre, Veronique. *See* Conti, Bruno.
- Fahima, Tzion. *See* Uauy, Cristobal.
- Fahnstock, E. G. *See* Scheeres, D. J.
- Fahnstock, Eugene G. *See* Ostro, Steven. J.
- Fairey, Sam A. J. *See* Brownlee, Don. *See also* Hörz, Friedrich.
- Fakler, Bernd. *See* Berkefeld, Henrike.
- Fakra, Sirine. *See* Brownlee, Don. *See also* Flynn, George J.
- Falkner, Joshua C. *See* Yavuz, Cafer T.
- Fallon, Stewart. *See* Brownlee, Don. *See also* McKeegan, Kevin D. *See also* Zolensky, Michael E.
- Fantner, Georg E. *See* Hansma, Paul K.
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- Farrar, Jeremy. *See* Roumagnac, Philippe.
- Farrell, Christopher. *See* Sjöblom, Tobias.
- Faure, François. *See* Schiano, Pierre.
- Faustman, Denise L.; Tran, Simon D.; Kodama, Shohta; Lodde, Beatrijs M.; Szalayova, Ildiko; Key, Sharon; Toth, Zsuzsanna E.; Mezey, Éva: Comment on papers by Chong *et al.*, Nishio *et al.*, and Suri *et al.* on diabetes reversal in NOD mice (technical comment). p1243 24 Nov 2006. www.sciencemag.org/cgi/content/full/314/5803/1243a.
- Fawcett, James P. *See* Chan, Jonah R.
- Fedorov, A. V. *See* Valla, T.
- Fehr, Ernst. *See* Knoch, Daria.
- Feiden, Wolfgang. *See* Neumann, Manuela.
- Feinstein, F. *See* Aharonian, F.
- Feldman, Howard. *See* Neumann, Manuela.
- Feldman, Mario F. *See* Kowarik, Michael.
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- Feng, C. F. *See* Amenomori, M.
- Feng, Z. Y. *See* Amenomori, M.
- Feng, Zhaoyang. *See* Amenomori, M.
- Fentress, S. J. *See* Taylor, S.
- Fenwick, Alan: Fighting waterborne infectious diseases (letter). p1081 17 Nov 2006.
- Ferdman, R. D. *See* Kramer, M.
- Fernández-Santos, Maria R. *See* Gomendio, Montserrat.
- Ferrero, E. *See* Aharonian, F.
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- Ferroir, Tristan. *See* Flynn, George J. *See also* Zolensky, Michael E.
- Fiasson, A. *See* Aharonian, F.
- Fink, Gerald R. *See* Alper, Hal.
- Fischbach, Michael A. and Walsh, Christopher T.: Directing biosynthesis (perspective). p603 27 Oct 2006.
- Fish, Lucy. *See* Spalding, Mark.
- Flaishman, Moshe A. *See* Lev-Yadun, Simcha.
- Flammini, R. *See* Sansone, G.
- Flanagan, Judith. *See* Baker, Brett J.
- Flanner, M. G. *See* Randerson, J. T.
- Flavell, Richard A. *See* Kim, Sang W.
- Fleckenstein, Holger. *See* Brownlee, Don. *See also* Sandford, Scott A.
- Fletcher, Daniel A. *See* Nelson, Celeste M.
- Flint, Warren R.: Aquaculture in offshore zones (letter). p1875 22 Dec 2006.
- Flores, Heather A. *See* Brideau, Nicholas J.
- Floss, Christine. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Hörz, Friedrich. *See also* McKeegan, Kevin D.
- Floto, R. Andres; MacAry, Paul A.; Boname, Jessica M.; Mien, Tan Suet; Kampmann, Beate; Hair, James R.; Huey, Oh Seen; Houben, Edith N. G.; Pieters, Jean; Day, Cheryl; Oehlmann, Wulf; Singh, Mahavir; Smith, Kenneth G. C.; Lehner, Paul J.: Dendritic cell stimulation by mycobacterial Hsp70 is mediated through CCR5. p454 20 Oct 2006.
- Flynn, George. *See* Brownlee, Don. *See also* Keller, Lindsay P. *See also* Zolensky, Michael E.
- Flynn, George J. *See* Sandford, Scott A.
- Flynn, George J.; Bleuet, Pierre; Borg, Janet; Bradley, John P.; Brenker, Frank E.; Brennan, Sean; Bridges, John; Brownlee, Don E.; Bullock, Emma S.; Burghammer, Manfred; Clark, Benton C.; Dai, Zu Rong; Daghlian, Charles P.; Djouadi, Zahia; Fakra, Sirine; Ferroir, Tristan; Floss, Christine; Franchi, Ian A.; Gainsforth, Zack; Gallien, Jean-Paul; Gillet, Philippe; Grant, Patrick G.; Graham, Giles A.; Green, Simon F.; Grossemy, Faustine; Heck, Philipp R.; Herzog, Gregory F.; Hoppe, Peter; Hörz, Friedrich; Huth, Joachim; Ignatyev, Konstantin; Ishii, Hope A.; Janssens, Koen; Joswiak, David; Kearsley, Anton T.; Khodja, Hicham; Lanzirrotti, Antonio; Leitner, Jan; Lemelle, Laurence; Leroux, Hugues; Luening, Katharina; MacPherson, Glenn J.; Marhas, Kuljeet K.; Marcus, Matthew A.; Matrajt, Graciela; Nakamura, Tomoki; Nakamura-Messenger, Keiko; Nakano, Tsukasa; Newville, Matthew; Papanastassiou, Dimitri A.; Pianetta, Piero; Rao, William; Riekel, Christian; Rietmeijer, Frans J. M.; Rost, Detlef; Schwandt, Craig S.; See, Thomas H.; Sheffield-Parker, Julie; Simionovici, Alexandre; Sitnitsky, Ilona; Snead, Christopher J.; Stadermann, Frank J.; Stephan, Thomas; Stroud, Rhonda M.; Susini, Jean; Suzuki, Yoshio; Sutton, Stephen R.; Taylor, Susan; Teslich, Nick; Troadec, D.; Tsou, Peter; Tsuchiyama, Akira; Uesugi, Kentaro; Vekemans, Bart; Vicenzi, Edward P.; Vincze, Laszlo; Westphal, Andrew J.; Wozniakiewicz, Penelope; Zimmer, Ernst; Zolensky, Michael E.: Elemental compositions of comet 81P/Wild 2 samples collected by Stardust. p1731 15 Dec 2006.
- Fogeron, Marie-Laure. *See* Müller, Hannah.
- Folke, Carl. *See* Worm, Boris.
- Folkman, Susan; Berman, Brian; Bondurant, Stuart; Eisenberg, David; Haramati, Aviad; Kreitzer, Mary Jo; Kronenberg, Fredi: Debating the worth of NCCAM research (letter). p1083 17 Nov 2006.
- Fontaine, G. *See* Aharonian, F.
- Fontana, Walter: Pulling strings (perspective). p1552 8 Dec 2006.
- Fontecilla-Camps, Juan C. *See* Walden, William E.
- Fordyce, James A. *See* Gompert, Zachariah.
- Foreman, Seth M. *See* Boyd, Martin M.
- Forister, Matthew L. *See* Gompert, Zachariah.
- Fornari, D. J. *See* Tolstoy, M.
- Fornarino, Simona. *See* Olivieri, Anna.
- Forsyth, D. W. *See* Tolstoy, M.
- Franchi, Ian A. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Hörz, Friedrich. *See also* Keller, Lindsay P. *See also* Sandford, Scott A.
- Frank, Steven A.: review of *Evolutionary Dynamics*, by Martin A. Nowak. p1878 22 Dec 2006.
- Fraser, Christophe. *See* Grassly, Nicholas C.
- Freire, P. C. C. *See* Kramer, M.
- Frenkel, Daan: Colloidal encounters: a matter of attraction (perspective). p768 3 Nov 2006.
- Frey, Steffen; Richter, Ralf P.; Görlich, Dirk: FG-rich repeats of nuclear pore proteins form a three-dimensional meshwork with hydrogel-like properties. p815 3 Nov 2006.
- Fries, Marc. *See* Brownlee, Don. *See also* Keller, Lindsay P. *See also* Sandford, Scott A.
- Fries, Pascal: review of *Rhythms of the Brain*, by György Buzsáki. p58 6 Oct 2006.
- Füßling, M. *See* Aharonian, F.
- Fujii, T. *See* Tanaka, Kiyohisa.
- Fujimori, A. *See* Tanaka, Kiyohisa.
- Fujishita, Motosuji. *See* Fukui, Yasuo.
- Fujita, Takashi: Sensing viral RNA amid your own (perspective). p935 10 Nov 2006.
- Fukui, Yasuo; Yamamoto, Hiroaki; Fujishita, Motosuji; Kudo, Natsuko; Torii, Kazufumi; Nozawa, Satoshi; Takahashi, Kunio; Matsumoto, Ryoji; Machida, Mami; Kawamura, Akiko; Yonekura, Yoshinori; Mizuno, Norikazu; Onishi, Toshikazu; Mizuno, Akira: Molecular loops in the galactic center: evidence for magnetic flotation. p106 6 Oct 2006.
- Fukushima, Takanori. *See* Yamamoto, Yohei.
- Fung, John J. *See* Young, John D.
- Funk, S. *See* Aharonian, F.
- Funk, Seb. *See* Aharonian, F.
- Fürsich, Franz T. *See* Madin, Joshua S.
- Fux, B. *See* Taylor, S.
- Gadagkar, Raghavendra: review of *The Other Insect Societies*, by James T. Costa. p1391 1 Dec 2006.
- Gagan, Michael K. *See* Pelejero, Carles.
- Gaglia, Jason L. *See* Nishio, Junko.
- Gagliardo, Ronald W. *See* Mendelson, Joseph R., III.
- Gainsforth, Z. *See* Brownlee, Don.
- Gainsforth, Zack. *See* Flynn, George J.
- Galatowitsch, Paul and Siegfried, Nandi: The cost of access to HIV treatment (letter). p1540 8 Dec 2006.
- Gallant, Y. A. *See* Aharonian, F.
- Gallien, J.-P. *See* Brownlee, Don.
- Gallien, Jean-Paul. *See* Flynn, George J.
- Gallo, Robert C. *See* Ahuja, Sunil K.
- Galtier, N. *See* Bazin, E.
- Gänsicke, B. T.; Marsh, T. R.; Southworth, J.; Rebassa-Mansergas, A.: A gaseous metal disk around a white dwarf. p1908 22 Dec 2006.
- Gänsicke, Boris T. *See* Littlefair, S. P.
- Gao, X. Y. *See* Amenomori, M.
- Garber, Ken (news): Small RNAs reveal an activating side. p741 3 Nov 2006.
- García, Andrés J. *See* Gomendio, Montserrat.
- García-Hernández, D. A.; García-Lario, P.; Plez, B.; D'Antona, F.; Manchado, A.; Trigo-Rodríguez, J. M.: Rubidium-rich asymptotic giant branch stars. p1751 15 Dec 2006.
- García-Lario, P. *See* García-Hernández, D. A.
- Garde, Julian. *See* Gomendio, Montserrat.
- Garnero, Edward J. *See* Lay, Thorne.
- Garnier, Éric. *See* Shipley, Bill.
- Garratt, Alistair N. *See* Willem, Michael.
- Garwin, Richard L. *See* Morse, Stephen S.
- Garzone, Carmala. *See* Eiler, John.
- Gascon, Claude. *See* Mendelson, Joseph R., III.
- Gasol, Josep M. *See* Vila-Costa, Maria.
- Gaston, Kevin J. *See* Mora, Camilo.
- Gaudenz, Karin. *See* Dequéant, Mary-Lee.
- Gavin, Amanda L.; Hoebé, Kasper; Duong, Bao; Ota, Takayuki; Martin, Christopher; Beutler, Bruce; Nemazee, David: Adjuvant-enhanced antibody responses in the absence of Toll-like receptor signaling. p1936 22 Dec 2006.
- Gazdar, Adi F. *See* Sjöblom, Tobias.
- Geissmann, Frédéric. *See* Casrouge, Armanda.
- Geng, Q. X. *See* Amenomori, M.
- Genge, Matt. *See* Brownlee, Don.
- Genge, Matthew J. *See* Zolensky, Michael E.
- Gerlach, J. *See* Brooks, T. M.
- Gerritsen, Jan W. *See* van Hameren, Richard.
- Gerstein, Mark. *See* Smith, Andrew.
- Gerstein, Mark B. *See* Kim, Philip M.
- Ghosh, Prabjit. *See* Eiler, John.
- Gibbons, Ann (news): Lucy's tour abroad sparks protests. p574 27 Oct 2006. There's more than one way to have your milk and drink it, too. p1672 15 Dec 2006.
- Gibbs, Daniel. *See* Yang, Zhenglin.
- Gibbs, Samantha J.; Bown, Paul R.; Sessa, Jocelyn A.; Bralower, Timothy J.; Wilson, Paul A.: Nannoplankton extinction and origination across the Paleocene-Eocene Thermal Maximum. p1770 15 Dec 2006.
- Giebels, B. *See* Aharonian, F.
- Gil, Rosario. *See* Pérez-Brocá, Vicente.
- Gilles, Mary K. *See* Brownlee, Don. *See also* Sandford, Scott A.
- Gillet, Philippe. *See* Brownlee, Don.
- Gillet, Philippe. *See* Flynn, George J. *See also* Zolensky, Michael E.
- Gilmour, Jamie. *See* Brownlee, Don. *See also* McKeegan, Kevin D.
- Ginsburg, Geoffrey S.; Angrist, Misha; Cook-Deegan, Robert: Genomics and medicine at a crossroads in Chernobyl. p62 6 Oct 2006.
- Ginter, Evgeny K. *See* Kazantseva, Anastasiya.
- Giorgini, J. D. *See* Scheeres, D. J.
- Giorgini, Jon D. *See* Ostro, Steven. J.
- Girard, Marc. *See* Ahuja, Sunil K.
- Gitlin, Jonathan D.: Distributing nutrition (perspective). p1252 24 Nov 2006.
- Glabe, Charles: Avoiding collateral damage in Alzheimer's disease treatment (perspective). p602 27 Oct 2006.
- Glantz, Michael H. *See* McPhaden, Michael J.
- Glavin, Daniel P. *See* Brownlee, Don. *See also* Sandford, Scott A.
- Glazer, B. *See* Tolstoy, M.
- Glémin, S. *See* Bazin, E.
- Glennier, Henrik; Thomsen, Philip Francis; Hebsgaard, Martin Bay; Sørensen, Martin Vinther; Willerslev, Eske: The origin of insects (perspective). p1883 22 Dec 2006.
- Glicenstein, J. F. *See* Aharonian, F.
- Glotzer, Sharon C. *See* Tang, Zhiyong.
- Glynn, Earl. *See* Dequéant, Mary-Lee.
- Goedert, Michel and Spillantini, Maria Grazia: A century of Alzheimer's disease. p777 3 Nov 2006.
- Goldman, Michael A.: review of *Challenging Nature*, by Lee M. Silver. p423 20 Oct 2006.
- Goley, Erin D.; Ohkawa, Taro; Mancuso, Joel; Woodruff, Jeffrey B.; D'Alessio, Joseph A.; Cande, W. Zachaeus; Volkman, Loy E.; Welch, Matthew D.: Dynamic nuclear actin assembly by Arp2/3 complex and a baculovirus WASP-like protein. p464 20 Oct 2006.
- Gollisch, Tim. *See* Herz, Andreas V. M.
- Goltsov, Andrey. *See* Kazantseva, Anastasiya.
- Gomendio, Montserrat; Malo, Aurelio F.; Soler, Ana J.; Fernández-Santos, María R.; Estes, Milagros C.; García, Andrés J.; Roldán, Eduardo R. S.; Garde, Julian: Male fertility and sex ratio at birth in red deer. p1445 1 Dec 2006.
- Gompert, Zachariah; Fordyce, James A.; Forister,

- Matthew L.; Shapiro, Arthur M.; Nice, Chris C.: Homoploid hybrid speciation in an extreme habitat. p1923 22 Dec 2006.
- González, José M. See Howard, Erinn C.
- González-Gaitán, Marcos. See Bökel, Christian.
- Goode, Miranda R. See Vohs, Kathleen D.
- Goret, P. See Aharonian, F.
- Görlich, Dirk. See Frey, Steffen.
- Corvel, Jean-Pierre: Bacterial bushwacking through a microtubule jungle (perspective). p931 10 Nov 2006.
- Gostling, Neil J. See Hagadorn, James W.
- Goswami, B. N.; Venugopal, V.; Sengupta, D.; Madhusoodanan, M. S.; Xavier, Prince K.: Increasing trend of extreme rain events over India in a warming environment. p1442 1 Dec 2006.
- Gottesman, Daniel: Jump-starting quantum error correction with entanglement (perspective). p427 20 Oct 2006.
- Goudey, Clifford A.: Aquaculture in offshore zones (letter). p1875 22 Dec 2006.
- Gough, Nancy R.; Adler, Elizabeth M.; Ray, L. Bryan: Size, mates, and fates. p1409 1 Dec 2006.
- Goulden, M. L. See Randerson, J. T.
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- Grady, Monica M. See Brownlee, Don. See also Keller, Lindsay P.
- Graham, Giles. See McKeegan, Kevin D.
- Graham, Giles A. See Brownlee, Don. See also Flynn, George J. See also Hörz, Friedrich. See also Keller, Lindsay P. See also Zolensky, Michael E.
- Grant, P. G. See Brownlee, Don.
- Grant, Patrick G. See Flynn, George J.
- Grant, Robert M.; Buchbinder, Susan P.; Moore, John P.; Lama, Javier R.; Cohen, Myron S.; Wainberg, Mark A.; MacQueen, Kathleen M.: The cost of access to HIV treatment (letter). p1540 8 Dec 2006.
- Grassly, Nicholas C.; Fraser, Christophe; Wenger, Jay; Deshpande, Jagadish M.; Sutter, Roland W.; Heymann, David L.; Aylward, R. Bruce: New strategies for the elimination of polio from India. p1150 17 Nov 2006.
- Green, Ronald: Throwing the dice (letter). p925 10 Nov 2006.
- Green, Simon F. See Brownlee, Don. See also Flynn, George J. See also Hörz, Friedrich.
- Greene, Matthew. See Summerfield, Christopher.
- Greene, Warner C. See Ahuja, Sunil K.
- Gregersen, Peter K. See Duerr, Richard H.
- Grenfell, Bryan. See Koelle, Katia.
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- Grigorenko, Anastasia P. See Kazantseva, Anastasiya.
- Grimberg, Ansgar; Baur, Heinrich; Bochsler, Peter; Bühler, Fritz; Burnett, Donald S.; Hays, Charles C.; Heber, Veronika S.; Jurewicz, Amy J. G.; Wieler, Rainer: Solar wind neon from Genesis: implications for the lunar noble gas record. p1133 17 Nov 2006.
- Groisman, Eduardo A. See Shin, Dongwoo.
- Grollman, Arthur P. See Marcus, Donald M.
- Grossemey, Faustine. See Brownlee, Don. See also Flynn, George J. See also Keller, Lindsay P. See also Sandford, Scott A.
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- Guo, H. W. See Amenomori, M.
- Guo, Jerry (news): River dolphins down for the count, and perhaps out. p1860 22 Dec 2006.
- Guo, Jerry and Xin, Hao (news): Splicing out the west? p1232 24 Nov 2006.
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- Hagadorn, James W.; Xiao, Shuhai; Donoghue, Philip C. J.; Bengtson, Stefan; Gostling, Neil J.; Pawlowska, Maria; Raff, Elizabeth C.; Raff, Rudolf A.; Turner, F. Rudolf; Chongyu, Yin; Zhou, Chuanming; Yuan, Xunlai; McFeely, Matthew B.; Stampanoni, Marco; Neelson, Kenneth H.: Cellular and subcellular structure of Neoproterozoic animal embryos. p291 13 Oct 2006.
- Hagiwara, Hiromitsu. See Schaap, Pauline.
- Hagiya, Kenji. See Brownlee, Don. See also Zolensky, Michael E.
- Hair, James R. See Floto, R. Andres.
- Hall, Wendy. See Berners-Lee, Tim.
- Hallet, Bernard: Why do freezing rocks break? (perspective). p1092 17 Nov 2006.
- Halpern, Aaron L. See Venkatesh, Byrappa.
- Halpern, Benjamin S. See Worm, Boris.
- Ham, Becky: Chinese Fellowship winners headed to San Francisco (AAAS News & Notes). p1891 22 Dec 2006.
- Hammer, Nathan I. See Hassey, Ruthanne.
- Hammond, Ming C. See Sudarsan, Narasimhan.
- Hampton, John. See Sibert, John.
- Han, Xuemei; Jin, Mi; Breuker, Kathrin; McLafferty, Fred W.: Extending top-down mass spectrometry to proteins with masses greater than 200 kilodaltons. p109 6 Oct 2006.
- Han, Y.; Alsayed, A. M.; Nobili, M.; Zhang, J.; Lubensky, T. C.; Yodh, A. G.: Brownian motion of an ellipsoid. p626 27 Oct 2006.
- Hanauer, David I.; Jacobs-Sera, Deborah; Pedulla, Marisa L.; Cresawn, Steven G.; Hendrix, Roger W.; Hatfull, Graham F.: Teaching scientific inquiry. p1880 22 Dec 2006.
- Handa, Yutaka. See Yoshida, Sei.
- Hando, Justin. See Hilborn, Ray.
- Hänggi, Jürgen. See Papassotiropoulos, Andreas.
- Hansen, Brad M. See Harrington, Joseph.
- Hansma, Paul K.; Schitter, Georg; Fantner, Georg E.; Prater, Craig: High-speed atomic force microscopy (perspective). p601 27 Oct 2006.
- Hara, Manami. See Chong, Anita S.
- Harada, Hyakubun. See Vila-Costa, Maria.
- Haramati, Aviad. See Folkman, Susan.
- Harden, J. W. See Randerson, J. T.
- Harmon, Jennifer. See Yang, Zhenglin.
- Harrington, Joseph; Hansen, Brad M.; Luszczyk, Stasia H.; Seager, Sara; Deming, Drake; Menou, Kristen; Cho, James Y.-K.; Richardson, L. Jeremy: The phase-dependent infrared brightness of the extrasolar planet  $\nu$  Andromedae b. p623 27 Oct 2006.
- Hartigan, James. See Sjöblom, Tobias.
- Hartley, A. See Sempere, T.
- Hartman, Stephen. See DeWan, Andrew.
- Hartmann, Anat. See Kislew, Mordechai E.
- Hartmann, Gunther. See Hornung, Veit.
- Harvey, Ralph. See Brownlee, Don. See also Zolensky, Michael E.
- Hashiguchi, Naoyuki. See Chen, Yu.
- Hassey, Ruthanne; Swain, Ellen J.; Hammer, Nathan I.; Venkataraman, Dhandapani; Barnes, Michael D.: Probing the chiroptical response of a single molecule. p1437 1 Dec 2006.
- Hatfull, Graham F. See Hanauer, David I.
- Hattori, Masahira. See Nakabachi, Atsushi.
- Hatzioannou, Theodora; Princiotta, Michael; Piatak, Michael, Jr.; Yuan, Fang; Zhang, Fengwen; Lifson, Jeffrey D.; Bieniasz, Paul D.: Generation of simian-tropic HIV-1 by restriction factor evasion. p95 6 Oct 2006.
- Hauser, D. See Aharonian, F.
- Hauser, M. See Aharonian, F.
- Hayes-Klug, Jeanette. See Mathiason, Candace K.
- Hays, Charles C. See Grimberg, Ansgar.
- Hays, Sheila A. See Mathiason, Candace K.
- Hayward, Penelope. See Ehebauer, Matthias.
- Hazen, Terry C. See Lin, Li-Hung.
- Hazlerigg, David G. See Lincoln, Gerald A.
- He, H. H. See Amenomori, M.
- He, M. See Amenomori, M.
- He, Yuchun. See Venken, Koen J. T.
- Heber, Veronika S. See Grimberg, Ansgar.
- Hebsgaard, Martin Bay. See Glenner, Henrik.
- Heck, Philipp. See Brownlee, Don. See also Hörz, Friedrich.
- Heck, Philipp R. See Flynn, George J. See also McKeegan, Kevin D.
- Heine, Steven J. See Dar-Nimrod, Ilan.
- Heinrich, Christoph A.: How fast does gold trickle out of volcanoes? (perspective). p263 13 Oct 2006.
- Heinrich, Volkmar. See Kim, Sangwon V.
- Heinzelmann, G. See Aharonian, F.
- Hellemans, Alexander (news): Do early tremors give sneak preview of quake's power? p1670 15 Dec 2006. France to launch first exoplanet hunter. p1671 15 Dec 2006.
- Hemley, Russell J. See Mao, Wendy L.
- Hemmer, P. R. See Childress, L.
- Hempstead, Barbara L. See Chen, Zhe-Yu.
- Hendler, James. See Berners-Lee, Tim.
- Hendrix, Roger W. See Hanauer, David I.
- Henke, Katharina. See Papassotiropoulos, Andreas.
- Henri, G. See Aharonian, F.
- Henriksen, James R. See Howard, Erinn C.
- Henriksen, Steven. See Conti, Bruno.
- Heo, Won Do; Inoue, Takanari; Park, Wei Sun; Kim, Man Lyang; Park, Byung Ouk; Wandless, Thomas J.; Meyer, Tobias: PI(3,4,5)P<sub>3</sub> and PI(4,5)P<sub>2</sub> lipids target proteins with polybasic clusters to the plasma membrane. p1458 1 Dec 2006.
- Hepeng, Jia and Xin, Hao (news): China's fraud buster hit by libel judgments; defenders rally round. p1366 1 Dec 2006.
- Hermann, G. See Aharonian, F.
- Hernlund, John. See Lay, Thorne.
- Héron, Bénédict. See Casrouge, Armanda.
- Herrera, Daniel G. See Chen, Zhe-Yu.
- Herrle, Jens O. See Pälke, Heiko.
- Herschlag, Daniel. See Woodside, Michael T.
- Hertog, Rachel. See Roopnarine, Peter D.
- Herz, Andreas V. M.; Gollisch, Tim; Machens, Christian K.; Jaeger, Dieter: Modeling single-neuron dynamics and computations: a balance of detail and abstraction. p80 6 Oct 2006.
- Herzog, Antonia V. See Doniger, David D.
- Herzog, Gregory F. See Brownlee, Don. See also Flynn, George J.
- Hess, P. G. See Randerson, J. T.
- Hesson, Jennifer. See Ibrahim, Fadia.
- Heus, Hans A. See van Hameren, Richard.
- Heymann, David L. See Grassly, Nicholas C.
- Hibino, K. See Amenomori, M.
- Hibino, Taku. See Rast, Jonathan P.
- Hilborn, Ray; Arcese, Peter; Borner, Markus; Hando, Justin; Hopcraft, Grant; Loibooki, Martin; Mduma,

- Simon; Sinclair, Anthony R. E.: Effective enforcement in a conservation area. p1266 24 Nov 2006.
- Hill, Jason. *See* Tilman, David.
- Hilly, Bertil. *See* Suh, Byung-Chang.
- Hilty, Christian. *See* Schröder, Leif.
- Hime, T.; Reichardt, P. A.; Plourde, B. L. T.; Robertson, T. L.; Wu, C.-E.; Ustinov, A. V.; Clarke, John: Solid-state qubits with current-controlled coupling. p1427 1 Dec 2006.
- Hinton, J. A. *See* Aharonian, F.
- Hirsch, Joy. *See* Summerfield, Christopher.
- Ho, Sam On. *See* Kapanidis, Achillefs N.
- Hobbs, G. B. *See* Kramer, M.
- Hoebé, Kasper. *See* Casrouge, Armanda. *See also* Gavin, Amanda L.
- Hoerling, Martin. *See* Kumar, K. Krishna.
- Hoernl, Frederic J. *See* Pappasotiropoulos, Andreas.
- Hoffmann, A. *See* Aharonian, F.
- Hoffmann, M. *See* Brooks, T. M.
- Hofmann, W. *See* Aharonian, F.
- Hogg, Paul J.: Composites in armor (perspective). p1100 17 Nov 2006.
- Hoh, Josephine. *See* DeWan, Andrew. *See also* Yang, Zhenglin.
- Holbrook, Timothy. *See* Andrews, Lori.
- Holden, Constance (news): California stem-cell institute unveils 10-year plan. p237 13 Oct 2006. Report warns of looming pollination crisis in North America. p397 20 Oct 2006. Resignations rock Census Bureau. p1231 24 Nov 2006.
- Holleran, M. *See* Aharonian, F.
- Holmberg, Martin: Deciding who should get the flu vaccine (letter). p1539 8 Dec 2006.
- Holmes, R. C. *See* Tolstoy, M.
- Holness, Marian: How melted rock migrates (perspective). p934 10 Nov 2006.
- Hong, Hee-Kyung. *See* McDearmon, Erin L.
- Hong, Jong Wook. *See* Ottesen, Elizabeth A.
- Hong Le, Thi Anh. *See* Roumagnac, Philippe.
- Hoogboom, Johan. *See* van Hameren, Richard.
- Hoover, Edward A. *See* Mathiason, Candace K.
- Hopcraft, Grant. *See* Hilborn, Ray.
- Hoppe, Peter. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Hörz, Friedrich. *See also* McKeegan, Kevin D.
- Hoppe, S. *See* Aharonian, F.
- Horns, D. *See* Aharonian, F.
- Hornung, Veit; Ellegast, Jana; Kim, Sarah; Brzózka, Krzysztof; Jung, Andreas; Kato, Hiroki; Poeck, Hendrik; Akira, Shizuo; Conzelmann, Karl-Klaus; Schlee, Martin; Endres, Stefan; Hartmann, Gunther: 5'-triphosphate RNA is the ligand for RIG-I. p994 10 Nov 2006.
- Horreard, François. *See* Novikov, Alexander P.
- Hörz, Friedrich. *See* Brownlee, Don. *See also* Flynn, George J.
- Hörz, Friedrich; Bastien, Ron; Borg, Janet; Bradley, John P.; Bridges, John C.; Brownlee, Donald E.; Burchell, Mark J.; Chi, Miaofang; Cintala, Mark J.; Dai, Zu Rong; Djouadi, Zahia; Dominguez, Gerardo; Economou, Thanasis E.; Fairey, Sam A. J.; Floss, Christine; Franchi, Ian A.; Graham, Giles A.; Green, Simon F.; Heck, Philipp; Hoppe, Peter; Huth, Joachim; Ishii, Hope; Kearsley, Anton T.; Kissel, Jochen; Leitner, Jan; Leroux, Hugues; Marhas, Kuljeet; Messenger, Keiko; Schwandt, Craig S.; See, Thomas H.; Snead, Christopher; Stadermann, Frank J.; Stephan, Thomas; Stroud, Rhonda; Teslich, Nick; Trigo-Rodríguez, Josep M.; Tuzzolino, A. J.; Troadec, David; Tsou, Peter; Warren, Jack; Westphal, Andrew; Wozniakiewicz, Penelope; Wright, Ian; Zinner, Ernst: Impact features on Stardust: implications for comet 81P/Wild 2 dust. p1716 15 Dec 2006.
- Hoskins, Roger A. *See* Venken, Koen J. T.
- Hotta, N. *See* Amenomori, M.
- Houben, Edith N. G. *See* Floto, R. Andres.
- Howard, Erinn C.; Henriksen, James R.; Buchan, Alison; Reisch, Chris R.; Bürgmann, Helmut; Welsh, Rory; Ye, Wenying; González, José M.; Mace, Kimberly; Joye, Samantha B.; Kiene, Ronald P.; Whitman, William B.; Moran, Mary Ann: Bacterial taxa that limit sulfur flux from the ocean. p649 27 Oct 2006.
- Howes, Kimberly. *See* Yang, Zhenglin.
- Hoxie, James A. *See* Ahuja, Sunil K.
- Hsieh, Min-Hsiu. *See* Brun, Todd.
- Hu, H. B. *See* Amenomori, M.
- Hu, Haibing. *See* Amenomori, M.
- Hu, Michael Y. *See* Mao, Wendy L.
- Huang, Haojie; Regan, Kevin M.; Lou, Zhenkun; Chen, Junjie; Tindall, Donald J.: CDK2-dependent phosphorylation of FOXO1 as an apoptotic response to DNA damage. p294 13 Oct 2006.
- Huang, Henry. *See* Shin, Dongwoo.
- Huang, J. *See* Amenomori, M.
- Huang, Q. *See* Amenomori, M.
- Huang, Xin. *See* Cheong, Ian.
- Huber, Claudia and Wächtershäuser, Günter:  $\alpha$ -hydroxy and  $\alpha$ -amino acids under possible Hadean, volcanic origin-of-life conditions. p630 27 Oct 2006.
- Hübner, Christian A. *See* Tyzio, Roman.
- Huentelman, Matthew J. *See* Pappasotiropoulos, Andreas.
- Huey, Oh Seen. *See* Floto, R. Andres.
- Hug, S. J. *See* Ahmed, M. F.
- Hugenholtz, Philip. *See* Baker, Brett J.
- Hughes, Marybeth S. *See* Morgan, Richard A.
- Hughes, Taylor L. *See* Bernevig, B. Andrei.
- Huitron-Resendiz, Salvador. *See* Conti, Bruno.
- Hulet, Randall G. *See* Partridge, Guthrie B.
- Hummon, Amanda B.; Richmond, Timothy A.; Verleyen, Peter; Baggerman, Geert; Huybrechts, Jurgen; Ewing, Michael A.; Vierstraete, Evy; Rodriguez-Zas, Sandra L.; Schoofs, Liliane; Robinson, Gene E.; Sweedler, Jonathan V.: From the genome to the proteome: uncovering peptides in the *Apis* brain. p647 27 Oct 2006.
- Humphries, Murray M. *See* Boutin, Stan.
- Hunter, Eric. *See* Ahuja, Sunil K.
- Hussain, Z. *See* Tanaka, Kiyohisa.
- Hut, Roelof A. *See* Lincoln, Gerald A.
- Hutcheon, Ian D. *See* Brownlee, Don. *See also* McKeegan, Kevin D.
- Huth, Joachim. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Hörz, Friedrich. *See also* McKeegan, Kevin D.
- Hutto, Richard L. *See* DellaSala, Dominick A.
- Huybrechts, Jurgen. *See* Hummon, Amanda B.
- Huynh, Kim-Dung. *See* Pappasotiropoulos, Andreas.
- Hyde, Janet Shibley and Linn, Marcia C.: Gender similarities in mathematics and science. p599 27 Oct 2006.

## I, J, and K

- Ibáñez D., Roberto. *See* Mendelson, Joseph R., III.
- Ibrahim, Fadia; Rohr, Jennifer; Jeong, Won-Joong; Hesson, Jennifer; Cerutti, Heriberto: Untemplated oligoadenylation promotes degradation of RISC-cleaved transcripts. p1893 22 Dec 2006.
- Ido, Tetsuya. *See* Boyd, Martin M.
- Ieraci, Alessandro. *See* Chen, Zhe-Yu.
- Ignatyev, Konstantin. *See* Brownlee, Don. *See also* Flynn, George J.
- Illera, Germán. *See* Bermejo, Magdalena.
- Imai, Takeshi; Suzuki, Misao; Sakano, Hitoshi: Odorant receptor-derived cAMP signals direct axonal targeting. p657 27 Oct 2006.
- Inman, Jamie L. *See* Nelson, Celeste M.
- Inoue, Takamari. *See* Heo, Won Do. *See also* Suh, Byung-Chang.
- Inoue, Yoshiaki. *See* Chen, Yu.
- Insel, Paul A. *See* Chen, Yu.

- Ishii, Hope. *See* Brownlee, Don. *See also* Hörz, Friedrich. *See also* McKeegan, Kevin D. *See also* Zolensky, Michael E.
- Ishii, Hope A. *See* Flynn, George J.
- Ishii, Noriyuki. *See* Yamamoto, Yohei.
- Ishikawa, Hajime. *See* Nakabachi, Atsushi.
- Istrail, Sorin. *See* Samantha, Manoj P.
- Ito, Motoo. *See* Brownlee, Don. *See also* McKeegan, Kevin D.
- Ivanov, Misha Yu. *See* Sussman, Benjamin J.
- Iwata, Makoto. *See* Mora, J. Rodrigo.
- Jablonski, David; Roy, Kaustuv; Valentine, James W.: Out of the tropics: evolutionary dynamics of the latitudinal diversity gradient. p102 6 Oct 2006.
- Jacholkowska, A. *See* Aharonian, F.
- Jackson, Jeremy B. C. *See* Worm, Boris.
- Jacob, Damien. *See* Brownlee, Don. *See also* Zolensky, Michael E.
- Jacobs-Sera, Deborah. *See* Hanauer, David I.
- Jacobsen, Chris. *See* Brownlee, Don. *See also* Sandford, Scott A.
- Jacobsen, Stein. *See* Brownlee, Don.
- Jacobsen, Stein B. *See* McKeegan, Kevin D. *See also* Ranen, Michael C.
- Jaeger, Dieter. *See* Herz, Andreas V. M.
- Jameson, Stephen C.: How protected are coral reefs? (letter). p757 3 Nov 2006.
- Jan, Lily Yeh. *See* Raab-Graham, Kimberly F.
- Jan, Yuh Nung. *See* Raab-Graham, Kimberly F.
- Janssens, Koen. *See* Flynn, George J.
- Jasny, Barbara. *See* Malcomson, Heather.
- Jasny, Barbara R. and Purnell, Beverly A.: The glorious sea urchin. p938 10 Nov 2006.
- Jasny, Barbara R.: The sea urchin. 10 Nov 2006.
- Jelezko, F. *See* Childress, L.
- Jeon, Seokwoo. *See* Ahn, Jong-Hyun.
- Jeong, Won-Joong. *See* Ibrahim, Fadia.
- Jerome, M. *See* Taylor, S.
- Jia, H. Y. *See* Amenomori, M.
- Jin, Mi. *See* Han, Xuemei.
- Jin, Y. *See* Randerson, J. T.
- Jing, Deqiang. *See* Chen, Zhe-Yu.
- Johnson, Justin. *See* Venkatesh, Byrappa.
- Johnson, Tim. *See* McManus, Ed.
- Johnston, J. Spencer. *See* Whitfield, Charles W.
- Jolicœur, Christine. *See* Chan, Jonah R.
- Jones, Peter L. *See* Wang, Ying.
- Jones, Sián. *See* Sjöblom, Tobias.
- Jones, Steve: review of *Mismatch*, by Peter Gluckman and Mark Hanson. p1879 22 Dec 2006.
- Jones, Steven. *See* Brownlee, Don.
- Jorda, Mireia. *See* Wang, Ying.
- Jordan, Ernest Gwyn: Mice, pain, and empathy (letter). p253 13 Oct 2006.
- Jørgensen, Bo Barker and D'Hondt, Steven: A starving majority deep beneath the seafloor (perspective). p932 10 Nov 2006.
- Jørgensen, Rich: Plants, RNAi, and the Nobel Prize (letter). p1242 24 Nov 2006.
- Joshi, Amitabh. *See* Dey, Sutirth.
- Joswiak, David. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Zolensky, Michael E.
- Jouanguy, Emmanuelle. *See* Casrouge, Armanda.
- Joye, Samantha B. *See* Howard, Erinn C.
- Jung, Andreas. *See* Hornung, Veit.
- Junger, Wolfgang G. *See* Chen, Yu.
- Junt, Tobias. *See* Mora, J. Rodrigo.
- Jurewicz, Amy. *See* Brownlee, Don.
- Jurewicz, Amy J. G. *See* Grimberg, Ansgar.
- Jurgens, R. F. *See* Scheeres, D. J.
- Jurgens, Raymond F. *See* Ostro, Steven J.
- Justham, Stephen. *See* Podsiadlowski, Philipp.
- Justice, B. J. *See* Schurig, D.
- Kaiser, Jocelyn (news): Budgets, patients, managing conflicts. p41 6 Oct 2006. House passes plan for drug, vaccine R&D. p39 6 Oct 2006. MEDLINE supplements must list corporate ties. p405 20 Oct 2006. NIH funds a dozen 'homes' for translational



- research. p237 13 Oct 2006. NIH rules rile scientists, survey finds. p740 3 Nov 2006. A physician-scientist takes the helm of NCI. p40 6 Oct 2006.
- Kaiser, Jocelyn and Couzin, Jennifer (news): Gerberding defends her transformation of CDC. p246 13 Oct 2006.
- Kaitala, Veijo. *See* Ranta, Esa.
- Kajino, F. *See* Amenomori, M.
- Kallis, Giorgos; Kiparsky, Michael; Milman, Anita; Ray, Isha: Glossing over the complexity of water (letter). p1387 1 Dec 2006.
- Kalmykov, Stepan N. *See* Novikov, Alexander P.
- Kamar, Ramsey I. *See* Partridge, Guthrie B.
- Kammula, Udai S. *See* Morgan, Richard A.
- Kampmann, Beate. *See* Floto, R. Andres.
- Kan, Amy. *See* Yavuz, Cafer T.
- Kane, Charles L. and Mele, Eugene J.: A new spin on the insulating state (perspective). p1692 15 Dec 2006.
- Kang, Seong Jun. *See* Ahn, Jong-Hyun.
- Kapanidis, Achillefs N.; Margeat, Emmanuel; Ho, Sam On; Kortkhonjia, Ekaterine; Weiss, Shimon; Ebright, Richard H.: Initial transcription by RNA polymerase proceeds through a DNA-scrunching mechanism. p1144 17 Nov 2006.
- Kaplan, Jerry. *See* Kim, Sun A.
- Karma, Alain. *See* Trautt, Zachary T.
- Karr, James R. *See* DellaSala, Dominick A.
- Kasahara, K. *See* Amenomori, M.
- Katayama, Eisaku. *See* Yoshida, Sei.
- Katayose, Y. *See* Amenomori, M.
- Kato, C. *See* Amenomori, M.
- Kato, Hiroki. *See* Hornung, Veit.
- Katz, David L.: review of *Six Arguments for a Greener Diet*, by Michael F. Jacobson and the Staff of the Center for Science in the Public Interest. p762 3 Nov 2006.
- Kaufmann, Steve. *See* Willem, Michael.
- Kawai, Tomoji. *See* Yamamoto, Yohei.
- Kawamura, Akiko. *See* Fukui, Yasuo.
- Kawata, K. *See* Amenomori, M.
- Kazantseva, Anastasiya; Goltsov, Andrey; Zinchenko, Rena; Grigorenko, Anastasia P.; Abrukova, Anna V.; Moliaka, Yuri K.; Kirillov, Alexander G.; Guo, Zhiru; Lyle, Stephen; Ginter, Evgeny K.; Rogae, Evgeny I.: Human hair growth deficiency is linked to a genetic defect in the phospholipase gene *LIPH*. p982 10 Nov 2006.
- Kearsley, Anton. *See* Keller, Lindsay P. *See also* McKeegan, Kevin D.
- Kearsley, Anton T. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Hörz, Friedrich. *See also* Zolensky, Michael E.
- Kelleher, Graeme. *See* Spalding, Mark.
- Keller, Lindsay P. *See* Brownlee, Don. *See also* Nakamura-Messenger, Keiko. *See also* Sandford, Scott A. *See also* Zolensky, Michael E.
- Keller, Lindsay P.; Bajt, Saša; Baratta, Giuseppe A.; Borg, Janet; Bradley, John P.; Brownlee, Don E.; Busemann, Henner; Brucato, John R.; Burchell, Mark; Colangeli, Luigi; d'Hendecourt, Louis; Djouadi, Zahia; Ferrini, Gianluca; Flynn, George; Franchi, Ian A.; Fries, Marc; Grady, Monica M.; Graham, Giles A.; Grossemey, Faustine; Kearsley, Anton; Matrajt, Graciela; Nakamura-Messenger, Keiko; Menella, Vito; Nittler, Larry; Palumbo, Maria E.; Stadermann, Frank J.; Tsou, Peter; Rotundi, Alessandra; Sandford, Scott A.; Snead, Christopher; Steele, Andrew; Wooden, Diane; Zolensky, Mike: Infrared spectroscopy of comet 81P/Wild 2 samples returned by Stardust. p1728 15 Dec 2006.
- Kendziorra, E. *See* Aharonian, F.
- Kennedy, Donald (editorials): Breakthrough of the year. p1841 22 Dec 2006. Responding to fraud. p1353 1 Dec 2006. Salary survey. p725 3 Nov 2006. Show us the money. p1515 8 Dec 2006. Why care about HP? p565 27 Oct 2006.
- Kennedy, Donald: Editorial expression of concern (letter). p592 27 Oct 2006.
- Kern, Jan. *See* Yano, Junko.
- Kerr, Richard A. (news): A dry view of Enceladus puts a damper on chances for life there. p1668 15 Dec 2006. An even drier-looking moon. p589 27 Oct 2006. False alarm: Atlantic conveyor belt hasn't slowed down after all. p1064 17 Nov 2006. Global warming may be homing in on Atlantic hurricanes. p910 10 Nov 2006. Has lazy mixing spoiled the primordial stew? p36 6 Oct 2006. The Kuiper belt loses some of its mystery. p590 27 Oct 2006. Mars orbiter's swan song: the Red Planet is a-changin'. p1528 8 Dec 2006. Pollute the planet for climate's sake? p401 20 Oct 2006. A shot of oxygen to unleash the evolution of animals. p1529 8 Dec 2006. Snapshots from the meeting. p590 27 Oct 2006. Titan lives—geologically, at least. p589 27 Oct 2006.
- Kerschhaggl, M. *See* Aharonian, F.
- Kershaw, Dave. *See* Lin, Li-Hung.
- Ketterle, Wolfgang. *See* Zwierlein, Martin W.
- Key, Sharon. *See* Faustman, Denise L.
- Khalilov, Ilgam. *See* Tyzio, Roman.
- Khan, Tanvir. *See* Chen, Zhe-Yu.
- Khazipov, Rustem. *See* Tyzio, Roman.
- Khélifi, B. *See* Aharonian, F.
- Khodja, H. *See* Brownlee, Don.
- Khodja, Hicham. *See* Flynn, George J.
- Kidwingira, Françoise; Strand, J. D.; Van Harlingen, D. J.; Maeno, Yohiteru: Dynamical superconducting order parameter domains in  $\text{Sr}_2\text{RuO}_4$ . p1267 24 Nov 2006.
- Kieffer, Susan W.; Lu, Xinli; Bethke, Craig M.; Spencer, John R.; Marshak, Stephen; Navrotsky, Alexandra: A clathrate reservoir hypothesis for Enceladus' south polar plume. p1764 15 Dec 2006.
- Kieft, Jeffrey S. *See* Pfingsten, Jennifer S.
- Kiene, Ronald P. *See* Howard, Erinn C. *See also* Vila-Costa, Maria.
- Kiermaier, Eva. *See* Kowarik, Michael.
- Kiessling, Wolfgang. *See* Madin, Joshua S.
- Kiessling, Wolfgang: Life's complexity cast in stone (perspective). p1254 24 Nov 2006.
- Kilcoyne, A. L. David. *See* Sandford, Scott A.
- Kilcoyne, A.L. David. *See* Brownlee, Don.
- Kim, Hoon-Sik. *See* Ahn, Jong-Hyun.
- Kim, Man Lyang. *See* Heo, Won Do.
- Kim, Philip M.; Lu, Long J.; Xia, Yu; Gerstein, Mark B.: Relating three-dimensional structures to protein networks provides evolutionary insights. p1938 22 Dec 2006.
- Kim, Sangwon V.; Mehal, Wajahat Z.; Dong, Xuemei; Heinrich, Volkmar; Pypaert, Marc; Mellman, Ira; Dembo, Micah; Mooseker, Mark S.; Wu, Dianqing; Flavell, Richard A.: Modulation of cell adhesion and motility in the immune system by Myo1f. p136 6 Oct 2006.
- Kim, Sarah. *See* Hornung, Veit.
- Kim, Sun A.; Punshon, Tracy; Lanzirrotti, Antonio; Li, Liangtao; Alonso, José M.; Ecker, Joseph R.; Kaplan, Jerry; Guerinet, Mary Lou: Localization of iron in *Arabidopsis* seed requires the vacuolar membrane transporter VIT1. p1295 24 Nov 2006.
- Kim, Yoon. *See* Poole, Aleksandra Jovanovic.
- King, David A.: Aid to enhance Africa's skills (editorial). p385 20 Oct 2006.
- Kintisch, Eli (news): Congress cancels contentious program to bolster industry. p752 3 Nov 2006. Congress extends tax credits for industry. p1666 15 Dec 2006. Government questions sequencing patent. p1230 24 Nov 2006. Patent experts hope high court will clarify what's obvious. p1230 24 Nov 2006. Scientists look to Missouri to show the way on stem cells. p737 3 Nov 2006. Stem cell supporters hail results, but political lessons aren't clear. p1062 17 Nov 2006. U.S. study finds slower
- breakdown of plutonium in stockpiled weapons. p1526 8 Dec 2006.
- Kinzler, Kenneth W. *See* Cheong, Ian. *See also* Sjöblom, Tobias.
- Kiparsky, Michael. *See* Kallis, Giorgos.
- Kirillov, Alexander G. *See* Kazantseva, Anastasiya.
- Kirkness, Ewen F. *See* Venkatesh, Byrappa.
- Kirsch, David A.: review of *Who Killed the Electric Car?*, by Chris Paine. p424 20 Oct 2006.
- Kislev, Mordechai E.; Hartmann, Anat; Bar-Yosef, Ofer: Response to comment on "Early domesticated fig in the Jordan Valley" (technical comment). p1683 15 Dec 2006. www.sciencemag.org/cgi/content/full/314/5806/1683b.
- Kissel, Jochen. *See* Brownlee, Don. *See also* Hörz, Friedrich.
- Kistner, Emily O. *See* Duerr, Richard H.
- Kitchen, Andrew. *See* Mulligan, Connie J.
- Kleiber, Pierre. *See* Sibert, John.
- Klein, George. *See* Ahuja, Sunil K.
- Klugbauer, Norbert. *See* Berkefeld, Henrike.
- Knaus, Hans-Günther. *See* Berkefeld, Henrike.
- Knoblich, Juergen A.: Sara splits the signal (perspective). p1094 17 Nov 2006.
- Knoch, Daria; Pascual-Leone, Alvaro; Meyer, Kaspar; Treyer, Valerie; Fehr, Ernst: Diminishing reciprocal fairness by disrupting the right prefrontal cortex. p829 3 Nov 2006.
- Ko, Caroline H. *See* McDearmon, Erin L.
- Kobie, James J. *See* Zaiss, Dietmar M.
- Kodama, Shohta. *See* Faustman, Denise L.
- Koechlin, Etienne. *See* Summerfield, Christopher.
- Koelle, Katia; Cobey, Sarah; Grenfell, Bryan; Pascual, Mercedes: Epochal evolution shapes the phylodynamics of interpanemic influenza A (H3N2) in humans. p1898 22 Dec 2006.
- Koenig, Robert (news): South Africa bolsters HIV/AIDS plan, but obstacles remain. p1378 1 Dec 2006.
- Komin, Nu. *See* Aharonian, F.
- Konopelko, A. *See* Aharonian, F.
- Koop, Thomas. *See* Peter, Thomas.
- Kopeck, Charles and Malinow, Roberto: Matters of size (perspective). p1554 8 Dec 2006.
- Korber, Bette. *See* Ahuja, Sunil K.
- Korchynski, O. *See* Nackley, A. G.
- Kortkhonjia, Ekaterine. *See* Kapanidis, Achillefs N.
- Kosack, K. *See* Aharonian, F.
- Kosnik, Matthew A. *See* Madin, Joshua S. *See also* Wagner, Peter J.
- Kotov, Nicholas A. *See* Tang, Zhiyong.
- Kowarik, Michael; Numao, Shin; Feldman, Mario F.; Schulz, Benjamin L.; Callewaert, Nico; Kiermaier, Eva; Catrein, Ina; Aebi, Markus: N-linked glycosylation of folded proteins by the bacterial oligosaccharyltransferase. p1148 17 Nov 2006.
- Kramer, M.; Stairs, I. H.; Manchester, R. N.; McLaughlin, M. A.; Lyne, A. G.; Ferdman, R. D.; Burgay, M.; Lorimer, D. R.; Possenti, A.; D'Amico, N.; Sarkissian, J. M.; Hobbs, G. B.; Reynolds, J. E.; Freire, P. C. C.; Camilo, F.: Tests of general relativity from timing the double pulsar. p97 6 Oct 2006.
- Kranenburg, Christine. *See* Mora, Camilo.
- Krause, Johannes. *See* Noonan, James P.
- Kreitzer, Mary Jo. *See* Folkman, Susan.
- Kremenetski, Konstantine V. *See* MacDonald, Glen M.
- Kretzschmar, Hans A. *See* Neumann, Manuela.
- Kritzinger, Sylvia. *See* Lutz, Wolfgang.
- Kronenberg, Fredi. *See* Folkman, Susan.
- Krot, Alexander. *See* Brownlee, Don.
- Krot, Alexander N. *See* Zolensky, Michael E.
- Kubas, Gregory J.: Breaking the H<sub>2</sub> marriage and reuniting the couple (perspective). p1096 17 Nov 2006.
- Kublin, James G. *See* Abu-Raddad, Laith J.
- Kudaravalli, Sridhar. *See* Noonan, James P.

Kudo, Natsuko. *See* Fukui, Yasuo.  
Kumar, K. Krishna; Rajagopalan, Balaji; Hoerling, Martin; Bates, Gary; Cane, Mark: Unraveling the mystery of Indian monsoon failure during El Niño. p115 6 Oct 2006.  
Kündig, Peter: The future of organic synthesis (perspective). p430 20 Oct 2006.  
Kuritzkes, Daniel R. *See* Ahuja, Sunil K.  
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## L and M

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Lam, Dennis S. C. *See* DeWan, Andrew.  
Lama, Javier R. *See* Grant, Robert M.  
Lamanna, G. *See* Aharonian, F.  
Lamelas, Araceli. *See* Pérez-Brocail, Vicente.  
Lamoreux, J. F. *See* Brooks, T. M.  
Lane, Earl: Abelson seminar: it's "time for microbes to have their due" (AAAS News & Notes). p1256 24 Nov 2006.  
Lange, Bodo M. H. *See* Müller, Hannah.  
Langenhorst, Falko. *See* Brownlee, Don. *See also* Zolensky, Michael E.  
Langerhans, R. Brian. *See* Losos, Jonathan B.  
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Lashof, Daniel A. *See* Doniger, David D.  
Laštovička, J.; Akmaev, R. A.; Beig, G.; Bremer, J.; Emmert, J. T.: Global change in the upper atmosphere (perspective). p1253 24 Nov 2006.  
Latham, Alfred G. *See* Walker, Joanne.  
Latham, I. J. *See* Aharonian, F.  
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Lavine, Marc: The right combination. p1099 11 Nov 2006.  
Lawler, Andrew (news): Hubble gets a green light, with other missions on hold. p736 3 Nov 2006.  
MIT report finds 'breakdown' in neuroscience programs. p913 10 Nov 2006.  
Lay, Thorne; Herlund, John; Garner, Edward J.; Thorne, Michael S.: A post-perovskite lens and  $D''$  heat flux beneath the central Pacific. p1272 24 Nov 2006.  
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Lee, Jinho. *See* Valla, T.  
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Lee, Virginia M.-Y. *See* Neumann, Manuela.  
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Lee-Thorp, Julia A. *See* Spohn, Matt.  
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Leshin, Laurie A. *See* Brownlee, Don. *See also* McKeegan, Kevin D.  
Leslie, Mitch (news): A gut germ goes AWOL. p1865 22 Dec 2006. Sprayed-on growth factors guide stem cells. p1865 22 Dec 2006.  
Lev-Yadun, Simcha; Ne'eman, Gidi; Abbo, Shahal; Flaishman, Moshe A.: Comment on "Early domesticated fig in the Jordan Valley" (technical comment). p1683 15 Dec 2006. www.sciencemag.org/cgi/content/full/314/5806/1683a.  
LeVan, Katherine E. and Wilson-Rich, Noah: review of *The Evolution of Animal Communication*, by William A. Searcy and Stephen Nowicki. p927 10 Nov 2006.  
Levenson, Robert. *See* Lezcano, Nelson.  
Levine, A. J. *See* Savage, J. R.  
Levitov, Leonid S. *See* Valenzuela, Sergio O.  
Lezcano, Nelson; Mrzljak, Ladislav; Levenson, Robert; Bergson, Clare: Retraction (letter). p1681 15 Dec 2006.  
Li, A. F. *See* Amenomori, M.  
Li, J. Y. *See* Amenomori, M.  
Li, Liangtao. *See* Kim, Sun A.  
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Lidgard, Scott. *See* Wagner, Peter J.  
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Lightfoot, David W.: Honey bees and humans: shared innovation (letter). p1681 15 Dec 2006.  
Liljeström, Peter. *See* Pichlmair, Andreas.  
Lima Neto, Gastão B. *See* Bagchi, Joydeep.  
Lin, Jimmy. *See* Sjöblom, Tobias.  
Lin, Li-Hung; Wang, Pei-Ling; Rumble, Douglas; Lippmann-Pipke, Johanna; Boice, Erik; Pratt, Lisa M.; Lollar, Barbara Sherwood; Brodie, Eoin L.; Hazen, Terry C.; Andersen, Gary L.; DeSantis, Todd Z.; Moser, Duane P.; Kershaw, Dave; Onstott, T. C.: Long-term sustainability of a high-energy, low-diversity crustal biome. p479 20 Oct 2006.  
Lin, Suh-Chin J. *See* Poole, Aleksandra Jovanovic.  
Lincoln, Gerald A.; Clarke, Iain J.; Hut, Roelof A.; Hazlerigg, David G.: Characterizing a mammalian circannual pacemaker. p1941 22 Dec 2006.  
Linden, Joel: Purinergic chemotaxis (perspective). p1689 15 Dec 2006.  
Lindenmayer, David. *See* DellaSala, Dominick A.  
Ling, Xu. *See* Wang, Ying.  
Linn, Marcia C. *See* Hyde, Janet Shibley.  
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Litman, Gary W. *See* Rast, Jonathan P.  
Littlefair, S. P.; Dhillon, V. S.; Marsh, T. R.; Gänsicke, Boris T.; Southworth, John; Watson,

C. A.: A brown dwarf mass donor in an accreting binary. p1578 8 Dec 2006.  
Liu, Changsheng. *See* Sjöblom, Tobias.  
Liu, Chenyu. *See* Revyakin, Andrey.  
Liu, David T. L. *See* DeWan, Andrew.  
Liu, H. *See* Randerson, J. T.  
Liu, Hui. *See* Schietinger, Andrea.  
Liu, Ming-Chang. *See* Brownlee, Don. *See also* McKeegan, Kevin D.  
Liu, Mugen. *See* DeWan, Andrew.  
Liu, Shuguang. *See* Zhou, Guoyi.  
Liu, Zhaoping; Neff, Robert A.; Berg, Darwin K.: Sequential interplay of nicotinic and GABAergic signaling guides neuronal development. p1610 8 Dec 2006.  
Llano, Manuel; Saenz, Dyana T.; Meehan, Anne; Wongthida, Phonphimon; Peretz, Mary; Walker, William H.; Teo, Wulin; Poeschla, Eric M.: An essential role for LEDGF/p75 in HIV integration. p461 20 Oct 2006.  
Lloyd, J. R. *See* Ahmed, M. F.  
Lodde, Beatrijs M. *See* Faustman, Denise L.  
Loh, Yong-Hwee. *See* Venkatesh, Byrappa.  
Lohse, T. *See* Aharonian, F.  
Loibooki, Martin. *See* Hilborn, Ray.  
Loll, Bernhard. *See* Yano, Junko.  
Lollar, Barbara Sherwood. *See* Lin, Li-Hung.  
Lorenzo, Lazaro. *See* Casrouge, Armanda.  
Lorimer, D. R. *See* Kramer, M.  
Losos, Jonathan B.; Schoener, Thomas W.; Langerhans, R. Brian; Spiller, David A.: Rapid temporal reversal in predator-driven natural selection. p1111 17 Nov 2006.  
Lotze, Heike K. *See* Worm, Boris.  
Lou, Y.-Q. *See* Amenomori, M.  
Lou, Zhenkun. *See* Huang, Haojie.  
Lough, Janice M. *See* Pelejer, Carles.  
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Loza-Coll, Mariano. *See* Rast, Jonathan P.  
Lu, D. H. *See* Tanaka, Kiyohisa.  
Lu, H. *See* Amenomori, M.  
Lu, Long J. *See* Kim, Philip M.  
Lu, S. L. *See* Amenomori, M.  
Lu, Xinli. *See* Kieffer, Susan W.  
Lu, Yuerui. *See* Zhang, Guangyu.  
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Ludlow, Andrew D. *See* Boyd, Martin M.  
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Lukas, Jiri. *See* Bartek, Jiri.  
Lukin, M. D. *See* Childress, L.  
Lunzer, Mark. *See* Miller, Stephen P.  
Luszcz, Stasia H. *See* Harrington, Joseph.  
Luthcke, S. B.; Zwally, H. J.; Abdalati, W.; Rowlands, D. D.; Ray, R. D.; Nerem, R. S.; Lemoine, F. G.; McCarthy, J. J.; Chinn, D. S.: Recent Greenland ice mass loss by drainage system from satellite gravity observations. p1286 24 Nov 2006.  
Lutz, Wolfgang; Kritzing, Sylvia; Skirbekk, Vegard: The demography of growing European identity. p425 20 Oct 2006.  
Lyle, Stephen. *See* Kazantseva, Anastasiya.  
Lyne, A. G. *See* Kramer, M.  
Lyon, Ian. *See* Brownlee, Don. *See also* McKeegan, Kevin D.  
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MacAry, Paul A. *See* Floto, R. Andres.  
MacDonald, Glen M.; Beilman, David W.; Kremetski, Konstantine V.; Sheng, Yongwei; Smith, Laurence C.; Velichko, Andrei A.: Rapid early development of circumarctic peatlands and atmospheric CH<sub>4</sub> and CO<sub>2</sub> variations. p285 13 Oct 2006.  
Mace, Kimberly. *See* Howard, Erinn C.  
Machens, Christian K. *See* Herz, Andreas V. M.

- Machida, Mami. *See* Fukui, Yasuo.
- Mack, M. C. *See* Randerson, J. T.
- Mackenzie, Dana (news): Breakthrough of the year. p1848 22 Dec 2006.
- Mackenzie, Ian R. *See* Neumann, Manuela.
- MacKinnon, Roderick. *See* Valiyaveetil, Francis I.
- MacPherson, Glen. *See* Brownlee, Don.
- MacPherson, Glenn J. *See* Flynn, George J.
- MacQueen, Kathleen M. *See* Grant, Robert M.
- MacWilliams, Bryon (news): After a lifetime in Russian science, concern for the future. p1677 15 Dec 2006.
- Madhusoodanan, M. S. *See* Goswami, B. N.
- Madin, Joshua S.; Alroy, John; Aberhan, Martin; Fürsich, Franz T.; Kiessling, Wolfgang; Kosnik, Matthew A.; Wagner, Peter J.: Response to comments on "Statistical independence of escalaratory ecological trends in Phanerozoic marine invertebrates" (technical comment). p925 10 Nov 2006. [www.sciencemag.org/cgi/content/full/314/5801/925f](http://www.sciencemag.org/cgi/content/full/314/5801/925f).
- Maeno, Yohiteru. *See* Kidwingira, Francoise.
- Magri, C. *See* Scheeres, D. J.
- Magri, Christopher. *See* Ostro, Steven. J.
- Mahata, Bidesh; Mukherjee, Saikat; Mishra, Sumita; Bandyopadhyay, Arun; Adhya, Samit: Functional delivery of a cytosolic tRNA into mutant mitochondria of human cells. p471 20 Oct 2006.
- Maheshwari, Shamoni. *See* Brideau, Nicholas J.
- Mahfoufi, Nora. *See* Casrouge, Armanda.
- Maini, Philip K.; Baker, Ruth E.; Chuong, Cheng-Ming: The Turing model comes of molecular age (perspective). p1397 1 Dec 2006.
- Maixner, W. *See* Nackley, A. G.
- Majumdar, A. *See* Chang, C. W.
- Makarov, S. S. *See* Nackley, A. G.
- Malcomson, Heather; Jasny, Barbara; Suter, Sherman: Science books for fun and learning—some recommendations for 2006. p1543 8 Dec 2006.
- Maleszka, Ryszard. *See* Wang, Ying.
- Malim, Michael H. *See* Ahuja, Sunil K.
- Malin, Gill: New pieces for the marine sulfur cycle jigsaw (perspective). p607 27 Oct 2006.
- Malin, Michael C.; Edgett, Kenneth S.; Posiolova, Liliya V.; McColley, Shawn M.; Noe Dobrea, Eldar Z.: Present-day impact cratering rate and contemporary gully activity on Mars. p1573 8 Dec 2006.
- Malinow, Roberto. *See* Kopec, Charles.
- Malo, Aurelio F. *See* Gomendio, Montserrat.
- Manchado, A. *See* Garcia-Hernández, D. A.
- Manchester, R. N. *See* Kramer, M.
- Mancuso, Joel. *See* Goley, Erin D.
- Mandelker, Diana. *See* Sjöblom, Tobias.
- Mangels, Jennifer. *See* Summerfield, Christopher.
- Mann, David. *See* Zhang, Guangyu.
- Mao, Ho-kwang. *See* Mao, Wendy L.
- Mao, Wendy L.; Mao, Ho-kwang; Meng, Yue; Eng, Peter J.; Hu, Michael Y.; Chow, Paul; Cai, Yong Q.; Shu, Jinfu; Hemley, Russell J.: X-ray-induced dissociation of H<sub>2</sub>O and formation of an O<sub>2</sub>-H<sub>2</sub> alloy at high pressure. p636 27 Oct 2006.
- Marcolli, Claudia. *See* Peter, Thomas.
- Marcowith, A. *See* Aharonian, F.
- Marcus, Donald M. and Grollman, Arthur P.: Debating the worth of NCCAM research (letter). p1083 17 Nov 2006.
- Marcus, Matthew A. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Zolensky, Michael E.
- Marder, Todd B.: Boron goes on the attack (perspective). p69 6 Oct 2006.
- Margeat, Emmanuel. *See* Kapanidis, Achillefs N.
- Margot, J.-L. *See* Scheeres, D. J.
- Margot, Jean-Luc. *See* Ostro, Steven. J.
- Marhas, Kuljeet. *See* Brownlee, Don. *See also* Hörz, Friedrich. *See also* McKeegan, Kevin D.
- Marhas, Kuljeet K. *See* Flynn, George J.
- Markowitz, Sanford D. *See* Sjöblom, Tobias.
- Marsh, T. R. *See* Gänsicke, B. T. *See also* Littlefair, S. P.
- Marshak, Stephen. *See* Kieffer, Susan W.
- Marshall, Charles R.: Fossil record reveals tropics as cradle and museum (perspective). p66 6 Oct 2006.
- Marshall, Eliot (news): DeCODE adds plagiarism allegation to its case. p580 27 Oct 2006. Olympics-level costs upset plan to move U.K. biomedical institute. p740 3 Nov 2006. Seeing a 'plot,' deCODE sues to block a DNA research center. p30 6 Oct 2006.
- Marshall, John F. *See* Pelejero, Carles.
- Martin, Christopher. *See* Gavin, Amanda L.
- Martin, J. M. *See* Aharonian, F.
- Martineau-Huynh, O. *See* Aharonian, F.
- Martinez Arias, Alfonso. *See* Ehebauer, Matthias.
- Marty, Bernard. *See* Brownlee, Don. *See also* McKeegan, Kevin D.
- Marx, Jean (news): Gene offers insight into macular degeneration. p405 20 Oct 2006. Picking apart the causes of mysterious dementias. p42 6 Oct 2006. Squelching progesterone's signal may prevent breast cancer. p1370 1 Dec 2006.
- Marx, Preston A. *See* Ahuja, Sunil K.
- Masliah, Eliezer. *See* Neumann, Manuela.
- Mason, Gary L. *See* Mathiason, Candace K.
- Masters, Karen L. *See* Pounds, J. Alan.
- Masterson, C. *See* Aharonian, F.
- Masuda, Jason D. *See* Welch, Gregory C.
- Matear, Richard J. and McNeil, Ben I.: Comment on "Preindustrial to modern interdecadal variability in coral reef pH" (technical comment). p595 27 Oct 2006. [www.sciencemag.org/cgi/content/full/314/5799/595b](http://www.sciencemag.org/cgi/content/full/314/5799/595b).
- Mathiason, Candace K.; Powers, Jenny G.; Dahmes, Sallie J.; Osborn, David A.; Miller, Karl V.; Warren, Robert J.; Mason, Gary L.; Hays, Sheila A.; Hayes-Klug, Jeanette; Seelig, Davis M.; Wild, Margaret A.; Wolfe, Lisa L.; Spraker, Terry R.; Miller, Michael W.; Sigurdson, Christina J.; Telling, Glenn C.; Hoover, Edward A.: Infectious prions in the saliva and blood of deer with chronic wasting disease. p133 6 Oct 2006.
- Mathis, Diane. *See* Nishio, Junko.
- Matrajt, Graciela. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Keller, Lindsay P. *See also* McKeegan, Kevin D. *See also* Sandford, Scott A. *See also* Zolensky, Michael E.
- Matsumoto, Ryoji. *See* Fukui, Yasuo.
- Matzke, Antonius J. M. *See* Matzke, Marjori.
- Matzke, Marjori and Matzke, Antonius J. M.: Plants, RNAi, and the Nobel Prize (letter). p1242 24 Nov 2006.
- Mauder, Mark. *See* Sibert, John.
- Maurin, G. *See* Aharonian, F.
- Mavroukakis, Sharon A. *See* Morgan, Richard A.
- Maxted, Pierre F. L.: A ghostly star revealed in silhouette (perspective). p1550 8 Dec 2006.
- Mayo, J. T. *See* Yavuz, Cafer T.
- McAdam, Andrew G. *See* Boutin, Stan.
- McCarthy, J. J. *See* Luthcke, S. B.
- McCluskey, Leo F. *See* Neumann, Manuela.
- McColley, Shawn M. *See* Malin, Michael C.
- McComb, T. J. L. *See* Aharonian, F.
- McCulloch, Malcolm T. *See* Pelejero, Carles.
- McCune, Joseph M. *See* Ahuja, Sunil K.
- McDearmon, Erin L.; Patel, Kush N.; Ko, Caroline H.; Walisser, Jacqueline A.; Schook, Andrew C.; Chong, Jason L.; Wilsbacher, Lisa D.; Song, Eun J.; Hong, Hee-Kyung; Bradfield, Christopher A.; Takahashi, Joseph S.: Dissecting the functions of the mammalian clock protein BMAL1 by tissue-specific rescue in mice. p1304 24 Nov 2006.
- McEwen, Bruce S. *See* Chen, Zhe-Yu.
- McFeeley, Matthew B. *See* Hagadorn, James W.
- McGill, Brian J.: A renaissance in the study of abundance (perspective). p770 3 Nov 2006.
- McKeegan, Kevin. *See* Brownlee, Don.
- McKeegan, Kevin D.; Aléon, Jerome; Bradley, John; Brownlee, Donald; Busemann, Henner; Butterworth, Anna; Chaussidon, Marc; Fallon, Stewart; Floss, Christine; Gilmour, Jamie; Gounelle, Matthieu; Graham, Giles; Guan, Yunbin; Heck, Philipp R.; Hoppe, Peter; Hutcheon, Ian D.; Huth, Joachim; Ishii, Hideo; Ito, Motoo; Jacobsen, Stein B.; Kearsley, Anton; Leshin, Laurie A.; Liu, Ming-Chang; Lyon, Ian; Marhas, Kuljeet; Marty, Bernard; Matrajt, Graciela; Meibom, Anders; Messenger, Scott; Mostefaoui, Smail; Mukhopadhyay, Sujoy; Nakamura-Messenger, Keiko; Nittler, Larry; Palma, Russ; Pepin, Robert O.; Papanastassiou, Dimitri A.; Robert, François; Schlutter, Dennis; Snead, Christopher J.; Stadermann, Frank J.; Stroud, Rhonda; Tsou, Peter; Westphal, Andrew; Young, Edward D.; Ziegler, Karen; Zimmermann, Laurent; Zinner, Ernst: Isotopic compositions of cometary matter returned by Stardust. p1724 15 Dec 2006.
- McLafferty, Fred W. *See* Han, Xuemei.
- McLaughlin, M. A. *See* Kramer, M.
- McLaughlin, Stuart: Tools to tamper with phosphoinositides (perspective). p1402 1 Dec 2006.
- McManus, Ed; Besançon, Charles; Johnson, Tim: How protected are coral reefs? (letter). p757 3 Nov 2006.
- McMichael, Andrew. *See* Ahuja, Sunil K.
- McNeil, Ben I. *See* Matear, Richard J.
- McPhaden, Michael J.; Zebiak, Stephen E.; Glantz, Michael H.: ENSO as an integrating concept in Earth science. p1740 15 Dec 2006.
- Mduma, Simon. *See* Hilborn, Ray.
- Mead, Nicole L. *See* Vohs, Kathleen D.
- Meade, Andrew. *See* Pagel, Mark.
- Meeh, Paul. *See* Sjöblom, Tobias.
- Meehan, Anne. *See* Llano, Manuel.
- Mehal, Wajahat Z. *See* Kim, Sangwon V.
- Mehta, Mausmi P. and Baross, John A.: Nitrogen fixation at 92°C by a hydrothermal vent archaeon. p1783 15 Dec 2006.
- Meibom, Anders. *See* Brownlee, Don. *See also* McKeegan, Kevin D. *See also* Sandford, Scott A. *See also* Zolensky, Michael E.
- Mele, Eugene J. *See* Kane, Charles L.
- Mellman, Ira. *See* Kim, Sangwon V.
- Ménard, François. *See* Lagage, Pierre-Olivier.
- Mendelson, Joseph R., III; Lips, Karen R.; Diffendorfer, James E.; Gagliardo, Ronald W.; Rabb, George B.; Collins, James P.; Daszak, Peter; Ibáñez D.; Roberto; Zippel, Kevin C.; Stuart, Simon N.; Gascon, Claude; Da Silva, Hélio R.; Burrows, Patricia A.; Lacy, Robert C.; Bolaños, Federico; Coloma, Luis A.; Wright, Kevin M.; Wake, David B.: Responding to amphibian loss (letter). p1541 8 Dec 2006.
- Meng, X. R. *See* Amenomori, M.
- Meng, Yue. *See* Mao, Wendy L.
- Mennella, Vito. *See* Brownlee, Don. *See also* Keller, Lindsay P. *See also* Sandford, Scott A.
- Menou, Kristen. *See* Harrington, Joseph.
- Meredith, Stephen C. *See* Schietinger, Andrea.
- Merkulov, Alex. *See* Novikov, Alexander P.
- Mervis, Jeffrey (news): Congress endorses bigger NIH budget, director's fund. p1667 15 Dec 2006. Doing more with less. p1374 1 Dec 2006. Explaining science to power: make it simple, make it pay. p1228 24 Nov 2006. Gordon steps up to House Science post. p1061 17 Nov 2006. Higher costs, accident imperil plans. p577 27 Oct 2006. Hopes for innovation bill rest on lame-duck Congress. p31 6 Oct 2006. NIH trims award size as spending crunch looms. p1862 22 Dec 2006. Science awaits impact of Democratic sweep in Congress. p1060 17 Nov 2006. Scientists feel the pain as 2007 budget outlook grows dark. p1666 15 Dec 2006. U.S. needs new icebreakers, report tells Congress. p33 6 Oct 2006.

- Meskhidze, Nicholas and Nenes, Athanasios: Phytoplankton and cloudiness in the Southern Ocean. p1419 1 Dec 2006.
- Messenger, Keiko. *See* Brownlee, Don. *See also* Hörz, Friedrich.
- Messenger, Scott. *See* Brownlee, Don. *See also* McKeegan, Kevin D. *See also* Nakamura-Messenger, Keiko.
- Messinger, Johannes. *See* Yano, Junko.
- Meyer, Kaspar. *See* Knoch, Daria.
- Meyer, Ryan M.: Climate change hearings and policy issues (letter). p1681 15 Dec 2006.
- Meyer, Tobias. *See* Heo, Won Do. *See also* Suh, Byung-Chang.
- Mezey, Éva. *See* Faustman, Denise L.
- Michelena, José Manuel. *See* Pérez-Brocá, Vicente.
- Micheli, Fiorenza. *See* Worm, Boris.
- Micsenyi, Matthew C. *See* Neumann, Manuela.
- Mielczarek, Eugenie Vorburger: On the lack of women in academic science (letter). p592 27 Oct 2006.
- Mien, Tan Suet. *See* Floto, R. Andres.
- Mignot, Cyril. *See* Casrouge, Armanda.
- Mikkelsen, M. H. *See* Berezovsky, J.
- Mikouchi, Takashi. *See* Brownlee, Don. *See also* Zolensky, Michael E.
- Milano-Curto, Alicia. *See* Schaap, Pauline.
- Miller, Bruce L. *See* Neumann, Manuela.
- Miller, Christopher. *See* Ahuja, Sunil K.
- Miller, Greg (news): An enterprising approach to brain science. p76 6 Oct 2006. Getting a read on Rett syndrome. p1536 8 Dec 2006. A scientist's nightmare: software problem leads to five retractions. p1856 22 Dec 2006. Shining new light on neural circuits. p1674 15 Dec 2006.
- Miller, Karl V. *See* Mathiason, Candace K.
- Miller, Michael W. *See* Mathiason, Candace K.
- Miller, Richard L. *See* Casrouge, Armanda.
- Miller, Stephen P.; Lunzer, Mark; Dean, Antony M.: Direct demonstration of an adaptive constraint. p458 20 Oct 2006.
- Miller, T. *See* Speer, N. J.
- Miller, Veronica. *See* Ahuja, Sunil K.
- Millis, A. J.: Gaps and our understanding (perspective). p1888 22 Dec 2006.
- Mills, Edward and Rennie, Stuart: HIV testing and individual rights (letter). p417 20 Oct 2006.
- Milman, Anita. *See* Kallis, Giorgos.
- Minlebaev, Marat. *See* Tyzio, Roman.
- Mishra, Sumita. *See* Mahata, Bidesh.
- Mittermeier, C. G. *See* Brooks, T. M.
- Mittermeier, R. A. *See* Brooks, T. M.
- Miyamoto, Michael M. *See* Mulligan, Connie J.
- Mizuno, Akira. *See* Fukui, Yasuo.
- Mizuno, Norikazu. *See* Fukui, Yasuo.
- Mizutani, K. *See* Amenomori, M.
- Mizzen, Craig A. *See* Wang, Ying.
- Mo, Jiangming. *See* Zhou, Guoyi.
- Mock, J. J. *See* Schurig, D.
- Mogil, Jeffrey S.: Mice, pain, and empathy (letter). p253 13 Oct 2006.
- Moliaka, Yuri K. *See* Kazantseva, Anastasiya.
- Mondadori, Christian R. A. *See* Papassotiropoulos, Andreas.
- Montagnier, Luc. *See* Ahuja, Sunil K.
- Montefiori, David C. *See* Ahuja, Sunil K.
- Mooney, Harold A. *See* Carpenter, Stephen R.
- Moore, John P. *See* Ahuja, Sunil K. *See also* Grant, Robert M.
- Moore, Tyler. *See* Anderson, Ross.
- Mooseker, Mark S. *See* Kim, Sangwon V.
- Mora, Camilo; Andréfouët, Serge; Costello, Mark J.; Kranenburg, Christine; Rollo, Audrey; Veron, John; Gaston, Kevin J.; Myers, Ransom A.: How protected are coral reefs? (letter). p757 3 Nov 2006.
- Mora, J. Rodrigo; Iwata, Makoto; Eksteen, Bertus; Song, Si-Young; Junt, Tobias; Senman, Balimkiz; Otipoby, Kevin L.; Yokota, Aya; Takeuchi, Hajime; Ricciardi-Castagnoli, Paola; Rajewsky, Klaus; Adams, David H.; von Andrian, Ulrich H.: Generation of gut-homing IgA-secreting B cells by intestinal dendritic cells. p1157 17 Nov 2006.
- Morale, Maria Concetta. *See* Conti, Bruno.
- Moran, Mary Ann. *See* Howard, Erinn C.
- Moran, Nancy A. *See* Nakabachi, Atsushi.
- Morél, François M. M. and Groves, John T.: Edward I. Stiefel (1942–2006) (perspective). p1406 1 Dec 2006.
- Morgan, Elizabeth A. *See* Beck, Moriah R.
- Morgan, M. Granger: Don't grandfather coal plants (editorial). p1049 17 Nov 2006.
- Morgan, Richard A.; Dudley, Mark E.; Wunderlich, John R.; Hughes, Marybeth S.; Yang, James C.; Sherry, Richard M.; Royal, Richard E.; Topalian, Suzanne L.; Kammula, Udai S.; Restifo, Nicholas P.; Zheng, Zhili; Nahvi, Azam; de Vries, Christian R.; Rogers-Freezer, Linda J.; Mavroukakis, Sharon A.; Rosenberg, Steven A.: Cancer regression in patients after transfer of genetically engineered lymphocytes. p126 6 Oct 2006.
- Morris, Mark: Galactic prominences on the rise (perspective). p70 6 Oct 2006.
- Morse, Stephen S.; Garwin, Richard L.; Olsiewski, Paula J.: Next flu pandemic: what to do until the vaccine arrives? p929 10 Nov 2006.
- Moser, Duane P. *See* Lin, Li-Hung.
- Mosmann, Tim R. *See* Zaiss, Dietmar M.
- Mostefaoui, Smail. *See* Brownlee, Don. *See also* McKeegan, Kevin D. *See also* Sandford, Scott A. *See also* Zolensky, Michael E.
- Moulin, E. *See* Aharonian, F.
- Moxley, Joel. *See* Alper, Hal.
- Moya, Andrés. *See* Pérez-Brocá, Vicente.
- Mrzljak, Ladislav. *See* Lezcano, Nelson.
- Mu, J. *See* Amenomori, M.
- Mucke, Lennart. *See* Roberson, Erik D.
- Muir, Tom W. *See* Valiyaveetil, Francis I.
- Mukherjee, Saikat. *See* Mahata, Bidesh.
- Mukhopadhyay, Sujoy. *See* McKeegan, Kevin D.
- Müller, Hannah; Fogeron, Marie-Laure; Lehmann, Verena; Lehrach, Hans; Lange, Bodo M. H.: A centrosome-independent role for  $\gamma$ -TuRC proteins in the spindle assembly checkpoint. p654 27 Oct 2006.
- Mulligan, Connie J.; Kitchen, Andrew; Miyamoto, Michael M.: Comment on "Population size does not influence mitochondrial genetic diversity in animals" (technical comment). p1390 1 Dec 2006. www.sciencemag.org/cgi/content/full/314/5804/1390a.
- Munakata, K. *See* Amenomori, M.
- Murton, Julian B.; Peterson, Rorik; Ozouf, Jean-Claude: Bedrock fracture by ice segregation in cold regions. p1127 17 Nov 2006.
- Mushegian, Arcady. *See* Dequéant, Mary-Lee.
- Mutzel, Rupert. *See* Schaap, Pauline.
- Myasoedov, Boris F. *See* Novikov, Alexander P.
- Myers, Ransom A. *See* Mora, Camilo.

## N and O

- Nackley, A. G.; Shabalina, S. A.; Tchivileva, I. E.; Satterfield, K.; Korchynskyi, O.; Makarov, S. S.; Maixner, W.; Diatchenko, L.: Human catechol-O-methyltransferase haplotypes modulate protein expression by altering mRNA secondary structure. p1930 22 Dec 2006.
- Nagai, A. *See* Amenomori, M.
- Nahvi, Azam. *See* Morgan, Richard A.
- Nakabachi, Atsushi; Yamashita, Atsushi; Toh, Hidehiro; Ishikawa, Hajime; Dunbar, Helen E.; Moran, Nancy A.; Hattori, Masahira: The 160-kilobase genome of the bacterial endosymbiont *Carsoneella*. p267 13 Oct 2006.
- Nakamura, Tomoki. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Zolensky, Michael E.
- Nakamura-Messenger, Keiko. *See* Flynn, George J. *See also* Keller, Lindsay P. *See also* McKeegan, Kevin D. *See also* Zolensky, Michael E.
- Nakamura-Messenger, Keiko; Messenger, Scott; Keller, Lindsay P.; Clemett, Simon J.; Zolensky, Michael E.: Organic globules in the Tagish Lake meteorite: remnants of the protosolar disk. p1439 1 Dec 2006.
- Nakano, T. *See* Brownlee, Don.
- Nakano, Tsukasa. *See* Flynn, George J.
- Nakayama, Keiichi I. *See* Shirane, Michiko.
- Nanjo, H. *See* Amenomori, M.
- Näslund, Tanja I. *See* Pichlmair, Andreas.
- Natelson, Douglas. *See* Yavuz, Cafer T.
- Navrotsky, Alexandra. *See* Kieffer, Susan W.
- Naylor, Rosamond L.: Aquaculture in offshore zones (letter). p1875 22 Dec 2006.
- Nealson, Kenneth H. *See* Hagadorn, James W.
- Nedbal, D. *See* Aharonian, F.
- Ne'eman, Gidi. *See* Lev-Yadun, Simcha.
- Neff, J. C. *See* Randerson, J. T.
- Neff, Robert A. *See* Liu, Zhaoping.
- Nelson, Celeste M.; VanDuijn, Martijn M.; Inman, Jamie L.; Fletcher, Daniel A.; Bissell, Mina J.: Tissue geometry determines sites of mammary branching morphogenesis in organotypic cultures. p298 13 Oct 2006.
- Nelson, Michaela. *See* Schaap, Pauline.
- Nemazee, David. *See* Gavin, Amanda L.
- Nenes, Athanasios. *See* Meskhidze, Nicholas.
- Nerem, R. S. *See* Luthcke, S. B.
- NetWatch: Ask, and ye shall receive. p229 13 Oct 2006. At home with troglodytes. p1845 22 Dec 2006. Back on the prowl. p733 3 Nov 2006. Bent into shape. p571 27 Oct 2006. Bioinformatics for dummies. p27 6 Oct 2006. Bioinformatics home base. p393 20 Oct 2006. Building a better .... p27 6 Oct 2006. Cancer gene cache. p1057 17 Nov 2006. Crop circles. p1221 24 Nov 2006. Diseases on the move. p1363 1 Dec 2006. Earth science defined. p393 20 Oct 2006. Follow that smoke. p393 20 Oct 2006. Free journals for the Third World. p901 10 Nov 2006. Going out with a bang. p571 27 Oct 2006. Graphing lesson. p229 13 Oct 2006. Learning to read the dots. p393 20 Oct 2006. Life through the lens. p229 13 Oct 2006. Mix-and-match chemistry. p571 27 Oct 2006. Neither animal nor vegetable. p733 3 Nov 2006. Neuroscience family tree. p229 13 Oct 2006. A new look at Leonardo. p1663 15 Dec 2006. Physics club. p733 3 Nov 2006. Ready, set, read. p229 13 Oct 2006. Recalled to life. p27 6 Oct 2006. Reef watching. p1519 8 Dec 2006. A scholarly Wikipedia? p571 27 Oct 2006. Sea stories. p733 3 Nov 2006. Stroll through chemistry history. p393 20 Oct 2006. This view of Gould. p571 27 Oct 2006. Time for a close-up. p27 6 Oct 2006. The ultimate Darwin library. p733 3 Nov 2006. Weighing the alternatives. p27 6 Oct 2006.
- Neumann, Manuela; Sampathu, Deepak M.; Kwong, Linda K.; Truax, Adam C.; Micsenyi, Matthew C.; Chou, Thomas T.; Bruce, Jennifer; Schuck, Theresa; Grossman, Murray; Clark, Christopher M.; McCluskey, Leo F.; Miller, Bruce L.; Masliah, Eliezer; Mackenzie, Ian R.; Feldman, Howard; Feiden, Wolfgang; Kretzschmar, Hans A.; Trojanowski, John Q.; Lee, Virginia M.-Y.: Ubiquitinated TDP-43 in frontotemporal lobar degeneration and amyotrophic lateral sclerosis. p130 6 Oct 2006.
- Nevoigt, Elke. *See* Alper, Hal.
- News staff, the (news): Areas to watch in 2007. p1854 22 Dec 2006. The runners-up. p1850 22 Dec 2006. Scorecard 2006. p1850 22 Dec 2006.
- Newsmakers: Adapting to the times. p755 3 Nov 2006. Avoiding sex in space. p249 13 Oct 2006. Baby steps. p591 27 Oct 2006. Back in orbit. p903 10 Nov 2006. Back to science. p1521 8 Dec 2006. Backing down. p755 3 Nov 2006. Beautiful brains. p49 6 Oct 2006. Cancer network. p1223

- 24 Nov 2006. Change at EMBO. p1665 15 Dec 2006. Change at NCCAM. p1059 17 Nov 2006. Change at the Salk. p1223 24 Nov 2006. Cleverness controversy. p1365 1 Dec 2006. David Schimel. p1521 8 Dec 2006. Degree-granting museum. p903 10 Nov 2006. Digital pathway. p49 6 Oct 2006. Dissertation blues. p415 20 Oct 2006. Doll under attack. p1847 22 Dec 2006. Double credit. p415 20 Oct 2006. European science prize. p903 10 Nov 2006. Explorer. p415 20 Oct 2006. Family-friendly climate. p1847 22 Dec 2006. The first podster. p1365 1 Dec 2006. Focusing on science. p249 13 Oct 2006. A fresh beginning. p755 3 Nov 2006. Frozen forever. p591 27 Oct 2006. The geology gene. p1223 24 Nov 2006. Globetrotter. p1665 15 Dec 2006. Higher stakes. p1665 15 Dec 2006. Honored. p1665 15 Dec 2006. In his prime. p1059 17 Nov 2006. In limbo. p591 27 Oct 2006. In tandem. p1365 1 Dec 2006. An inconvenient DVD. p1521 8 Dec 2006. Math prize. p903 10 Nov 2006. More ashore. p415 20 Oct 2006. Moving day. p1847 22 Dec 2006. New IOM members. p415 20 Oct 2006. New *PNAS* editor. p591 27 Oct 2006. One-way street. p591 27 Oct 2006. Paris. p249 13 Oct 2006. Paul Hébert. p1847 22 Dec 2006. Retired. p755 3 Nov 2006. Role model. p1521 8 Dec 2006. Serge Feneuille. p1059 17 Nov 2006. Stem cell angels. p1223 24 Nov 2006. Sticking with CDC. p49 6 Oct 2006. Susan Wood. p49 6 Oct 2006. Trouble in Italy. p903 10 Nov 2006. Troubleshooter. p1059 17 Nov 2006. U.K. science minister. p1365 1 Dec 2006. A win win. p1665 15 Dec 2006.
- Newville, M. *See* Brownlee, Don.
- Newville, Matthew. *See* Flynn, George J.
- Ng, Benjamin K. *See* Chan, Jonah R.
- Ngai, Jacqueline T. and Srivastava, Diane S.: Predators accelerate nutrient cycling in a bromeliad ecosystem. p963 10 Nov 2006.
- Nice, Chris C. *See* Gompert, Zachariah.
- Nicolae, Dan L. *See* Duerr, Richard H.
- Nicolas, Nathalie. *See* Casrouge, Armanda.
- Nishio, Junko; Gaglia, Jason L.; Turvey, Stuart E.; Campbell, Christopher; Benoist, Christophe; Mathis, Diane: Response to comment on Nishio *et al.* on diabetes reversal in NOD mice (technical comment). p1243 24 Nov 2006. www.sciencemag.org/cgi/content/full/314/5803/1243c.
- Nishizawa, M. *See* Amenomori, M.
- Nisoli, M. *See* Sansone, G.
- Nittler, Larry. *See* Keller, Lindsay P. *See also* McKeegan, Kevin D.
- Nittler, Larry R. *See* Brownlee, Don. *See also* Sandford, Scott A.
- Nixon, Douglas F. *See* Ahuja, Sunil K.
- Nizet, Victor. *See* Chen, Yu.
- Nobili, M. *See* Han, Y.
- Noda, Susumu: Seeking the ultimate nanolaser (perspective). p260 13 Oct 2006.
- Noe Dobrea, Eldar Z. *See* Malin, Michael C.
- Nolan, M. C. *See* Scheeres, D. J.
- Nolan, Michael C. *See* Ostro, Steven. J.
- Nolan, S. J. *See* Aharonian, F.
- Nolte, Roeland J. M. *See* van Hameren, Richard.
- Noonan, James P. *See* Prabhakar, Shyam.
- Noonan, James P.; Coop, Graham; Kudaravalli, Sridhar; Smith, Doug; Krause, Johannes; Alessi, Joe; Chen, Feng; Platt, Darren; Pääbo, Svante; Pritchard, Jonathan K.; Rubin, Edward M.: Sequencing and analysis of Neanderthal genomic DNA. p1113 17 Nov 2006.
- Normile, Dennis (news): Is China coming clean on bird flu? p905 10 Nov 2006. Japanese latecomer joins race to build a hard x-ray laser. p751 3 Nov 2006. New H5N1 strain emerges in Southern China. p742 3 Nov 2006.
- Normile, Dennis and Cho, Adrian (news): Japan gets head start in race to build exotic isotope accelerators. p1678 15 Dec 2006.
- Norris, Richard D. *See* Pälke, Heiko.
- Norse, Elliott A. *See* Osherenko, Gail.
- Noss, Reed F. *See* DellaSala, Dominick A.
- Noutsos, A. *See* Aharonian, F.
- Novak, Bozidar. *See* Willem, Michael.
- Novikov, Alexander P.; Kalmykov, Stepan N.; Utsunomiya, Satoshi; Ewing, Rodney C.; Horreard, François; Merkulov, Alex; Clark, Sue B.; Tkachev, Vladimir V.; Myasoedov, Boris F.: Colloid transport of plutonium in the far-field of the Mayak Production Association, Russia. p638 27 Oct 2006.
- Nowak, Martin A.: Five rules for the evolution of cooperation. p1560 8 Dec 2006.
- Nozaki, Kyoko. *See* Segawa, Yasutomo.
- Nozawa, Satoshi. *See* Fukui, Yasuo.
- Numao, Shin. *See* Kowarik, Michael.
- Nuzzo, Ralph G. *See* Ahn, Jong-Hyun.
- Oehlmann, Wulf. *See* Floto, R. Andres.
- Offringa, Rien: Cancer immunotherapy is more than a numbers game (perspective). p68 6 Oct 2006.
- Ogawa, Michinaga. *See* Yoshida, Sei.
- Ohkawa, Taro. *See* Goley, Erin D.
- Ohnishi, Ichiro. *See* Brownlee, Don. *See also* Zolensky, Michael E.
- Ohnishi, M. *See* Amenomori, M.
- Ohsumi, Kazumasa. *See* Brownlee, Don. *See also* Zolensky, Michael E.
- Ohta, I. *See* Amenomori, M.
- Okawa, D. *See* Chang, C. W.
- Okudaira, Kyoko. *See* Brownlee, Don. *See also* Zolensky, Michael E.
- Oliver, Dominik. *See* Berkefeld, Henrike.
- Oliver, William D. *See* Valenzuela, Sergio O.
- Olivieri, Anna; Achilli, Alessandro; Pala, Maria; Battaglia, Vincenza; Fornarino, Simona; Al-Zahery, Nadia; Scozzari, Rosaria; Cruciani, Fulvio; Behar, Doron M.; Dugoujon, Jean-Michel; Coudray, Clotilde; Santachiara-Benerecetti, A. Silvana; Semino, Ornella; Bandelt, Hans-Jürgen; Torrioni, Antonio: The mtDNA legacy of the Levantine early Upper Palaeolithic in Africa. p1767 15 Dec 2006.
- Olshewski, Paula J. *See* Morse, Stephen S.
- Omenn, Gilbert S.: Grand challenges and great opportunities in science, technology, and public policy (association affairs). p1696 15 Dec 2006.
- Onishi, Toshikazu. *See* Fukui, Yasuo.
- Onstott, T. C. *See* Lin, Li-Hung.
- Onuma, H. *See* Amenomori, M.
- Opydyke, Bradley N. *See* Pelejero, Carles.
- O'Reilly, Randall C.: Biologically based computational models of high-level cognition. p91 6 Oct 2006.
- Oreskes, Naomi: review of *Bursting the Limits of Time*, by Martin J. S. Rudwick. p596 27 Oct 2006.
- Orford, K. J. *See* Aharonian, F.
- Orlando, Terry P. *See* Valenzuela, Sergio O.
- Osborn, David A. *See* Mathiason, Candace K.
- Osborne, David. *See* Pappasotiropoulos, Andreas.
- Osborne, J. L. *See* Aharonian, F.
- Osherenko, Gail; Young, Oran R.; Crowder, Larry B.; Wilson, James A.; Norse, Elliott A.: Property rights and ocean governance (letter). p593 27 Oct 2006.
- Ostro, S. J. *See* Scheeres, D. J.
- Ostro, Steven. J.; Margot, Jean-Luc; Benner, Lance A. M.; Giorgini, Jon D.; Scheeres, Daniel J.; Fahnestock, Eugene G.; Broschart, Stephen B.; Bellerose, Julie; Nolan, Michael C.; Magri, Christopher; Pravec, Petr; Scheirich, Petr; Rose, Randy; Jurgens, Raymond F.; De Jong, Eric M.; Suzuki, Shigeru: Radar imaging of binary near-Earth asteroid (66391) 1999 KW4. p1276 24 Nov 2006.
- Ota, Takayuki. *See* Gavin, Amanda L.
- Otipoby, Kevin L. *See* Mora, J. Rodrigo.
- Ottesen, Elizabeth A.; Hong, Jong Wook; Quake, Stephen R.; Leadbetter, Jared R.: Microfluidic digital PCR enables multigene analysis of individual environmental bacteria. p1464 1 Dec 2006.
- Ouchi, T. *See* Amenomori, M.
- Ouchrif, M. *See* Aharonian, F.
- Overbaugh, Julie. *See* Ahuja, Sunil K.
- Ozawa, S. *See* Amenomori, M.
- Ozouf, Jean-Claude. *See* Murton, Julian B.

## P, Q, and R

- Pääbo, Svante. *See* Noonan, James P. *See also* Prabhakar, Shyam.
- Pagani, Mark; Caldeira, Ken; Archer, David; Zachos, James C.: An ancient carbon mystery (perspective). p1556 8 Dec 2006.
- Pagano, Michele. *See* Dorrello, N. Valerio.
- Pagel, Mark; Venditti, Chris; Meade, Andrew: Large punctuational contribution of speciation to evolutionary divergence at the molecular level. p119 6 Oct 2006.
- Pala, Maria. *See* Olivieri, Anna.
- Pälke, Heiko; Norris, Richard D.; Herrle, Jens O.; Wilson, Paul A.; Coxall, Helen K.; Lear, Caroline H.; Shackleton, Nicholas J.; Tripathi, Aradhna K.; Wade, Bridget S.: The heartbeat of the oligocene climate system. p1894 22 Dec 2006.
- Pallant, Eric: Cooperating over water issues in the Middle East (letter). p251 13 Oct 2006.
- Palma, Russ. *See* Brownlee, Don. *See also* McKeegan, Kevin D.
- Palumbi, Stephen R. *See* Worm, Boris.
- Palumbo, Maria E. *See* Brownlee, Don. *See also* Keller, Lindsay P. *See also* Sandford, Scott A.
- Pang, Chi Pui. *See* DeWan, Andrew.
- Panter, M. *See* Aharonian, F.
- Pantin, Eric. *See* Lagage, Pierre-Olivier.
- Papadopoulos, Nickolas. *See* Sjöblom, Tobias.
- Papanastassiou, Dimitri A. *See* Brownlee, Don. *See also* Flynn, George J. *See also* McKeegan, Kevin D. *See also* Sandford, Scott A. *See also* Zolensky, Michael E.
- Papassotiropoulos, Andreas; Stephan, Dietrich A.; Huentelman, Matthew J.; Hoerndli, Frederic J.; Craig, David W.; Pearson, John V.; Huynh, Kim-Dung; Brunner, Fabienne; Corneveaux, Jason; Osborne, David; Wollmer, M. Axel; Aerni, Amanda; Coluccia, Daniel; Hänggi, Jürgen; Mondadori, Christian R. A.; Buchmann, Andreas; Reiman, Eric M.; Caselli, Richard J.; Henke, Katharina; de Quervain, Dominique J.-F.: Common *Kibra* alleles are associated with human memory performance. p475 20 Oct 2006.
- Paradise, Jordan. *See* Andrews, Lori.
- Park, Ben Ho. *See* Sjöblom, Tobias.
- Park, Byung Ouk. *See* Heo, Won Do.
- Park, Chan Young and Dolmetsch, Richard: The double life of a transcription factor takes it outside the nucleus (perspective). p64 6 Oct 2006.
- Park, Wei Sun. *See* Heo, Won Do.
- Parmigiani, Giovanni. *See* Sjöblom, Tobias.
- Parsons, D. Williams. *See* Sjöblom, Tobias.
- Partridge, Guthrie B.; Li, Wenhui; Kamar, Ramsey I.; Liao, Yean-an; Hulet, Randall G.: Response to comment on "Pairing and phase separation in a polarized Fermi gas" (technical comment). p54 6 Oct 2006. www.sciencemag.org/cgi/content/full/314/5796/54b.
- Pascual, Mercedes. *See* Koelle, Katia.
- Pascual-Leone, Alvaro. *See* Knoch, Daria.
- Pasotti, Jacopo (news): Ancient cataclysm marred the Med. p1527 8 Dec 2006.
- Passey, Benjamin H. *See* Sponheimer, Matt.
- Patel, Kush N. *See* McDearnon, Erin L.
- Patnaik, Padmaja. *See* Abu-Raddad, Laith J.
- Patterson, Randal L. *See* Caraveo, Gabriela.
- Paul, Surajit. *See* Bagchi, Joydeep.
- Pause, Arnim. *See* Sonenberg, Nahum.

- Pauza, C. David. *See* Ahuja, Sunil K.
- Pawlowska, Maria. *See* Hagadorn, James W.
- Pearse, John S.: Ecological role of purple sea urchins (perspective). p940 10 Nov 2006.
- Pearson, Erik. *See* Yang, Zhenglin.
- Pearson, John V. *See* Papassotiropoulos, Andreas.
- Pedulla, Marisa L. *See* Hanauer, David I.
- Peinado, Miguel A. *See* Wang, Ying.
- Pel, Jan-Willem. *See* Lagage, Pierre-Olivier.
- Pelejero, Carles; Calvo, Eva; McCulloch, Malcolm T.; Marshall, John F.; Gagan, Michael K.; Lough, Janice M.; Opydyke, Bradley N.: Response to comment on "Preindustrial to modern interdecadal variability in coral reef pH" (technical comment). p595 27 Oct 2006. [www.sciencemag.org/cgi/content/full/314/5799/595c](http://www.sciencemag.org/cgi/content/full/314/5799/595c).
- Pelletier, G. *See* Aharonian, F.
- Pendry, J. B. *See* Schurig, D.
- Pennisi, Elizabeth (news): Brain evolution on the far side. p244 13 Oct 2006. The dawn of stone age genomics. p1068 17 Nov 2006. Honey bee genome illuminates insect evolution and social behavior. p578 27 Oct 2006. On your mark. Get set. Sequence! p232 13 Oct 2006. Sea urchin genome confirms kinship to humans and other vertebrates. p908 10 Nov 2006. Two rapidly evolving genes spell trouble for hybrids. p1238 24 Nov 2006.
- Pepin, Robert O. *See* Brownlee, Don. *See also* McKeegan, Kevin D.
- Perepichka, Dmitrii F.: review of *Survival Skills for Scientists*, by Federico Rosei and Tudor Johnston. p1245 24 Nov 2006.
- Peretz, Mary. *See* Llano, Manuel.
- Pérez-Brocail, Vicente; Gil, Rosario; Ramos, Silvia; Lamelas, Araceli; Postigo, Marina; Michelena, José Manuel; Silva, Francisco J.; Moya, Andrés; Latorre, Amparo: A small microbial genome: the end of a long symbiotic relationship? p312 13 Oct 2006.
- Perfit, M. R. *See* Tolstoy, M.
- Perkins, David. *See* Brownlee, Don.
- Perronnet, Murielle. *See* Brownlee, Don.
- Perronnet, Murielle C. *See* Zolensky, Michael E.
- Perry, Dave. *See* DellaSala, Dominick A.
- Peschiaroli, Angelo. *See* Dorrello, N. Valerio.
- Peter, Thomas; Marcolli, Claudia; Spichtinger, Peter; Corti, Thierry; Baker, Marcia B.; Koop, Thomas: When dry air is too humid (perspective). p1399 1 Dec 2006.
- Peterson, Kevin J. *See* Bottjer, David J.
- Peterson, Rorik. *See* Murton, Julian B.
- Pfaff, A. *See* Ahmed, M. F.
- Pfingsten, Jennifer S.; Costantino, David A.; Kieft, Jeffrey S.: Structural basis for ribosome recruitment and manipulation by a viral IRES RNA. p1450 1 Dec 2006.
- Pfister, G. *See* Randerson, J. T.
- Philip, Mary. *See* Schietinger, Andrea.
- Phillipson, Louis H. *See* Chong, Anita S.
- Pianetta, P. *See* Brownlee, Don.
- Pianetta, Piero. *See* Flynn, George J.
- Piatak, Michael, Jr. *See* Hatzioannou, Theodora.
- Picard, Capucine. *See* Casrouge, Armanda.
- Pichler, T. *See* Ahmed, M. F.
- Pichlmair, Andreas; Schulz, Oliver; Tan, Choon Ping; Näslund, Tanja I.; Liljeström, Peter; Weber, Friedemann; Reis e Sousa, Caetano: RIG-I-mediated antiviral responses to single-stranded RNA bearing 5'-phosphates. p997 10 Nov 2006.
- Pierce, Aaron: review of *The Trouble with Physics*, by Lee Smolin. p597 27 Oct 2006.
- Pieters, Jean. *See* Floto, R. Andres.
- Pilgrim, J. D. *See* Brooks, T. M.
- Pines, Alexander. *See* Schröder, Leif.
- Pinte, Christophe. *See* Lagage, Pierre-Olivier.
- Pita, S. *See* Aharonian, F.
- Plancoulaine, Sabine. *See* Casrouge, Armanda.
- Platt, Darren. *See* Noonan, James P.
- Plez, B. *See* García-Hernández, D. A.
- Plourde, B. L. T. *See* Hime, T.
- Podsiadlowski, Philipp and Justham, Stephen: Big Bang points to stellar mix-up (perspective). p1551 8 Dec 2006.
- Poock, Hendrik. *See* Hornung, Veit.
- Poeschla, Eric M. *See* Llano, Manuel.
- Poinar, G. O., Jr. and Danforth, B. N.: A fossil bee from early Cretaceous Burmese amber. p614 27 Oct 2006.
- Pokrovsky, Vladimir. *See* Allakhverdov, Andrey.
- Polasky, Stephen. *See* Carpenter, Stephen R.
- Poletto, L. *See* Sansone, G.
- Poole, Aleksandra Jovanovic; Li, Ying; Kim, Yoon; Lin, Suh-Chin J.; Lee, Wen-Hwa; Lee, Eva Y.-H. P.: Prevention of *Brcal1*-mediated mammary tumorigenesis in mice by a progesterone antagonist. p1467 1 Dec 2006.
- Pornillos, Owen. *See* Chang, Geoffrey.
- Posiolova, Liliya V. *See* Malin, Michael C.
- Possenti, A. *See* Kramer, M.
- Postigo, Marina. *See* Pérez-Brocail, Vicente.
- Pounds, J. Alan; Carnavaal, Ana Carolina; Puschendorf, Robert; Haddad, Célio F. B.; Masters, Karen L.: Responding to amphibian loss (letter). p1541 8 Dec 2006.
- Pourquié, Olivier. *See* Dequéant, Mary-Lee.
- Powers, Jenny G. *See* Mathiason, Candace K.
- Prabhakar, Shyam; Noonan, James P.; Pääbo, Svante; Rubín, Edward M.: Accelerated evolution of conserved noncoding sequences in humans. p786 3 Nov 2006.
- Prakash, Arjun. *See* Yavuz, Cafer T.
- Prater, Craig. *See* Hansma, Paul K.
- Pratt, Lisa M. *See* Lin, Li-Hung.
- Pravec, P. *See* Scheeres, D. J.
- Pravec, Petr. *See* Ostro, Steven J.
- Princiotta, Michael. *See* Hatzioannou, Theodora.
- Pritchard, Jonathan K. *See* Noonan, James P.
- Provost, Ariel. *See* Schiano, Pierre.
- Ptak, Janine. *See* Sjöblom, Tobias.
- Puel, Anne. *See* Casrouge, Armanda.
- Pühlhofer, G. *See* Aharonian, F.
- Punch, M. *See* Aharonian, F.
- Punshon, Tracy. *See* Kim, Sun A.
- Purnell, Beverly A. *See* Jasny, Barbara R.
- Puschendorf, Robert. *See* Pounds, J. Alan.
- Pushkar, Yulia. *See* Yano, Junko.
- Pypaert, Marc. *See* Kim, Sangwon V.
- Qi, Pengfei. *See* Zhang, Guangyu.
- Qiu, Dongchuan. *See* Spear, R. C.
- Quake, Stephen R. *See* Ottesen, Elizabeth A.
- Raab-Graham, Kimberly F.; Haddick, Patrick C. G.; Jan, Yuh Nung; Jan, Lily Yeh: Activity- and mTOR-dependent suppression of Kv1.1 channel mRNA translation in dendrites. p144 6 Oct 2006.
- Rabb, George B. *See* Mendelson, Joseph R., III.
- Rabitz, Herschel: Strong-arming molecular dynamics (perspective). p264 13 Oct 2006.
- Raff, Elizabeth C. *See* Hagadorn, James W.
- Raff, Rudolf A. *See* Hagadorn, James W.
- Raichle, Marcus E.: The brain's dark energy (perspective). p1249 24 Nov 2006.
- Rajagopalan, Balaji. *See* Kumar, K. Krishna.
- Rajewsky, Klaus. *See* Mora, J. Rodrigo.
- Ramos, Silvia. *See* Pérez-Brocail, Vicente.
- Ranchon, S. *See* Aharonian, F.
- Randerson, J. T.; Liu, H.; Flanner, M. G.; Chambers, S. D.; Jin, Y.; Hess, P. G.; Pfister, G.; Mack, M. C.; Treseder, K. K.; Welp, L. R.; Chapin, F. S.; Harden, J. W.; Goulden, M. L.; Lyons, E.; Neff, J. C.; Schuur, E. A. G.; Zender, C. S.: The impact of boreal forest fire on climate warming. p1130 17 Nov 2006.
- Random Samples: Alpha paper producers. p901 10 Nov 2006. Another physics department down. p1363 1 Dec 2006. As Earth warms, Congress listens. p29 6 Oct 2006. Avoiding whale-ship hits. p1663 15 Dec 2006. Bell Labs building saved. p231 13 Oct 2006. A castle fit for a mathematician. p29 6 Oct 2006. Cloning thumbs-up in Oz. p1663 15 Dec 2006. Demise of a blimp. p735 3 Nov 2006. E-junk crisis mounts. p1519 8 Dec 2006. Elks on the lookout. p573 27 Oct 2006. Family resemblance. p573 27 Oct 2006. Fishy missing link? p1057 17 Nov 2006. From red to dead. p1845 22 Dec 2006. Galactic broadcasting. p231 13 Oct 2006. Getting Africa back to its roots. p901 10 Nov 2006. He said, she said. p1845 22 Dec 2006. Homage to washday. p1221 24 Nov 2006. Keeping book on baby. p1363 1 Dec 2006. The last of the Tasmanians. p1519 8 Dec 2006. Leaving behavior in the lurch. p735 3 Nov 2006. Mirror, mirror. p735 3 Nov 2006. Monkeys in the lab. p1845 22 Dec 2006. No nine lives for cat cloners. p395 20 Oct 2006. Oldest wall art yet found. p395 20 Oct 2006. Parasite favors boys? p395 20 Oct 2006. Pollinators encourage bilateralism. p231 13 Oct 2006. Polly pachyderm. p29 6 Oct 2006. Secondhand radiation? p29 6 Oct 2006. Silent flier. p1221 24 Nov 2006. Space show. p1057 17 Nov 2006. Steaming hot in the cold. p735 3 Nov 2006. Subterranean discovery. p395 20 Oct 2006. Tales from the outhouse. p1057 17 Nov 2006. The tastes of happiness? p1663 15 Dec 2006. Tongues on the brain. p901 10 Nov 2006. Typhoon hits rice center. p231 13 Oct 2006. Undercover frog. p1221 24 Nov 2006. Waltzing on the lawn. p1519 8 Dec 2006. The way the ball bounces. p573 27 Oct 2006. Well-wired whales. p1363 1 Dec 2006. Ranen, Michael C. and Jacobsen, Stein B.: Barium isotopes in chondritic meteorites: implications for planetary reservoir models. p809 3 Nov 2006. Ranta, Esa and Kaitala, Veijo: Comment on "Stability via asynchrony in *Drosophila* metapopulations with low migration rates" (technical comment). p420 20 Oct 2006. [www.sciencemag.org/cgi/content/full/314/5798/420a](http://www.sciencemag.org/cgi/content/full/314/5798/420a).
- Rao, William. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Zolensky, Michael E.
- Rasing, Theo. *See* van Hameren, Richard.
- Rast, Jonathan P.; Smith, L. Courtney; Loza-Coll, Mariano; Hibino, Taku; Litman, Gary W.: Genomic insights into the immune system of the sea urchin. p952 10 Nov 2006.
- Raubenheimer, B. C. *See* Aharonian, F.
- Raue, M. *See* Aharonian, F.
- Ray, Isha. *See* Kallis, Giorgos.
- Ray, L. Bryan. *See* Gough, Nancy R.
- Ray, R. D. *See* Luthcke, S. B.
- Rayner, S. M. *See* Aharonian, F.
- Rebassa-Mansergas, A. *See* Gänsicke, B. T.
- Regan, Kevin M. *See* Huang, Haojie.
- Regueiro, Miguel. *See* Duerr, Richard H.
- Reichardt, P. A. *See* Hime, T.
- Reid, Walter V. *See* Carpenter, Stephen R.
- Reiman, Eric M. *See* Papassotiropoulos, Andreas.
- Reimer, A. *See* Aharonian, F.
- Reinker, Stefan. *See* Sick, Stefanie.
- Reis e Sousa, Caetano. *See* Pichlmair, Andreas.
- Reisch, Chris R. *See* Howard, Erin C.
- Reisinger, Ellen. *See* Berkefeld, Henrike.
- Remais, Justin. *See* Spear, R. C.
- Ren, J. R. *See* Amenomori, M.
- Renaud, Olivier. *See* Bökel, Christian.
- Rennie, Stuart. *See* Mills, Edward.
- Represa, Alfonso. *See* Tyzio, Roman.
- Restifo, Nicholas P. *See* Morgan, Richard A.
- Revyakin, Andrey; Liu, Chenyu; Ebricht, Richard H.; Strick, Terence R.: Abortive initiation and productive initiation by RNA polymerase involve DNA scrunching. p1139 17 Nov 2006.
- Reyes, Christopher L. *See* Chang, Geoffrey.
- Reynolds, J. E. *See* Kramer, M.

- Ricciardi, Anthony: How protected are coral reefs? (letter). p757 3 Nov 2006.
- Ricciardi-Castagnoli, Paola. *See* Mora, J. Rodrigo.
- Rice, Maurice: Superconductivity with a twist (perspective). p1248 24 Nov 2006.
- Richardson, L. Jeremy. *See* Harrington, Joseph.
- Richman, Douglas D. *See* Ahuja, Sunil K.
- Richmond, Timothy A. *See* Hummon, Amanda B.
- Richter, Ralf P. *See* Frey, Steffen.
- Riekel, Christian. *See* Flynn, George J.
- Rietmeijer, Frans J. M. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Zolensky, Michael E.
- Rioux, John D. *See* Duerr, Richard H.
- Ripken, J. *See* Aharonian, F.
- Risdiana. *See* Tanaka, Kiyohisa.
- Rittger, Andrea. *See* Willem, Michael.
- Rob, L. *See* Aharonian, F.
- Roberson, Erik D. and Mucke, Lennart: 100 years and counting: prospects for defeating Alzheimer's disease. p781 3 Nov 2006.
- Robert, François. *See* Brownlee, Don. *See also* McKeegan, Kevin D. *See also* Sandford, Scott A. *See also* Zolensky, Michael E.
- Roberts, George Gordon: On the lack of women in academic science (letter). p592 27 Oct 2006.
- Roberts, Jane: Preventing HIV/AIDS in adolescents (letter). p52 6 Oct 2006.
- Roberts, Jeffrey W.: RNA polymerase, a scrunching machine (perspective). p1097 17 Nov 2006.
- Roberts, Les. *See* Burnham, Gilbert.
- Robertson, Hugh M. *See* Wang, Ying.
- Robertson, T. L. *See* Hime, T.
- Robinson, Gene E. *See* Hummon, Amanda B. *See also* Wang, Ying.
- Rodrigues, A. S. L. *See* Brooks, T. M.
- Rodríguez-Tejreiro, José Domingo. *See* Bermejo, Magdalena.
- Rodríguez-Zas, Sandra L. *See* Hummon, Amanda B.
- Rogaev, Evgeny I. *See* Kazantseva, Anastasiya.
- Rogers, John A. *See* Ahn, Jong-Hyun.
- Rogers-Freerzer, Linda J. *See* Morgan, Richard A.
- Rohde, Volker. *See* Berkefeld, Henrike.
- Rohr, Jennifer. *See* Ibrahim, Fadia.
- Roldan, Eduardo R. S. *See* Góndomo, Montserrat.
- Rolland, L. *See* Aharonian, F.
- Rollo, Audrey. *See* Mora, Camilo.
- Roopnarine, Peter D.; Angielczyk, Kenneth D.; Hertog, Rachel: Comment on "Statistical independence of escalatory ecological trends in Phanerozoic marine invertebrates" (technical comment). p925 10 Nov 2006. [www.sciencemag.org/cgi/content/full/314/5801/925d](http://www.sciencemag.org/cgi/content/full/314/5801/925d).
- Roperch, P. *See* Sempere, T.
- Rose, R. *See* Scheeres, D. J.
- Rose, Randy. *See* Ostro, Steven J.
- Rosenberg, Steven A. *See* Morgan, Richard A.
- Rosier-Lees, S. *See* Aharonian, F.
- Ross-Ibarra, Jeffrey. *See* Wares, John P.
- Rost, D. *See* Brownlee, Don.
- Rost, Detlef. *See* Flynn, George J.
- Roth, Adam. *See* Sudarsan, Narasimhan.
- Roth, Christopher B. *See* Chang, Geoffrey.
- Rotter, Jerome I. *See* Duerr, Richard H.
- Rotundi, Alessandra. *See* Brownlee, Don. *See also* Keller, Lindsay P. *See also* Sandford, Scott A.
- Rouault, Tracey A.: If the RNA fits, use it (perspective). p1886 22 Dec 2006.
- Roumagnac, Philippe; Weill, François-Xavier; Dolecek, Christiane; Baker, Stephen; Brisse, Sylvain; Chinh, Nguyen Tran; Hong Le, Thi Anh; Acosta, Camilo J.; Farrar, Jeremy; Dougan, Gordon; Achtman, Mark: Evolutionary history of *Salmonella* Typhi. p1301 24 Nov 2006.
- Rowan, Alan E. *See* van Hameren, Richard.
- Rowan, Andrew N.: Animal activism and intimidation of scientists (letter). p923 10 Nov 2006.
- Rowell, G. *See* Aharonian, F.
- Rowlands, D. D. *See* Luthcke, S. B.
- Roy, Kaustuv. *See* Jablonski, David.
- Royal, Richard E. *See* Morgan, Richard A.
- Royo-Torres, Rafael; Cobos, Alberto; Alcalá, Luis: A giant European dinosaur and a new sauropod clade. p1925 22 Dec 2006.
- Rozen, Daniel E. *See* Schaap, Pauline.
- Rozenberg, Flore. *See* Casrouge, Armanda.
- Rubin, Edward M. *See* Noonan, James P. *See also* Prabhakar, Shyam.
- Rubin, K. H. *See* Tolstoy, M.
- Ruhlen, Rachel L.: What happens to the whistle-blowers? (letter). p251 13 Oct 2006.
- Rumble, Douglas. *See* Lin, Li-Hung.
- Russell, Hugh A. *See* Sugden, Andrew M.
- Russell, Thomas P. *See* Balazs, Anna C.
- Ryan, Robert. *See* Brownlee, Don.

## S

- Saag, Michael S. *See* Ahuja, Sunil K.
- Saecker, Ruth M. *See* Wassarman, Karen M.
- Saeij, J. P. J.; Boyle, J. P.; Coller, S.; Taylor, S.; Sibley, L. D.; Brooke-Powell, E. T.; Ajioka, J. W.; Boothroyd, J. C.: Polymorphic secreted kinases are key virulence factors in toxoplasmosis. p1780 15 Dec 2006.
- Saeki, Akinori. *See* Yamamoto, Yohei.
- Saenger, Wolfram. *See* Yano, Junko.
- Saenz, Dyana T. *See* Llano, Manuel.
- Saftig, Paul. *See* Willem, Michael.
- Sahakian, V. *See* Aharonian, F.
- Sailer, Claudia A. *See* Berkefeld, Henrike.
- Saito, T. *See* Amenomori, M.
- Saito, T. Y. *See* Amenomori, M.
- Sakano, Hitoshi. *See* Imai, Takeshi.
- Sakata, M. *See* Amenomori, M.
- Sako, T. K. *See* Amenomori, M.
- Sala, Enric. *See* Worm, Boris.
- Salge, J. R.; Dreyer, B. J.; Dauenhauer, P. J.; Schmidt, L. D.: Renewable hydrogen from nonvolatile fuels by reactive flash volatilization. p801 3 Nov 2006.
- Saltikov, C. *See* Ahmed, M. F.
- Samantha, Manoj P.; Tongprasit, Waraporn; Istrail, Sorin; Cameron, R. Andrew; Tu, Qiang; Davidson, Eric H.; Stole, Victor: The transcriptome of the sea urchin embryo p960 10 Nov 2006.
- Sampathu, Deepak M. *See* Neumann, Manuela.
- San Juan, Ronan R. *See* Welch, Gregory C.
- Sanchez-Alavez, Manuel. *See* Conti, Bruno.
- Sandford, Scott A. *See* Brownlee, Don. *See also* Keller, Lindsay P.
- Sandford, Scott A.; Aléon, Jérôme; Alexander, Conel M. O'D.; Araki, Tohru; Bajt, Sasa; Baratta, Giuseppe A.; Borg, Janet; Bradley, John P.; Brownlee, Donald E.; Brucato, John R.; Burchell, Mark J.; Busemann, Henner; Butterworth, Anna; Clemett, Simon J.; Cody, George; Colangeli, Luigi; Cooper, George; D'Hendecourt, Louis; Djouadi, Zahia; Dworkin, Jason P.; Ferrini, Gianluca; Fleckenstein, Holger; Flynn, George J.; Franchi, Ian A.; Fries, Marc; Gilles, Mary K.; Glavin, Daniel P.; Gounelle, Matthieu; Grossemy, Faustine; Jacobsen, Chris; Keller, Lindsay P.; Kilcoyne, A. L. David; Leitner, Jan; Matrajt, Graciela; Meibom, Anders; Mennella, Vito; Mostefaoui, Smail; Nittler, Larry R.; Palumbo, Maria E.; Papanastassiou, Dimitri A.; Robert, François; Rotundi, Alessandra; Snead, Christopher J.; Spencer, Maegan K.; Stadermann, Frank J.; Steele, Andrew; Stephan, Thomas; Tsou, Peter; Tyliczszak, Tolek; Westphal, Andrew J.; Wirick, Sue; Wopenka, Brigitte; Yabuta, Hikaru; Zare, Richard N.; Zolensky, Michael E.: Organics captured from comet 81P/Wild 2 by the Stardust spacecraft. p1720 15 Dec 2006.
- Sansone, G.; Benedetti, E.; Calegari, F.; Vozzi, C.; Avaldi, G.; Flammini, R.; Poletto, L.; Villorosi, P.; Altucci, C.; Velotta, R.; Stagira, S.; De Silvestri, S.; Nisoli, M.: Isolated single-cycle attosecond pulses. p443 20 Oct 2006.
- Santachiara-Benerecetti, A. Silvana. *See* Olivieri, Anna.
- Santangelo, A. *See* Aharonian, F.
- Saper, Clifford B.: Life, the universe, and body temperature (perspective). p773 3 Nov 2006.
- Sarkissian, J. M. *See* Kramer, M.
- Sasakawa, Chihiro. *See* Yoshida, Sei.
- Sasaki, T. *See* Amenomori, M.
- Sasaki, Yuka. *See* Tsushima, Yoshiaki.
- Sattentau, Quentin. *See* Ahuja, Sunil K.
- Satterfield, K. *See* Ackley, A. G.
- Sauer, Kenneth. *See* Yano, Junko.
- Saugé, L. *See* Aharonian, F.
- Savage, J. R.; Blair, D. W.; Levine, A. J.; Guyer, R. A.; Dinsmore, A. D.: Imaging the sublimation dynamics of colloidal crystallites. p795 3 Nov 2006.
- Scalapino, D. J. *See* Tanaka, Kiyohisa.
- Schaap, Pauline; Winckler, Thomas; Nelson, Michaela; Alvarez-Curto, Elisa; Elgie, Barrie; Hagiwara, Hiromitsu; Cavender, James; Milano-Curto, Alicia; Rozen, Daniel E.; Dingermann, Theodor; Mutzel, Rupert; Baldauf, Sandra L.: Molecular phylogeny and evolution of morphology in the social amoebas. p661 27 Oct 2006.
- Scharf, Caleb A.: review of *Planet Formation*, by Hubert Klahr and Wolfgang Brandner, Eds. p255 13 Oct 2006.
- Scheeres, D. J.; Fahnestock, E. G.; Ostro, S. J.; Margot, J.-L.; Benner, L. A. M.; Broschart, S. B.; Bellerose, J.; Giorgini, J. D.; Nolan, M. C.; Magri, C.; Pravec, P.; Scheirich, P.; Rose, R.; Jurgens, R. F.; De Jong, E. M.; Suzuki, S.: Dynamical configuration of binary near-Earth asteroid (66391) 1999 KW4. p1280 24 Nov 2006.
- Scheeres, Daniel J. *See* Ostro, Steven J.
- Scheirich, P. *See* Scheeres, D. J.
- Scheirich, Petr. *See* Ostro, Steven J.
- Schiano, Pierre; Provost, Ariel; Clocchiatti, Roberto; Faure, François: Transcrystalline melt migration and Earth's mantle. p970 10 Nov 2006.
- Schietinger, Andrea; Philip, Mary; Yoshida, Barbara A.; Azadi, Parastoo; Liu, Hui; Meredith, Stephen C.; Schreiber, Hans: A mutant chaperone converts a wild-type protein into a tumor-specific antigen. p304 13 Oct 2006.
- Schilling, Govert (news): Speedy planets near galactic center show sun's region is no fluke. p36 6 Oct 2006.
- Schitter, Georg. *See* Hansma, Paul K.
- Schlake, Thomas. *See* Sick, Stefanie.
- Schlee, Martin. *See* Horning, Veit.
- Schlenker, S. *See* Aharonian, F.
- Schlesinger, William H.: Carbon trading (editorial). p1217 24 Nov 2006.
- Schlickeiser, R. *See* Aharonian, F.
- Schlutter, Dennis. *See* Brownlee, Don. *See also* McKeegan, Kevin D.
- Schmidt, L. D. *See* Salge, J. R.
- Schoch, Robert M.: The dangers of pyramid-mania (letter). p925 10 Nov 2006.
- Schoener, Thomas W. *See* Losos, Jonathan B.
- Schoennagel, Tania. *See* DellaSala, Dominick A.
- Scholes, Robert J. *See* Carpenter, Stephen R.
- Schön, Peter. *See* van Hameren, Richard.
- Schoofs, Liliane. *See* Hummon, Amanda B.
- Schook, Andrew C. *See* McDearmon, Erin L.
- Schooley, Robert T. *See* Ahuja, Sunil K.
- Schouten, S. *See* Smittenberg, R. H.
- Schreiber, Hans. *See* Schietinger, Andrea.
- Schröder, Leif; Lowery, Thomas J.; Hilty, Christian; Wemmer, David E.; Pines, Alexander: Molecular imaging using a targeted magnetic resonance hyperpolarized biosensor. p446 20 Oct 2006.
- Schröder, R. *See* Aharonian, F.
- Schuck, Theresa. *See* Neumann, Manuela.
- Schulte, Uwe. *See* Berkefeld, Henrike.

Schulz, Benjamin L. *See* Kowarik, Michael.  
Schulz, Oliver. *See* Pichlmair, Andreas.  
Schumm, L. Philip. *See* Duerr, Richard H.  
Schurig, D.; Mock, J. J.; Justice, B. J.; Cummer, S. A.; Pendry, J. B.; Starr, A. F.; Smith, D. R.: Metamaterial electromagnetic cloak at microwave frequencies. p977 10 Nov 2006.

Schuur, E. A. G. *See* Randerson, J. T.  
Schwabedissen, Anja. *See* Bökel, Christian.  
Schwandt, Craig S. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Hörz, Friedrich.  
Schwanke, U. *See* Aharonian, F.  
Schwarzburg, S. *See* Aharonian, F.  
Schwemmer, S. *See* Aharonian, F.

ScienceScope: Agape over rules. p1065 17 Nov 2006.  
All bent out of shape at *Topology*. p739 3 Nov 2006. ... And sought. p35 6 Oct 2006. Animal eggsploitation. p907 10 Nov 2006. Assessing the assessment. p1229 24 Nov 2006. Back to school. p739 3 Nov 2006. Biolab set to open. p235 13 Oct 2006. Biosafety lab delayed. p401 20 Oct 2006. Biotech on the Cape. p1525 8 Dec 2006. Blocked cancer study published. p579 27 Oct 2006. Canada tackles chemicals. p1859 22 Dec 2006. Cell scanning and shuffleboard. p1227 24 Nov 2006. Cell work halted .... p35 6 Oct 2006. China seeks academic partners. p1859 22 Dec 2006. Chinese flu goes west. p1065 17 Nov 2006. Chinese genomicists target cancer. p577 27 Oct 2006. Cloning ban imperiled. p1229 24 Nov 2006. Controversy on the brain. p1227 24 Nov 2006. Crawford pleads guilty. p401 20 Oct 2006. A crewed idea. p1065 17 Nov 2006. Dawkins versus the gods. p1369 1 Dec 2006. Dem union blues. p909 10 Nov 2006. Don't catch some rays. p577 27 Oct 2006. EPA, Berkeley think small. p1371 1 Dec 2006. French vote with their euros. p1669 15 Dec 2006. Getting the lead out. p1671 15 Dec 2006. Gravity research pulled together. p33 6 Oct 2006. Greenpeace 1, patenting cells 0. p1669 15 Dec 2006. Growing minds in the desert. p1525 8 Dec 2006. Hope for German GM crops. p1369 1 Dec 2006. In the crosshairs: pork. p33 6 Oct 2006. Investigating the investigators. p739 3 Nov 2006. Jockeying planetary missions. p741 3 Nov 2006. Mars (sand) bars. p33 6 Oct 2006. Missing: climate data. p907 10 Nov 2006. My, how that sun shines. p1527 8 Dec 2006. New controls on North Korea. p399 20 Oct 2006. New top quarks at Fermilab. p909 10 Nov 2006. Onward, uncreatively named telescopes. p1671 15 Dec 2006. Party animals. p1369 1 Dec 2006. Pass the hat for alien-hunting. p401 20 Oct 2006. Private + public = progress. p235 13 Oct 2006. Progress for bioethics rules. p1527 8 Dec 2006. Prospecting on the moon. p1525 8 Dec 2006. Rice krispies. p741 3 Nov 2006. Share and share alike. p909 10 Nov 2006. A shot in the arm for biodefense. p1671 15 Dec 2006. Show us the money. p235 13 Oct 2006. Sicily center iced. p577 27 Oct 2006. Sought: reruns of *The Office*. p1229 24 Nov 2006. South Korean flu mystery. p1371 1 Dec 2006. South Pole death probed. p1861 22 Dec 2006. Taking a shot at flu. p579 27 Oct 2006. Targeting tropical diseases. p1859 22 Dec 2006. They're resolute on institute. p399 20 Oct 2006.

Sozzari, Rosaria. *See* Olivieri, Anna.

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Richard O.; Klein, William H.; Marzluff, William; McClay, David R.; Morris, Robert L.; Mushegian, Arcady; Rast, Jonathan P.; Sodergren, Erica; Smith, L. Courtney; Thorndyke, Michael C.; Vacquier, Victor D.; Weinstock, George M.; Wessel, Gary M.; Wray, Greg; Zhang, Lan  
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**Cellular defense:** Hamdoun, Amro; Goldstone, Jared V.; Adams, Nikki; Cole, Bryan; Dean, Micheal; Epel, David; Gold, Bert; Hahn, Mark E.; Howard-Ashby, Meredith; Scally, Mark; Stegeman, John J.  
**Ciliogenesis and ciliary compounds:** Morris, Robert L.; Allgood, Erin L.; Cool, Jonah; Judkins, Kyle M.; McCafferty, Shawn S.; Musante, Ashlan M.; Obar, Robert A.; Rawson, Amanda P.; Rossetti, Blair J.  
**Cytoskeletal and organelle genes:** Burgess, David R.; Allgood, Erin L.; Cool, Jonah; Gibbons, Ian R.; Hoffman, Matthew P.; Judkins, Kyle M.; Leone, Andrew; McCafferty, Shawn S.; Morris, Robert L.; Musante, Ashlan M.; Obar, Robert A.; Rawson, Amanda P.; Rossetti, Blair J.; Wessel, Gary M.  
**Embryonic transcriptome:** Davidson, Eric H.; Cameron, R. Andrew; Istrail, Sorin; Materna, Stefan C.; Samanta, Manoj P.; Stolc, Viktor; Tongprasit, Waraporn; Tu, Qiang  
**Embryonic temporal expression pattern list:** Angerer, Robert C.; Angerer, Lynne M.; Wei, Zheng  
**Echinoderm adhesome:** Hynes, Richard O.; Bergeron, Karl-Frederik; Brandhorst, Bruce P.; Burke, Robert D.; Whittaker, Charles A.; Whittle, James  
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**Human genetic disease orthologs:** Dean, Michael; Hamdoun, Amro; The Sea Urchin Genome Sequencing Consortium  
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Hibino, Taku; Loza-Coll, Mariano; Majeske, Audrey J.; Messier, Cynthia; Nair, Sham V.; Pancer, Zeev; Terwilliger, David P.  
**Neurobiology and sensory systems:** Burke, Robert D.; Elphick, Maurice R.; Klein, William H.; Thorndyke, Michael C.; Agca, Cavit; Angerer, Lynne M.; Arboleda, Enrique; Arnone, Maria Ina; Brandhorst, Bruce P.; Chen, Nansheng; Churcher, Allison M.; Hallböök, F.; Humphrey, Glen W.; Hynes, Richard O.; Idris, Mohammed M.; Kiyama, Takea; Liang, Shuguang; Mellott, Dan; Mu, Xiuqian; Murray, Greg; Olinski, Robert P.; Raible, Florian; Rowe, Matthew; Taylor, John S.; Tessmar-Raible, Kristin; Wang, D.; Wilson, Karen H.; Yaguchi, Shunsuke  
**Reproduction:** Foltz, Kathy R.; Vacquier, Victor D.; Wessel, Gary M.; Gaasterland, Terry; Galindo, Blanca E.; Gunaratne, Herath J.; Howard-Ashby, Meredith; Humphrey, Glen W.; Juliano, Celina; Kinukawa, Masashi; Moy, Gary W.; Neill, Anna T.; Nomura, Mamoru; Raisch, Michael; Reade, Anna; Roux, Michelle M.; Song, Jia L.; Su, Yi-Hsien; Townley, Ian K.; Voronina, Ekaterina; Wong, Julian L.  
**Sea Urchin Genome Annotation Workshop in Naples:** Arnone, Maria Ina; Thorndyke, Michael C.; Amore, Gabriele; Angerer, Lynne M.; Arboleda, Enrique; Branno, Margherita; Brown, Euan R.; Cavalieri, Vincenzo; Duboc, Véronique; Duloquin, Louise; Elphick, Maurice R.; Flytzanis, Constantin; Gache, Christian; Genevière, Anne-Marie; Idris, Mohammed M.; Lapraz, François; Lepage, Thierry; Locascio, Annamaria; Martinez, Pedro; Mattassi, Giorgio; Matranga, Valeria; McClay, David R.; Morales, Julia; Poustka, Albert J.; Raible, Florian; Range, Ryan; Rizzo, Francesca; Röttinger, Eric; Rowe, Matthew; Tessmar-Raible, Kristin; Sodergren, Erica; Weinstock, George M.; Wilson, Karen  
**Signal transduction:** McClay, David R.; Angerer, Lynne M.; Arnone, Maria Ina; Beane, Wendy; Bradham, Cynthia; Byrum, Christine; Croce, Jennifer; Duboc, Veronique; Duloquin, Louise; Gache, Christian; Genevière, Anne-Marie; Glenn, Tom; Hibino, Taku; Hussain, Sofia; Lapraz, François; Lepage, Thierry; Livingston, Brian T.; Loza, Mariano; Manning, Gerard; Miranda, Esther; Range, Ryan; Rizzo, Francesca; Röttinger, Eric; Thomason, Rebecca; Walton, Katherine; Wei, Zheng; Wessel, Gary M.; Wikramanayke, Athula; Wilson, Karen H.; Whittaker, Charles; Wu, Shu-Yu; Xu, Ronghui  
**Transcription regulatory factors:** Davidson, Eric H.; Arnone, Maria Ina; Branno, Margherita; Brown, C. Titus; Cameron, R. Andrew; Chen, Lili; Gray, Rachel F.; Howard-Ashby, Meredith; Istrail, Sorin; Lee, Pei Yun; Locascio, Annamaria; Martinez, Pedro; Materna, Stefan C.; Nam, Jongmin; Oliveri, Paola; Rizzo, Francesca; Smith, Joel  
**DNA sequencing:** Muzny, Donna; Sodergren, Erica; Gibbs, Richard A.; Weinstock, George M.; Bell, Stephanie; Chacko, Joseph; Cree, Andrew; Curry, Stacey; Davis, Clay; Dinh, Huyen; Dugan-Rocha, Shannon; Fowler, Jerry; Gill, Rachel; Hamilton, Cerrissa; Hernandez, Judith; Hines, Sandra; Hume, Jennifer; Jackson, LaRonda; Jolivet, Angela; Kovar, Christie; Lee, Sandra; Lewis, Lora; Miner, George; Morgan, Margaret; Nazareth, Lynne V.; Okwuonu, Geoffrey; Parker, David; Pu, Ling-Ling; Shen, Yufeng; Thorn, Rachel; Wright, Rita: The genome of the sea urchin *Strongylocentrotus purpuratus*. p941 10 Nov 2006.  
Seager, Sara. *See* Harrington, Joseph.  
*See*, Thomas H. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Hörz, Friedrich. *See also* Zolensky, Michael E.  
Seelig, Davis M. *See* Mathiason, Candace K.  
Seelig, George; Soloveichik, David; Zhang, David Yu; Winfree, Erik: Enzyme-free nucleic acid logic circuits. p1585 8 Dec 2006.



- Seeman, Nadrian C. *See* Ding, Baoquan.
- Segawa, Yasutomo; Yamashita, Makoto; Nozaki, Kyoko: Boryllithium: isolation, characterization, and reactivity as a boryl anion. p113 6 Oct 2006.
- Seki, Shu. *See* Yamamoto, Yohei.
- Selezneva, Anna I. *See* Walden, William E.
- Selgrade, Maryjane: A problem with mentoring (letter). p252 13 Oct 2006.
- Selkoe, Kimberley A. *See* Worm, Boris.
- Semino, Ornella. *See* Olivieri, Anna.
- Sempere, T.; Hartley, A.; Roperch, P.: Comment on "Rapid uplift of the Altiplano revealed through <sup>13</sup>C-<sup>18</sup>O bonds in paleosol carbonates" (technical comment). p760 3 Nov 2006. www.sciencemag.org/cgi/content/full/314/5800/760b.
- Sénéchal, Brigitte. *See* Casrouge, Armanda.
- Sengupta, D. *See* Goswami, B. N.
- Senman, Balimkiz. *See* Mora, J. Rodrigo.
- Service, Robert F. (news): Cut-and-copy approach clones nanotubes. p46 6 Oct 2006. Electronic nuisance changes its ways. p1065 17 Nov 2006. Is the terabit within reach? p1868 22 Dec 2006. The next big hurdle: economics. p1075 17 Nov 2006. Power to the (poor) people. p46 6 Oct 2006. Priorities needed for nano-risk research and development. p45 6 Oct 2006. Snapshots from the meeting. p47 6 Oct 2006. Solo winner detailed path from DNA to RNA. p236 13 Oct 2006.
- Sessa, Jocelyn A. *See* Gibbs, Samantha J.
- Seto, Edmund. *See* Spear, R. C.
- Shabalina, S. A. *See* Nackley, A. G.
- Shackleton, Nicholas J. *See* Pälike, Heiko.
- Shadbolt, Nigel. *See* Berners-Lee, Tim.
- Shah, Pranav R. *See* Zaiss, Dietmar M.
- Shalchi, A. *See* Aharonian, F.
- Shank, T. M. *See* Tolstoy, M.
- Shapiro, Arthur M. *See* Gompert, Zachariah.
- Sharma, Mukul. *See* Andreasen, Rasmus.
- Shattock, Robin. *See* Ahuja, Sunil K.
- Shaw, George M. *See* Ahuja, Sunil K.
- Sheffield-Parker, J. *See* Brownlee, Don.
- Sheffield-Parker, Julie. *See* Flynn, George J.
- Shen, Jikun. *See* Chong, Anita S.
- Shen, Z.-X. *See* Tanaka, Kiyohisa.
- Sheng, Yongwei. *See* MacDonald, Glen M.
- Sheppard, Walter S. *See* Whitfield, Charles W.
- Sherman, Nicholas E. *See* Dorrello, N. Valerio.
- Shermer, Michael: review of *Imaginary Weapons*, by Sharon Weinberger. p1684 15 Dec 2006.
- Sherry, Richard M. *See* Morgan, Richard A.
- Shibata, M. *See* Amenomori, M.
- Shin, Dongwoo; Lee, Eun-Jin; Huang, Henry; Groisman, Eduardo A.: A positive feedback loop promotes transcription surge that jump-starts *Salmonella* virulence circuit. p1607 8 Dec 2006.
- Shiomi, A. *See* Amenomori, M.
- Shiple, Bill; Vile, Denis; Garnier, Éric: From plant traits to plant communities: a statistical mechanistic approach to biodiversity. p812 3 Nov 2006.
- Shirai, T. *See* Amenomori, M.
- Shirane, Michiko and Nakayama, Keiichi I.: Protrudin induces neurite formation by directional membrane trafficking. p818 3 Nov 2006.
- Shridhar, Viji. *See* Yang, Zhenglin.
- Shu, Jinfu. *See* Mao, Wendy L.
- Siao, Chia-Jen. *See* Chen, Zhe-Yu.
- Sibert, John; Hampton, John; Kleiber, Pierre; Maunder, Mark: Biomass, size, and trophic status of top predators in the Pacific Ocean. p1773 15 Dec 2006.
- Sibley, L. D. *See* Saeij, J. P. J. *See also* Taylor, S.
- Sick, Stefanie; Reinker, Stefan; Timmer, Jens; Schlake, Thomas: WNT and DKK determine hair follicle spacing through a reaction-diffusion mechanism. p1447 1 Dec 2006.
- Siegfried, Nandi. *See* Galatowitsch, Paul.
- Siegfried, Tom (news): Burst-hunter's rich data harvest yields a cosmic enigma. p1376 1 Dec 2006.
- Early look at exploding supernova spotlights deadly stellar tango. p411 20 Oct 2006.
- Snapshots from the meeting. p411 20 Oct 2006.
- Sigurdson, Christina J. *See* Mathiason, Candace K.
- Silliman, Natalie. *See* Sjöblom, Tobias.
- Silva, Francisco J. *See* Pérez-Brocal, Vicente.
- Silverberg, Mark S. *See* Duerr, Richard H.
- Simonovici, Alexandre. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Zolensky, Michael E.
- Simmons, Stuart F. and Brown, Kevin L.: Gold in magmatic hydrothermal solutions and the rapid formation of a giant ore deposit. p288 13 Oct 2006.
- Simó, Rafel. *See* Vila-Costa, Maria.
- Simon, Steven. *See* Brownlee, Don.
- Simon, Steven B. *See* Zolensky, Michael E.
- Sinclair, Anthony R. E. *See* Hilborn, Ray.
- Singer, Maxine: Beyond bias and barriers (editorial). p893 10 Nov 2006.
- Singh, Mahavir. *See* Floto, R. Andres.
- Sinninghe Damsté, J. S. *See* Smittenberg, R. H.
- Sitnitsky, I. *See* Brownlee, Don.
- Sitnitsky, Ilona. *See* Flynn, George J.
- Sjöblom, Tobias; Jones, Siân; Wood, Laura D.; Parsons, D. Williams; Lin, Jimmy; Barber, Thomas D.; Mandelker, Diana; Leary, Rebecca J.; Ptak, Janine; Silliman, Natalie; Szabo, Steve; Buckhaults, Phillip; Farrell, Christopher; Meeh, Paul; Markowitz, Sanford D.; Willis, Joseph; Dawson, Dawn; Willson, James K. V.; Gazdar, Adi F.; Hartigan, James; Wu, Leo; Liu, Changsheng; Parmigiani, Giovanni; Park, Ben Ho; Bachman, Kurtis E.; Papadopoulos, Nickolas; Vogelstein, Bert; Kinzler, Kenneth W.; Velculescu, Victor E.: The consensus coding sequences of human breast and colorectal cancers. p268 13 Oct 2006.
- Skirbekk, Vegard. *See* Lutz, Wolfgang.
- Slessareva, Janna E. and Dohlman, Henrik G.: G protein signaling in yeast: new components, new connections, new compartments (perspective). p1412 1 Dec 2006.
- Slezak, Doris. *See* Vila-Costa, Maria.
- Smith, Andrew and Gerstein, Mark: Data mining on the Web (letter). p1682 15 Dec 2006.
- Smith, D. R. *See* Schurig, D.
- Smith, Deborah R. *See* Whitfield, Charles W.
- Smith, Doug. *See* Noonan, James P.
- Smith, Felisa A.: On the lack of women in academic science (letter). p592 27 Oct 2006.
- Smith, Kenneth G. C. *See* Floto, R. Andres.
- Smith, L. Courtney. *See* Rast, Jonathan P.
- Smith, Laurence C. *See* MacDonald, Glen M.
- Smittenberg, R. H.; Eglinton, T. I.; Schouten, S.; Sinninghe Damsté, J. S.: Ongoing buildup of refractory organic carbon in boreal soils during the Holocene. p1283 24 Nov 2006.
- Snead, Christopher. *See* Hörz, Friedrich. *See also* Keller, Lindsay P.
- Snead, Christopher J. *See* Brownlee, Don. *See also* Flynn, George J. *See also* McKeegan, Kevin D. *See also* Sandford, Scott A. *See also* Zolensky, Michael E.
- Snyder, Michael. *See* DeWan, Andrew.
- Snyder, Solomon H. *See* Caraveo, Gabriela.
- Sol, H. *See* Aharonian, F.
- Soler, Ana J. *See* Gomendio, Montserrat.
- Soloveichik, David. *See* Seelig, Georg.
- Somers, Benjamin: AAAS, NASA team up on solar system book (AAAS News & Notes). p1257 24 Nov 2006.
- Sonenberg, Nahum and Pause, Arnim: Protein synthesis and oncogenesis meet again (perspective). p428 20 Oct 2006.
- Song, Eun J. *See* McDearmon, Erin L.
- Song, Si-Young. *See* Mora, J. Rodrigo.
- Soper, Steven A. *See* Dovichi, Norman J.
- Sorensen, Martin Vinther. *See* Glenner, Henrik.
- Sotka, Erik E. *See* Wares, John P.
- Soule, S. A. *See* Tolstoy, M.
- Southworth, J. *See* Gänsicke, B. T.
- Southworth, John. *See* Littlefair, S. P.
- Spalding, Mark; Kelleher, Graeme; Boucher, Timothy; Fish, Lucy: How protected are coral reefs? (letter). p757 3 Nov 2006.
- Spangler, D. *See* Aharonian, F.
- Spanier, F. *See* Aharonian, F.
- Spear, R. C.; Seto, Edmund; Remais, Justin; Carlton, Elizabeth J.; Davis, George; Qiu, Dongchuan; Zhou, Xiaonong; Liang, Song: Fighting waterborne infectious diseases (letter). p1081 17 Nov 2006.
- Speer, N. J.; Tang, S.-J.; Miller, T.; Chiang, T.-C.: Coherent electronic fringe structure in incommensurate silver-silicon quantum wells. p804 3 Nov 2006.
- Speller, Sylvia. *See* van Hameren, Richard.
- Spencer, John R. *See* Kieffer, Susan W.
- Spencer, Maegan K. *See* Brownlee, Don. *See also* Sandford, Scott A.
- Spicer, Jennifer S. *See* Turner, R. Eugene.
- Spichtinger, Peter. *See* Peter, Thomas.
- Spillantini, Maria Grazia. *See* Goedert, Michel.
- Spiller, David A. *See* Losos, Jonathan B.
- Sponheimer, Matt; Passey, Benjamin H.; de Ruiter, Darryl J.; Guatelli-Steinberg, Debbie; Cerling, Thure E.; Lee-Thorp, Julia A.: Isotopic evidence for dietary variability in the early hominin *Paranthropus robustus*. p980 10 Nov 2006.
- Spraker, Terry R. *See* Mathiason, Candace K.
- Srivastava, Diane S. *See* Ngai, Jacqueline T.
- Stachowicz, John J. *See* Worm, Boris.
- Stadermann, Frank J. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Hörz, Friedrich. *See also* Keller, Lindsay P. *See also* McKeegan, Kevin D. *See also* Sandford, Scott A. *See also* Zolensky, Michael E.
- Stagira, S. *See* Sansone, G.
- Stairs, I. H. *See* Kramer, M.
- Stampanoni, Marco. *See* Hagadorn, James W.
- Stark, Dennis M.: Animal activism and intimidation of scientists (letter). p923 10 Nov 2006.
- Starr, A. F. *See* Schurig, D.
- Steele, Andrew. *See* Brownlee, Don. *See also* Keller, Lindsay P. *See also* Sandford, Scott A.
- Steenkamp, R. *See* Aharonian, F.
- Stegmann, C. *See* Aharonian, F.
- Steinberg, Ted: review of *Wildfire*, by George Wuertner, Ed. p256 13 Oct 2006.
- Steinhart, A. Hillary. *See* Duerr, Richard H.
- Stephan, Dietrich A. *See* Papassotiropoulos, Andreas.
- Stephan, Douglas W. *See* Welch, Gregory C.
- Stephan, Thomas. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Hörz, Friedrich. *See also* Sandford, Scott A. *See also* Zolensky, Michael E.
- Stephanopoulos, Gregory. *See* Alper, Hal.
- Stern, Peter and Travis, John (news): Of bytes and brains. p75 6 Oct 2006.
- Stevenson, Mario. *See* Ahuja, Sunil K.
- Stoerig, Petra: The impact of invisible stimuli (perspective). p1694 15 Dec 2006.
- Stokstad, Erik (news): Big dams ready for teardown. p584 27 Oct 2006. Crestfallen: sexually dimorphic no more. p921 10 Nov 2006. Environmentalists see a greener Congress. p1061 17 Nov 2006. EPA draws fire over air-review revisions. p1672 15 Dec 2006. Fisheries bill gives bigger role to science—but no money. p1857 22 Dec 2006. Global loss of biodiversity harming ocean bounty. p745 3 Nov 2006. Restoring Yosemite's twin. p582 27 Oct 2006. Snapshots from the meeting. p921 10 Nov 2006. Soft tissue in dinosaur fossils? The evidence hardens. p920 10 Nov 2006.
- Stole, Victor. *See* Samantha, Manoj P.
- Stolow, Albert. *See* Sussman, Benjamin J.

- Stoltz, N. G. *See* Berezovsky, J.
- Stone, Richard (news): The day the land tipped over. p406 20 Oct 2006. Facing a tsunami with no place to run. p408 20 Oct 2006. North Korea's bomb: boom or bust? p233 13 Oct 2006. A rescue effort for tsunami-ravaged mangrove forests. p404 20 Oct 2006. The saola's last stand. p1380 1 Dec 2006.
- Stone, Richard and Bohannon, John (news): U.N. conference puts spotlight on reducing impact of climate change. p1224 24 Nov 2006.
- Stone, Richard and Xin, Hao (news): Novartis invests \$100 million in Shanghai. p1064 17 Nov 2006.
- Strand, J. D. *See* Kidwingira, Françoise.
- Strand, Stephanie S. *See* Beck, Moriah R.
- Strausberg, Robert L. *See* Venkatesh, Byrappa.
- Strick, Terence R. *See* Revyakin, Andrey.
- Stroud, Rhonda. *See* Brownlee, Don. *See also* Hörz, Friedrich. *See also* McKeegan, Kevin D. *See also* Zolensky, Michael E.
- Stroud, Rhonda M. *See* Flynn, George J.
- Stuart, Simon N. *See* Mendelson, Joseph R., III.
- Stute, M. *See* Ahmed, M. F.
- Su, C. *See* Taylor, S.
- Suarez, Andrew V. *See* Whitfield, Charles W.
- Sudarsan, Narasimhan; Hammond, Ming C.; Block, Kirsten F.; Welz, Rüdiger; Barrick, Jeffrey E.; Roth, Adam; Breaker, Ronald R.: Tandem riboswitch architectures exhibit complex gene control functions. p300 13 Oct 2006.
- Sugden, Andrew M.; Russell, Hugh A.; Sugden, Rowan M. A.: review of *Game On*, curated by Conrad Bodman and Lucian King for the Barbican Art Gallery. p1393 1 Dec 2006.
- Sugden, Rowan M. A. *See* Sugden, Andrew M.
- Sugimoto, H. *See* Amenomori, M.
- Suh, Byung-Chang; Inoue, Takanari; Meyer, Tobias; Hille, Bertil: Rapid chemically induced changes of PtdIns(4,5)P<sub>2</sub> gate KCNQ ion channels. p1454 1 Dec 2006.
- Sullivan, Sheena G. *See* Wu, Zunyu.
- Summerfield, Christopher; Egner, Tobias; Greene, Matthew; Koechlin, Etienne; Mangels, Jennifer; Hirsch, Joy: Predictive codes for forthcoming perception in the frontal cortex. p1311 24 Nov 2006.
- Sun, Hui. *See* Yang, Zhenglin.
- Sun, Xinhua. *See* Wu, Zunyu.
- Sun, Yugang. *See* Ahn, Jong-Hyun.
- Suna, Yuki. *See* Yamamoto, Yohei.
- Superina, G. *See* Aharonian, F.
- Suri, Anish and Ananue, Emil R: Response to comment on Suri *et al.* on diabetes reversal in NOD mice (technical comment). p1243 24 Nov 2006. [www.sciencemag.org/cgi/content/full/314/5803/1243d](http://www.sciencemag.org/cgi/content/full/314/5803/1243d).
- Susini, Jean. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Zolensky, Michael E.
- Sussman, Benjamin J.; Townsend, Dave; Ivanov, Misha Yu.; Stolow, Albert: Dynamic stark control of photochemical processes. p278 13 Oct 2006.
- Suter, Sherman. *See* Malcomson, Heather.
- Sutter, Roland W. *See* Grassly, Nicholas C.
- Sutton, S. R. *See* Brownlee, Don.
- Sutton, Stephen R. *See* Flynn, George J.
- Suzuki, Masato. *See* Yoshida, Sei.
- Suzuki, Misao. *See* Imai, Takeshi.
- Suzuki, S. *See* Scheeres, D. J.
- Suzuki, Shigeru. *See* Ostro, Steven. J.
- Suzuki, Toshihiko. *See* Yoshida, Sei.
- Suzuki, Y. *See* Brownlee, Don.
- Suzuki, Yoshio. *See* Flynn, George J.
- Swain, Ellen J. *See* Hassey, Ruthanne.
- Swanson, Mark E. *See* DellaSala, Dominick A.
- Sweedler, Jonathan V. *See* Hummon, Amanda B.
- Swenson, Erick M. *See* Turner, R. Eugene.
- Szabo, Steve. *See* Sjöblom, Tobias.
- Szalayova, Ildiko. *See* Faustman, Denise L.

## T, U, and V

- Tabeta, Koichi. *See* Casrouge, Armanda.
- Tagawa, Seiichi. *See* Yamamoto, Yohei.
- Taheri, Mitra. *See* Brownlee, Don. *See also* Zolensky, Michael E.
- Takahashi, Joseph S. *See* McDearmon, Erin L.
- Takahashi, Kunio. *See* Fukui, Yasuo.
- Takeuchi, Hajime. *See* Mora, J. Rodrigo.
- Takita, M. *See* Amenomori, M.
- Tam, P. H. *See* Aharonian, F.
- Tam, Pancy O. S. *See* DeWan, Andrew.
- Tamai, Asuka. *See* Yoshida, Sei.
- Tan, Choon Ping. *See* Pichlmair, Andreas.
- Tan, Y. H. *See* Amenomori, M.
- Tanaka, Kiyohisa; Lee, W. S.; Lu, D. H.; Fujimori, A.; Fujii, T.; Risdiana; Terasaki, I.; Scalapino, D. J.; Devereaux, T. P.; Hussain, Z.; Shen, Z.-X.: Distinct Fermi-momentum-dependent energy gaps in deeply underdoped Bi2212. p1910 22 Dec 2006.
- Tang, K. *See* Taylor, S.
- Tang, S.-J. *See* Speer, N. J.
- Tang, Xuli. *See* Zhou, Guoyi.
- Tang, Zhiyong; Zhang, Zhenli; Wang, Ying; Glotzer, Sharon C.; Kotov, Nicholas A.: Self-assembly of CdTe nanocrystals into free-floating sheets. p274 13 Oct 2006.
- Taniguchi, Masateru. *See* Yamamoto, Yohei.
- Tao, Jing. *See* Chong, Anita S.
- Tardieu, Marc. *See* Casrouge, Armanda.
- Targan, Stephan. *See* Duerr, Richard H.
- Tateyama, N. *See* Amenomori, M.
- Tavernet, J.-P. *See* Aharonian, F.
- Tay, Alice. *See* Venkatesh, Byrappa.
- Taylor, J. M. *See* Childress, L.
- Taylor, Kent D. *See* Duerr, Richard H.
- Taylor, S. *See* Saeji, J. P. J.
- Taylor, S.; Barragan, A.; Su, C.; Fux, B.; Fentress, S. J.; Tang, K.; Beatty, W. L.; El Hajj, H.; Jerome, M.; Behnke, M. S.; White, M.; Wootton, J. C.; Sibley, L. D.: A secreted serine-threonine kinase determines virulence in the eukaryotic pathogen *Toxoplasma gondii*. p1776 15 Dec 2006.
- Taylor, Susan. *See* Brownlee, Don. *See also* Flynn, George J.
- Tchivileva, I. E. *See* Nackley, A. G.
- Telesco, Charles: Born with flare (perspective). p605 27 Oct 2006.
- Telling, Glenn C. *See* Mathiason, Candace K.
- Teo, Wulin. *See* Llano, Manuel.
- Terasaki, I. *See* Tanaka, Kiyohisa.
- Terrier, R. *See* Aharonian, F.
- Teslich, Nick. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Hörz, Friedrich. *See also* Zolensky, Michael E.
- The Tibet ASy Collaboration. *See* Amenomori, M.
- Theil, Elizabeth C. *See* Walden, William E.
- Thomsen, Philip Francis. *See* Glenner, Henrik.
- Thorne, Michael S. *See* Lay, Thorne.
- Thumfart, Jörg-Oliver. *See* Berkefeld, Henrike.
- Thursby, Jerry and Thursby, Marie: Where is the new science in corporate R&D? p1547 8 Dec 2006.
- Thursby, Marie. *See* Thursby, Jerry.
- Tilman, David; Hill, Jason; Lehman, Clarence: Carbon-negative biofuels from low-input high-diversity grassland biomass. p1598 8 Dec 2006.
- Timmer, Jens. *See* Sick, Stefanie.
- Tindall, Donald J. *See* Huang, Haojie.
- Tkachev, Vladimir V. *See* Novikov, Alexander P.
- Tluczkyont, M. *See* Aharonian, F.
- Toh, Hidehiro. *See* Nakabachi, Atsushi.
- Tolstoy, M.; Cowen, J. P.; Baker, E. T.; Fornari, D. J.; Rubin, K. H.; Shank, T. M.; Waldhauser, F.; Bohnenstiehl, D. R.; Forsyth, D. W.; Holmes, R. C.; Love, B.; Perfit, M. R.; Weekly, R. T.; Soule, S. A.; Glazer, B.: A sea-floor spreading event captured by seismometers. p1920 22 Dec 2006.
- Tomeoka, Kazu. *See* Brownlee, Don.
- Tomeoka, Kazushige. *See* Zolensky, Michael E.
- Tomioka, Naotaka. *See* Brownlee, Don. *See also* Zolensky, Michael E.
- Tomson, Mason. *See* Yavuz, Cafer T.
- Tong, Zongzhong. *See* Yang, Zhenglin.
- Tongprasit, Waraporn. *See* Samantha, Manoj P.
- Toonen, Robert J. *See* Wares, John P.
- Topalian, Suzanne L. *See* Morgan, Richard A.
- Toppani, Alice. *See* Brownlee, Don. *See also* Zolensky, Michael E.
- Torii, Kazufumi. *See* Fukui, Yasuo.
- Torii, S. *See* Amenomori, M.
- Torroni, Antonio. *See* Olivieri, Anna.
- Tosi, Guido. *See* Boutin, Stan.
- Toth, Miklos. *See* Chen, Zhe-Yu.
- Toth, Zsuzsanna E. *See* Faustman, Denise L.
- Townsend, Dave. *See* Sussman, Benjamin J.
- Tran, Simon D. *See* Faustman, Denise L.
- Trauitt, Zachary T.; Upmannu, Moneesh; Karma, Alain: Interface mobility from interface random walk. p632 27 Oct 2006.
- Travis, John. *See* Stern, Peter.
- Treseder, K. K. *See* Randerson, J. T.
- Treyer, Valerie. *See* Knoch, Daria.
- Trigo-Rodríguez, J. M. *See* Garcia-Hernández, D. A.
- Trigo-Rodríguez, Joseph M. *See* Brownlee, Don. *See also* Hörz, Friedrich.
- Tripati, Aradhna K. *See* Pälke, Heiko.
- Trkola, Alexandra. *See* Ahuja, Sunil K.
- Trodec, D. *See* Flynn, George J.
- Trodec, David. *See* Brownlee, Don. *See also* Hörz, Friedrich.
- Trojanowski, John Q. *See* Neumann, Manuela.
- Truax, Adam C. *See* Neumann, Manuela.
- Tsao, Doris: A dedicated system for processing faces (essays on science and society). p72 6 Oct 2006. 2006 Grand Prize winner. p73 6 Oct 2006.
- Tsou, Peter. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Hörz, Friedrich. *See also* Keller, Lindsay P. *See also* McKeegan, Kevin D. *See also* Sandford, Scott A. *See also* Zolensky, Michael E.
- Tsuchiya, H. *See* Amenomori, M.
- Tsuchiyama, Akira. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Zolensky, Michael E.
- Tsushima, Yoshiaki; Sasaki, Yuka; Watanabe, Takeo: Greater disruption due to failure of inhibitory control on an ambiguous distractor. p1786 15 Dec 2006.
- Tsutsui, Neil D. *See* Whitfield, Charles W.
- Tu, Qiang. *See* Samantha, Manoj P.
- Tu, Ryan. *See* Zhang, Guangyu.
- Turner, F. Rudolf. *See* Hagadorn, James W.
- Turner, R. Eugene; Bastian, Joseph J.; Swenson, Erick M.; Spicer, Jennifer S.: Wetland sedimentation from Hurricanes Katrina and Rita. p449 20 Oct 2006.
- Turvey, Stuart E. *See* Nishio, Junko.
- Tuzzolino, A. J. *See* Hörz, Friedrich.
- Tuzzolino, Anthony J. *See* Brownlee, Don.
- Tyliszczak, Tolek. *See* Brownlee, Don. *See also* Sandford, Scott A.
- Tyson, Gene W. *See* Baker, Brett J.
- Tyzio, Roman; Cossart, Rosa; Khalilov, Ilgam; Minlebaev, Marat; Hübner, Christian A.; Represa, Alfonso; Ben-Ari, Yehezkel; Khazipov, Rustem: Maternal oxytocin triggers a transient inhibitory switch in GABA signaling in the fetal brain during delivery. p1788 15 Dec 2006.
- Uauy, Cristobal; Distelfeld, Assaf; Fahima, Tziona; Blechl, Ann; Dubcovsky, Jorge: A NAC gene regulating senescence improves grain protein,

- zinc, and iron content in wheat. p1298 24 Nov 2006.
- Udo, S. *See* Amenomori, M.
- Uesugi, K. *See* Brownlee, Don.
- Uesugi, Kentaro. *See* Flynn, George J.
- Unanue, Emil R. *See* Suri, Anish.
- Unger, Katherine (news): Carving his own unique niche, in symbols and stone. p412 20 Oct 2006.
- Upmanyu, Moneesh. *See* Trautt, Zachary T.
- Urban, Joseph F. *See* Zaiss, Dietmar M.
- Ustinov, A. V. *See* Hime, T.
- Utsunomiya, Satoshi. *See* Novikov, Alexander P.
- Valentine, James W. *See* Jablonski, David.
- Valenzuela, Sergio O.; Oliver, William D.; Berns, David M.; Berggren, Karl K.; Levitov, Leonid S.; Orlando, Terry P.: Microwave-induced cooling of a superconducting qubit. p1589 8 Dec 2006.
- Valiyaveetil, Francis I.; Leonetti, Manuel; Muir, Tom W.; MacKinnon, Roderick: Ion selectivity in a semisynthetic K<sup>+</sup> channel locked in the conductive conformation. p1004 10 Nov 2006.
- Valla, T.; Fedorov, A. V.; Lee, Jinho; Davis, J. C.; Gu, G. D.: The ground state of the pseudogap in cuprate superconductors. p1914 22 Dec 2006.
- van Buul, Arend M. *See* van Hameren, Richard.
- van Eldik, C. *See* Aharonian, F.
- van Geen, A. *See* Ahmed, M. F.
- van Hameren, Richard; Schön, Peter; van Buul, Arend M.; Hoogboom, Johan; Lazarenko, Sergiy V.; Gerritsen, Jan W.; Engelkamp, Hans; Christianen, Peter C. M.; Heus, Hans A.; Maan, Jan C.; Rasing, Theo; Speller, Sylvia; Rowan, Alan E.; Elemans, Johannes A. A. W.; Nolte, Roeland J. M.: Macroscopic hierarchical surface patterning of porphyrin trimers via self-assembly and dewetting. p1433 1 Dec 2006.
- Van Harlingen, D. J. *See* Kidwingira, Francoise.
- van Helden, Paul D.; Victor, Tommie; Warren, Robin M.: The "source" of drug-resistant TB outbreaks (letter). p419 20 Oct 2006.
- van Nimwegen, Erik: Influenza escapes immunity along neutral networks (perspective) p1884 22 Dec 2006.
- van Rossum, Damian B. *See* Caraveo, Gabriela.
- VanDuijn, Martijn M. *See* Nelson, Celeste M.
- Vasileiadis, G. *See* Aharonian, F.
- Vekemans, Bart. *See* Flynn, George J.
- Velbel, Michael. *See* Brownlee, Don.
- Velbel, Michael A. *See* Zolensky, Michael E.
- Velculescu, Victor E. *See* Sjöblom, Tobias.
- Velichko, Andrei A. *See* MacDonald, Glen M.
- Vellenga, Joe. *See* Brownlee, Don.
- Velotta, R. *See* Sansone, G.
- Venditti, Chris. *See* Pagel, Mark.
- Venkataraman, Dhandapani. *See* Hassey, Ruthanne.
- Venkatesh, Byrappa; Kirkness, Ewen F.; Loh, Yong-Hwee; Halpern, Aaron L.; Lee, Alison P.; Johnson, Justin; Dandona, Nidhi; Viswanathan, Lakshmi D.; Tay, Alice; Venter, J. Craig; Strausberg, Robert L.; Brenner, Sydney: Ancient noncoding elements conserved in the human genome. p1892 22 Dec 2006.
- Venken, Koen J. T.; He, Yuchun; Hoskins, Roger A.; Bellen, Hugo J.: P[acman]: a BAC transgenic platform for targeted insertion of large DNA fragments in *D. melanogaster*. p1747 15 Dec 2006.
- Venter, C. *See* Aharonian, F.
- Venter, J. Craig. *See* Venkatesh, Byrappa.
- Venugopal, V. *See* Goswami, B. N.
- Verleyen, Peter. *See* Hummon, Amanda B.
- Vermeij, Geerat J. *See* Dietl, Gregory P.
- Veron, John. *See* Mora, Camilo.
- Vialle, J. P. *See* Aharonian, F.
- Vicenzi, E. *See* Brownlee, Don.
- Vicenzi, Edward P. *See* Flynn, George J.
- Victor, Tommie. *See* van Helden, Paul D.
- Vierstraete, Evy. *See* Hummon, Amanda B.
- Vilà, Carles. *See* Bermejo, Magdalena.
- Vila-Costa, Maria; Simó, Rafel; Harada, Hyakubun; Gasol, Josep M.; Slezak, Doris; Kiene, Ronald P.: Dimethylsulfoniopropionate uptake by marine phytoplankton. p652 27 Oct 2006.
- Vile, Denis. *See* Shipley, Bill.
- Villoresi, P. *See* Sansone, G.
- Vincent, P. *See* Aharonian, F.
- Vincze, L. *See* Brownlee, Don.
- Vincze, Laszlo. *See* Flynn, George J.
- Viswanathan, Lakshmi D. *See* Venkatesh, Byrappa.
- Vogel, Gretchen (news): Chloroquine makes a comeback. p904 10 Nov 2006. Fraud investigation clouds paper on early cell fate. p1367 1 Dec 2006. A German Ivy League takes shape. p400 20 Oct 2006. On the brink. p749 3 Nov 2006. SARS and bird flu veteran to take WHO helm. p1067 17 Nov 2006. Tracking Ebola's deadly march among wild apes. p1522 8 Dec 2006.
- Vogel, Gretchen. *See* Enserink, Martin.
- Vogelstein, Bert. *See* Cheong, Ian. *See also* Sjöblom, Tobias.
- Vohs, Kathleen D.; Mead, Nicole L.; Goode, Miranda R.: The psychological consequences of money. p1154 17 Nov 2006.
- Volbeda, Anne. *See* Walden, William E.
- Völk, H. J. *See* Aharonian, F.
- Volkman, Loy E. *See* Goley, Erin D.
- Volz, Karl. *See* Walden, William E.
- von Andrian, Ulrich H. *See* Mora, J. Rodrigo.
- Vozzi, C. *See* Sansone, G.

## W, X, and Y

- Wächtershäuser, Günter. *See* Huber, Claudia.
- Wade, Bridget S. *See* Pälke, Heiko.
- Wagner, Peter J. *See* Madin, Joshua S.
- Wagner, Peter J.; Kosnik, Matthew A.; Lidgard, Scott: Abundance distributions imply elevated complexity of post-Paleozoic marine ecosystems. p1289 24 Nov 2006.
- Wagner, S. J. *See* Aharonian, F.
- Wahl, Matthias. *See* Dequéant, Mary-Lee.
- Wainberg, Mark A. *See* Ahuja, Sunil K. *See also* Grant, Robert M.
- Wake, David B. *See* Mendelson, Joseph R., III.
- Walden, William E.; Selezneva, Anna I.; Dupuy, Jérôme; Volbeda, Anne; Fontecilla-Camps, Juan C.; Theil, Elizabeth C.; Volz, Karl: Structure of dual function iron regulatory protein 1 complexed with ferritin IRE-RNA. p1903 22 Dec 2006.
- Waldhauser, F. *See* Tolstoy, M.
- Waldmann, Michael R.: review of *Moral Minds*, by Marc D. Hauser. p57 6 Oct 2006.
- Walisser, Jacqueline A. *See* McDearmon, Erin L.
- Walker, Joanne; Cliff, Robert A.; Latham, Alfred G.: U-Pb isotopic age of the StW 573 hominid from Sterkfontein, South Africa. p1592 8 Dec 2006.
- Walker, William H. *See* Llano, Manuel.
- Walldén, Lars: Beyond the particle in the box (perspective). p769 3 Nov 2006.
- Walsh, Christopher T. *See* Fischbach, Michael A.
- Walsh, Peter D. *See* Bermejo, Magdalena.
- Wandless, Thomas J. *See* Heo, Won Do.
- Wang, B. *See* Amenomori, M.
- Wang, H. *See* Amenomori, M.
- Wang, Jun. *See* Brideau, Nicholas J.
- Wang, Pei-Ling. *See* Lin, Li-Hung.
- Wang, X. *See* Amenomori, M.
- Wang, Xinran. *See* Zhang, Guangyu.
- Wang, Xu. *See* Brideau, Nicholas J.
- Wang, Y. G. *See* Amenomori, M.
- Wang, Ying. *See* Tang, Zhiyong.
- Wang, Ying; Jorda, Mireia; Jones, Peter L.; Maleszka, Ryszard; Ling, Xu; Robertson, Hugh M.; Mizzzen, Craig A.; Peinado, Miguel A.; Robinson, Gene E.: Functional CpG methylation system in a social insect. p645 27 Oct 2006.
- Ward, M. *See* Aharonian, F.
- Wares, John P.; Barber, Paul H.; Ross-Ibarra, Jeffrey; Sotka, Erik E.; Toonen, Robert J.: Mitochondrial DNA and population size (letter). p1388 1 Dec 2006.
- Warren, Jack. *See* Brownlee, Don. *See also* Hörz, Friedrich.
- Warren, Jack L. *See* Zolensky, Michael E.
- Warren, Robert J. *See* Mathiason, Candace K.
- Warren, Robin M. *See* van Helden, Paul D.
- Wassarman, Karen M. and Saecker, Ruth M.: Synthesis-mediated release of a small RNA inhibitor of RNA polymerase. p1601 8 Dec 2006.
- Watanabe, Takeo. *See* Tsushima, Yoshiaki.
- Watson, C. A. *See* Littlefair, S. P.
- Watson, Reg. *See* Worm, Boris.
- Wauters, Lucas A. *See* Boutin, Stan.
- Weaver, Daniel. *See* Whitfield, Charles W.
- Webb, Richard I. *See* Baker, Brett J.
- Weber, Friedemann. *See* Pichlmair, Andreas.
- Weber, Iris. *See* Brownlee, Don. *See also* Zolensky, Michael E.
- Weekly, R. T. *See* Tolstoy, M.
- Weill, François-Xavier. *See* Roumagnac, Philippe.
- Weisberg, Mike. *See* Brownlee, Don.
- Weisberg, Mike K. *See* Zolensky, Michael E.
- Weiss, Robin A. *See* Ahuja, Sunil K.
- Weiss, Shimon. *See* Kapanidis, Achillefs N.
- Weitzner, Daniel J. *See* Berners-Lee, Tim.
- Welch, Gregory C.; San Juan, Ronan R.; Masuda, Jason D.; Stephan, Douglas W.: Reversible, metal-free hydrogen activation. p1124 17 Nov 2006.
- Welch, Matthew D. *See* Goley, Erin D.
- Wells, Robert D. and Farnham, Peter: Why aren't there more scientists advocating for funding? (letter). p1081 17 Nov 2006.
- Welp, L. R. *See* Randerson, J. T.
- Welsh, Rory. *See* Howard, Erinn C.
- Welz, Rüdiger. *See* Sudarsan, Narasimhan.
- Wemmer, David E. *See* Schröder, Leif.
- Wen, Lianxing: Localized temporal change of the Earth's inner core boundary. p967 10 Nov 2006.
- Wenger, Jay. *See* Grassly, Nicholas C.
- Wertheimer, Alan. *See* Emanuel, Ezekiel J.
- Westphal, Andrew. *See* Hörz, Friedrich. *See also* McKeegan, Kevin D.
- Westphal, Andrew J. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Sandford, Scott A. *See also* Zolensky, Michael E.
- White, M. *See* Taylor, S.
- Whitfield, Charles W.; Behura, Susanta K.; Berlocher, Stewart H.; Clark, Andrew G.; Johnston, J. Spencer; Sheppard, Walter S.; Smith, Deborah R.; Suarez, Andrew V.; Weaver, Daniel; Tsutsui, Neil D.: Thrice out of Africa: ancient and recent expansions of the honey bee, *Apis mellifera*. p642 27 Oct 2006.
- Whitman, William B. *See* Howard, Erinn C.
- Wickelgren, Ingrid (news): Mouse studies question importance of Toll-like receptors to vaccines. p1859 22 Dec 2006. Vision's grand theorist. p78 6 Oct 2006.
- Wieler, Rainer. *See* Grimberg, Ansgar.
- Wigley, T. M. L.: A combined mitigation/geo-engineering approach to climate stabilization. p452 20 Oct 2006.
- Wild, Margaret A. *See* Mathiason, Candace K.
- Willem, Michael; Garratt, Alistair N.; Novak, Bozidar; Citron, Martin; Kaufmann, Steve; Rittger, Andrea; DeStrooper, Bart; Saftig, Paul; Birchmeier, Carmen; Haass, Christian: Control of peripheral nerve myelination by the  $\beta$ -secretase BACE1. p664 27 Oct 2006.
- Willerslev, Eske. *See* Glenner, Henrik.
- Willis, Joseph. *See* Sjöblom, Tobias.
- Willis, K. J. and Birks, H. J. B.: What is natural?

- The need for a long-term perspective in biodiversity conservation. p1261 24 Nov 2006.
- Willson, James K. V. *See* Sjöblom, Tobias.
- Wilsbacher, Lisa D. *See* McDearmon, Erin L.
- Wilson, James A. *See* Osherenko, Gail.
- Wilson, Paul A. *See* Gibbs, Samantha J. *See also* Pälke, Heiko.
- Wilson-Rich, Noah. *See* LeVan, Katherine E.
- Winckler, Thomas. *See* Schaap, Pauline.
- Winfrey, Erik. *See* Seelig, Georg.
- Winsky-Sommerer, Raphaëlle. *See* Conti, Bruno.
- Winters, R. Scott: review of *Gregor Mendel: Planting the Seeds of Genetics*, developed by the Field Museum, the Vereinigung zur Förderung der Genomforschung in Vienna, Austria, and the Mendel Museum in Brno, Czech Republic. p1685 15 Dec 2006.
- Wirick, Sue. *See* Brownlee, Don. *See also* Sandford, Scott A. *See also* Zolensky, Michael E.
- Wolfe, Lisa L. *See* Mathiason, Candace K.
- Wolinsky, Steven. *See* Ahuja, Sunil K.
- Wollmer, M. Axel. *See* Papassotiropoulos, Andreas.
- Wongthida, Phonphimon. *See* Llano, Manuel.
- Wood, Laura D. *See* Sjöblom, Tobias.
- Wooden, Diane. *See* Brownlee, Don. *See also* Keller, Lindsay P.
- Woodruff, Jeffrey B. *See* Goley, Erin D.
- Woodside, Michael T.; Anthony, Peter C.; Behnke-Parks, William M.; Larizadeh, Kevan; Herschlag, Daniel; Block, Steven M.: Direct measurement of the full, sequence-dependent folding landscape of a nucleic acid. p1001 10 Nov 2006.
- Woodwell, George M.: On purpose in conservation (letter). p52 6 Oct 2006.
- Woolsey, Thomas A. *See* Beck, Moriah R.
- Wootton, J. C. *See* Taylor, S.
- Wopenka, Brigitte. *See* Brownlee, Don. *See also* Sandford, Scott A.
- Worm, Boris: review of *The Swarm*, by Frank Schätzing. p1546 8 Dec 2006.
- Worm, Boris; Barbier, Edward B.; Beaumont, Nicola; Duffy, J. Emmett; Folke, Carl; Halpern, Benjamin S.; Jackson, Jeremy B. C.; Lotze, Heike K.; Micheli, Fiorenza; Palumbi, Stephen R.; Sala, Enric; Selkoe, Kimberley A.; Stachowicz, John J.; Watson, Reg: Impacts of biodiversity loss on ocean ecosystem services. p787 3 Nov 2006.
- Wozniakiewicz, Penelope. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Hörz, Friedrich.
- Wrachtrup, J. *See* Childress, L.
- Wright, Ian. *See* Brownlee, Don. *See also* Hörz, Friedrich.
- Wright, Kevin M. *See* Mendelson, Joseph R., III.
- Wu, C.-E. *See* Hime, T.
- Wu, Dianqing. *See* Kim, Sangwon V.
- Wu, H. R. *See* Amenomori, M.
- Wu, Leo. *See* Sjöblom, Tobias.
- Wu, Zunyou; Sun, Xinhua; Sullivan, Sheena G.; Detels, Roger: HIV testing and individual rights (letter). p417 20 Oct 2006.
- Wunderlich, John R. *See* Morgan, Richard A.
- Würthner, Frank: Generating a photocurrent on the nanometer scale (perspective). p1693 15 Dec 2006.
- Wynn, Anita C.: review of *Nobility*, by Turk Pipkin. p928 10 Nov 2006.
- Xavier, Prince K. *See* Goswami, B. N.
- Xia, Yu. *See* Kim, Philip M.
- Xiao, Shuhai. *See* Hagadorn, James W.
- Xin, Hao (news): Gencidine's efficacy: hard to translate. p1233 24 Nov 2006. Online sleuths challenge *Cell* paper. p1669 15 Dec 2006.
- Xin, Hao. *See* Guo, Jerry. *See also* Hepeng, Jia. *See also* Stone, Richard.
- Xue, L. *See* Amenomori, M.
- Yabuta, Hikaru. *See* Brownlee, Don. *See also* Sandford, Scott A.
- Yachandra, Vittal K. *See* Yano, Junko.
- Yamamoto, Hiroaki. *See* Fukui, Yasuo.
- Yamamoto, Y. *See* Amenomori, M.
- Yamamoto, Yohei; Fukushima, Takanori; Suna, Yuki; Ishii, Noriyuki; Saeki, Akinori; Seki, Shu; Tagawa, Seiichi; Taniguchi, Masateru; Kawai, Tomoji; Aida, Takuzo: Photoconductive coaxial nanotubes of molecularly connected electron donor and acceptor layers. p1761 15 Dec 2006.
- Yamashita, Atsushi. *See* Nakabachi, Atsushi.
- Yamashita, Makoto. *See* Segawa, Yasutomu.
- Yamauchi, Junji. *See* Chan, Jonah R.
- Yan, C. T. *See* Amenomori, M.
- Yan, Junhua. *See* Zhou, Guoyi.
- Yandle, Tracy: Property rights and ocean governance (letter). p593 27 Oct 2006.
- Yang, Chingwen. *See* Chen, Zhe-Yu.
- Yang, Huiying. *See* Duerr, Richard H.
- Yang, James C. *See* Morgan, Richard A.
- Yang, Kun. *See* Casrouge, Armanda.
- Yang, Li. *See* Zaiss, Dietmar M.
- Yang, Qingda. *See* Cox, Brian.
- Yang, X. C. *See* Amenomori, M.
- Yang, Zhenglin; Camp, Nicola J.; Sun, Hui; Tong, Zongzhong; Gibbs, Daniel; Cameron, D. Joshua; Chen, Haoyu; Zhao, Yu; Pearson, Erik; Li, Xi; Chien, Jeremy; DeWan, Andrew; Harmon, Jennifer; Bernstein, Paul S.; Shridhar, Vijji; Zabriskie, Norman A.; Hoh, Josephine; Howes, Kimberly; Zhang, Kang: A variant of the *HTRAI* gene increases susceptibility to age-related macular degeneration. p992 10 Nov 2006.
- Yano, Hajime. *See* Brownlee, Don. *See also* Zolensky, Michael E.
- Yano, Junko; Kern, Jan; Sauer, Kenneth; Latimer, Matthew J.; Pushkar, Yulia; Biesiadka, Jacek; Loll, Bernhard; Saenger, Wolfram; Messinger, Johannes; Zouni, Athina; Yachandra, Vittal K.: Where water is oxidized to dioxygen: structure of the photosynthetic Mn<sub>4</sub>Ca cluster. p821 3 Nov 2006.
- Yashin, Victor V. and Balazs, Anna C.: Pattern formation and shape changes in self-oscillating polymer gels. p798 3 Nov 2006.
- Yasue, S. *See* Amenomori, M.
- Yavuz, Cafer T.; Mayo, J. T.; Yu, William W.; Prakash, Arjun; Falkner, Joshua C.; Yean, Sujin; Cong, Lili; Shipley, Heather J.; Kan, Amy; Tomson, Mason; Natelson, Douglas; Colvin, Vicki L.: Low-field magnetic separation of monodisperse Fe<sub>3</sub>O<sub>4</sub> nanocrystals. p964 10 Nov 2006.
- Ye, Jun. *See* Boyd, Martin M.
- Ye, Wenyang. *See* Howard, Erinn C.
- Ye, Z. H. *See* Amenomori, M.
- Yean, Sujin. *See* Yavuz, Cafer T.
- Yeates, Todd O. and Beeby, Morgan: Proteins in a small world (perspective). p1882 22 Dec 2006.
- Yin, Dengping. *See* Chong, Anita S.
- Yip, Linda. *See* Chen, Yu.
- Yodh, A. G. *See* Han, Y.
- Yokota, Aya. *See* Mora, J. Rodrigo.
- Yonekura, Yoshinori. *See* Fukui, Yasuo.
- Yoshida, Barbara A. *See* Schietinger, Andrea.
- Yoshida, Sei; Handa, Yutaka; Suzuki, Toshihiko; Ogawa, Michinaga; Sazuki, Masato; Tamai, Asuka; Abe, Akio; Katayama, Eisaku; Sasakawa, Chihiro: Microtubule-severing activity of *Shigella* is pivotal for intercellular spreading. p985 10 Nov 2006.
- Young, Edward D. *See* Brownlee, Don. *See also* McKeegan, Kevin D.
- Young, John D.; Bianco, Richard W.; Fung, John J.; Lackner, Andrew A.: Animal activism and intimidation of scientists (letter). p923 10 Nov 2006.
- Young, Oran R. *See* Osherenko, Gail.
- Yu, G. C. *See* Amenomori, M.
- Yu, William W. *See* Yavuz, Cafer T.
- Yuan, A. F. *See* Amenomori, M.
- Yuan, Fang. *See* Hatzioannou, Theodora.
- Yuan, Xunlai. *See* Hagadorn, James W.
- Yuda, T. *See* Amenomori, M.

## Z

- Zabriskie, Norman A. *See* Yang, Zhenglin.
- Zachos, James C. *See* Pagani, Mark.
- Zack, Jerome A. *See* Ahuja, Sunil K.
- Zaiss, Dietmar M.; Yang, Li; Shah, Pranav R.; Kobie, James J.; Urban, Joseph F.; Mosmann, Tim R.: Amphiregulin, a T<sub>H</sub>2 cytokine enhancing resistance to nematodes. p1746 15 Dec 2006.
- Zare, Richard N. *See* Brownlee, Don. *See also* Sandford, Scott A.
- Zebiak, Stephen E. *See* McPhaden, Michael J.
- Zega, Thomas. *See* Brownlee, Don.
- Zega, Thomas J. *See* Zolensky, Michael E.
- Zelevinsky, Tanya. *See* Boyd, Martin M.
- Zender, C. S. *See* Randerson, J. T.
- Zerhouni, Elias A.: NIH in the post-doubling era: realities and strategies. p1088 17 Nov 2006.
- Zettl, A. *See* Chang, C. S.
- Zhang, David Yu. *See* Seelig, Georg.
- Zhang, Deqiang. *See* Zhou, Guoyi.
- Zhang, Fengwen. *See* Hatzioannou, Theodora.
- Zhang, Guangyu; Qi, Pengfei; Wang, Xinran; Lu, Yuerui; Li, Xiaolin; Tu, Ryan; Bangsaruntip, Sarunya; Mann, David; Zhang, Li; Dai, Hongjie: Selective etching of metallic carbon nanotubes by gas-phase reaction. p974 10 Nov 2006.
- Zhang, H. M. *See* Amenomori, M.
- Zhang, J. *See* Han, Y.
- Zhang, J. L. *See* Amenomori, M.
- Zhang, Kang. *See* Yang, Zhenglin.
- Zhang, Li. *See* Zhang, Guangyu.
- Zhang, N. J. *See* Amenomori, M.
- Zhang, Samuel Shao-Min. *See* DeWan, Andrew.
- Zhang, Shen-Ying. *See* Casrouge, Armanda.
- Zhang, Shou-Cheng. *See* Bernevig, B. Andrei.
- Zhang, X. Y. *See* Amenomori, M.
- Zhang, Y. *See* Amenomori, M.
- Zhang, Yi. *See* Amenomori, M.
- Zhang, Zhenli. *See* Tang, Zhiyong.
- Zhao, Connie. *See* DeWan, Andrew.
- Zhao, Yu. *See* Yang, Zhenglin.
- Zhaxisangzhu. *See* Amenomori, M.
- Zheng, Zhili. *See* Morgan, Richard A.
- Zhou, Chuanming. *See* Hagadorn, James W.
- Zhou, Chuanyan. *See* Zhou, Guoyi.
- Zhou, Guoyi; Liu, Shuguang; Li, Zhan; Zhang, Deqiang; Tang, Xuli; Zhou, Chuanyan; Yan, Junhua; Mo, Jiangming: Old-growth forests can accumulate carbon in soils. p1417 1 Dec 2006.
- Zhou, Shibin. *See* Cheong, Ian.
- Zhou, X. X. *See* Amenomori, M.
- Zhou, Xiaonong. *See* Spear, R. C.
- Zibrov, A. S. *See* Childress, L.
- Ziegler, Karen. *See* Brownlee, Don. *See also* McKeegan, Kevin D.
- Zimmerman, Peter: review of *The Jasons*, by Ann Finkbeiner. p1685 15 Dec 2006.
- Zimmermann, Laurent. *See* Brownlee, Don. *See also* McKeegan, Kevin D.
- Zinchenko, Rena. *See* Kazantseva, Anastasiya.
- Zinkernagel, Annelies. *See* Chen, Yu.
- Zinner, Ernst. *See* Brownlee, Don. *See also* Flynn, George J. *See also* Hörz, Friedrich. *See also* McKeegan, Kevin D.
- Zippel, Kevin C. *See* Mendelson, Joseph R., III.
- Zolensky, Michael. *See* Brownlee, Don.
- Zolensky, Michael E. *See* Flynn, George J. *See also* Nakamura-Messenger, Keiko. *See also* Sandford, Scott A.
- Zolensky, Michael E.; Zega, Thomas J.; Yano, Hajime; Wirick, Sue; Westphal, Andrew J.; Weisberg, Mike K.; Weber, Iris; Warren, Jack

L.; Velbel, Michael A.; Tsuchiyama, Akira; Tsou, Peter; Toppani, Alice; Tomioka, Naotaka; Tomeoka, Kazushige; Teslich, Nick; Taheri, Mitra; Susini, Jean; Stroud, Rhonda; Stephan, Thomas; Stadermann, Frank J.; Snead, Christopher J.; Simon, Steven B.; Simionovici, Alexandre; See, Thomas H.; Robert, François; Rietmeijer, Frans J. M.; Rao, William; Perronnet, Murielle C.; Papanastassiou, Dimitri A.; Okudaira, Kyoko; Ohsumi, Kazumasa; Ohnishi, Ichiro; Nakamura-Messenger, Keiko; Nakamura, Tomoki; Mostefaoui, Smail; Mikouchi, Takashi; Meibom, Anders; Matrajt, Graciela; Marcus, Matthew A.; Leroux, Hugues; Lemelle, Laurence; Le, Loan; Lanzirotti, Antonio; Langenhorst, Falko; Krot, Alexander N.; Keller, Lindsay P.; Kearsley, Anton T.; Joswiak, David; Jacob, Damien; Ishii, Hope; Harvey, Ralph; Hagiya, Kenji; Grossman, Lawrence; Grossman, Jeffrey N.; Graham, Giles A.; Gounelle, Matthieu; Gillet, Philippe; Genge, Matthew J.; Flynn, George; Ferroir, Tristan; Fallon, Stewart; Ebel, Denton S.; Dai, Zu Rong; Cordier, Patrick; Clark, Benton; Chi, Miaofang; Butterworth, Anna L.; Brownlee, Donald E.; Bridges, John C.; Brennan, Sean; Brearley, Adrian; Bradley, John P.; Bleuet, Pierre; Bland, Phil A.; Bastien, Ron: Mineralogy and petrology of comet 81P/Wild 2 nucleus samples. p1735 15 Dec 2006.

Zolensky, Mike. *See* Keller, Lindsay P.

Zorrilla, Eric P. *See* Conti, Bruno.

Zouni, Athina. *See* Yano, Junko.

Zwally, H. J. *See* Luthcke, S. B.

Zwierlein, Martin W. and Ketterle, Wolfgang: Comment on "Pairing and phase separation in a polarized Fermi gas" (technical comment). p54 6 Oct 2006. [www.sciencemag.org/cgi/content/full/314/5796/54a](http://www.sciencemag.org/cgi/content/full/314/5796/54a).

Zykov, Victor. *See* Bongard, Josh.