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Chen, Mark S. and White, M. Christina: A predictably selective aliphatic C-H oxidation reaction for complex molecule synthesis. p783 2 Nov 2007.
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Chen, Zhoutao. *See* Korbel, Jan O.
Cheng, A. F. *See* Grundy, W. M. *See also* Retherford, K. D. *See also* Reuter, D. C. *See also* Spencer, J. R.
Cheng, Andrew F. *See* Baines, Kevin H. *See also* Gladstone, G. Randall. *See also* Showalter, Mark R.
Cheng, Genhong. *See* Kayagaki, Nobuhiko.
Cherepov, N. A. *See* Akoury, D.
Cherezov, Vadim. *See* Rosenbaum, Daniel M.
Cherezov, Vadim; Rosenbaum, Daniel M.; Hanson, Michael A.; Rasmussen, Søren G. F.; Thian, Foon Sun; Kobilka, Tong Sun; Choi, Hee-Jung; Kuhn, Peter; Weis, William I.; Kobilka, Brian K.; Stevens, Raymond C.: High-resolution crystal structure of an engineered human β_2 -adrenergic G protein-coupled receptor. p1258 23 Nov 2007.
Chess, Andrew. *See* Gimelbrant, Alexander.
Chi, Jianxiang. *See* Korbel, Jan O.
Chin, Lynda. *See* Stommel, Jayne M.
Chiocchini, Claudia. *See* Alt, Aaron.
Chlamydomonas Annotation Team. *See* Merchant, Sabeeha S.
Cho, Adrian (news): Effect that revolutionized hard drives nets a Nobel. p179 12 Oct 2007. Making machines that make others of their kind. p1084 16 Nov 2007. Neutron-laden nucleus pushes limit. p549 26 Oct 2007. Robotic cars tackle crosstown traffic—and not one another. p1060 16 Nov 2007. Simple scheme stores light by converting it into vibration and back. p1710 14 Dec 2007. Three economists lauded for theory that helps the invisible hand. p375 19 Oct 2007. Universe's highest-energy particles traced back to other galaxies. p896 9 Nov 2007.
Choi, Hee-Jung. *See* Cherezov, Vadim. *See also* Rosenbaum, Daniel M.
Choi, Jung-Kyoo and Bowles, Samuel: The co-evolution of parochial altruism and war. p636 26 Oct 2007.
Choi, Wen-Yee; Giraldez, Antonio J.; Schier, Alexander F.: Target protectors reveal dampening and balancing of nodal agonists and antagonist by miR-430. p271 12 Oct 2007.
Choi, Wonjae. *See* Tuteja, Anish.
Chung, Hsiu-Ying; Weinberger, Michelle B.; Levine, Jonathan B.; Cumberland, Robert W.; Kavner, Abby; Yang, Jenn-Ming; Tolbert, Sarah H.; Kaner, Richard B.: Response to comment on "Synthesis of ultra-incompressible superhard rhenium diboride at ambient pressure" (technical comment). p1550 7 Dec 2007. www.sciencemag.org/cgi/content/full/318/5856/1550d.
Cibelli, Jose: Is therapeutic cloning dead? (perspective). p1879 21 Dec 2007.
Ciesla, Fred J.: Outward transport of high-temperature materials around the midplane of the solar nebula. p613 26 Oct 2007.
Cimatu, Katherine. *See* Cannara, Rachel J.
Cirtain, J. W.; Golub, L.; Lundquist, L.; van Ballegooijen, A.; Savcheva, A.; Shimojo, M.; DeLuca, E.; Tsuneta, S.; Sakao, T.; Reeves, K.; Weber, M.; Kano, R.; Narukage, N.; Shibasaki, K.: Evidence for Alfvén waves in solar x-ray jets. p1580 7 Dec 2007.
Cirtain, Jonathan W. *See* Aulianier, Guillaume.
Clark, Noel A. *See* Nakata, Michi.
Clarke, Anthony R. *See* Collinge, John.
Clarke, John T. *See* Gladstone, G. Randall.
Clayton, Donald D.: Hoyle's equation (perspective). p1876 21 Dec 2007.
Clery, Daniel (news): Columbus injects science into station. p1374 30 Nov 2007. Europeans lay down their wish list for next 2 decades. p35 5 Oct 2007. A lab to get the measure of matter. p738 2 Nov 2007. Location, location, location. p380 19 Oct 2007. U.K. cutbacks rattle physics, astronomy. p1851 21 Dec 2007. U.K. science adviser offers some parting shots. p1862 21 Dec 2007. U.K. spells out boost in medical research. p379 19 Oct 2007.
Clifford, Stephen M. *See* Watters, Thomas R.
Clow, Fiona. *See* Kang, Hae Joo.
Clubb, Robert T. *See* Yeates, Todd O.
Clutton-Brock, Tim: Sexual selection in males and females. p1882 21 Dec 2007.
Cocke, C. L. *See* Akoury, D.
Coco, Cassandra. *See* Lutz, Susanne.
Coffey, Peter. *See* Scheiermann, Christoph.
Cohen, Hannah R. *See* Lin, Jonathan H.
Cohen, Jon (news): Did Merck's failed HIV vaccine cause harm? p1048 16 Nov 2007. Drone spy plane helps fight California fires. p727 2 Nov 2007. New estimates scale back scope of HIV/AIDS epidemic. p1360 30 Nov 2007. Promising AIDS vaccine's failure leaves field reeling. p28 5 Oct 2007. Reconstructing the origins of the AIDS epidemic from archived HIV isolates. p731 2 Nov 2007.
Cohen, Jon and Lester, Benjamin (news): Trials of NIH's AIDS vaccine get a yellow light. p1852 21 Dec 2007.
Cohen, Robert E. *See* Tuteja, Anish.
Coll, Anthony P. *See* Gerken, Thomas.
Collinge, John and Clarke, Anthony R.: A general model of prion strains and their pathogenicity. p930 9 Nov 2007.
Collins, Nicholas C. *See* Sutton, Tim.
Colón-Ramos, Daniel A.; Margeta, Milica A.; Shen, Kang: Glia promote local synaptogenesis through UNC-6 (netrin) signaling in *C. elegans*. p103 5 Oct 2007.
Compton, Roger W. *See* Watts, Raymond D.
Conard, S. J. *See* Retherford, K. D.
Condemi, Silvana. *See* Lalueza-Fox, Carles.
Cong, Bin. *See* Chen, Kai-Yi.
Conlan, Sean. *See* Cox-Foster, Diana L.
Contreras, Marco; Ceric, Francisco; Torrealba, Fernando: Inactivation of the interoceptive insula disrupts drug craving and malaise induced by lithium. p655 26 Oct 2007.
Cook, Adam J. L. *See* Groth, Anja.
Cookson, David J. *See* Park, Ho Bum.
Coontz, Robert. *See* Lavine, Marc S.
Cooper, Becky. *See* Araki, Hitoshi.

- Cooper, Richard S. *See* Bolnick, Deborah A.
- Cooper, Roger A. *See* Foote, Michael.
- Corden, Jeffry L.: Seven ups the code (perspective). p1735 14 Dec 2007.
- Corpet, Armelle. *See* Groth, Anja.
- Correll, N. *See* Halloy, J.
- Costa Fraga, R. A. *See* Akoury, D.
- Coulubaly, Fasséli. *See* Kang, Hae Joo.
- Couny, F.; Benabid, F.; Roberts, P. J.; Light, P. S.; Raymer, M. G.: Generation and photonic guidance of multi-octave optical-frequency combs. p1118 16 Nov 2007.
- Couzin, Jennifer (news): ALS trial raises questions about promising drug. p1227 23 Nov 2007.
- Dietary guidelines spark flap over fish consumption. p550 26 Oct 2007. NIH weighs big changes in peer review. p1708 14 Dec 2007. Testing the line between too much and too little. p740 2 Nov 2007. Tumor suppressor may also affect gestational diabetes. p729 2 Nov 2007.
- Cox-Foster, Diana L.; Conlan, Sean; Holmes, Edward C.; Palacios, Gustavo; Evans, Jay D.; Moran, Nancy A.; Quan, Phenix-Lan; Briese, Thomas; Hornig, Mady; Geiser, David M.; Martinson, Vince; vanEngelsdorp, Dennis; Kalkstein, Abby L.; Drysdale, Andrew; Hui, Jeffrey; Zhai, Junhui; Cui, Liwang; Hutchison, Stephen K.; Simons, Jan Fredrik; Egholm, Michael; Pettis, Jeffery S.; Lipkin, W. Ian: A metagenomic survey of microbes in honey bee colony collapse disorder. p283 12 Oct 2007.
- Crabtree, Robert H.: No protection required (perspective). p756 2 Nov 2007.
- Crampton, James S. *See* Foote, Michael.
- Crary, F. *See* McComas, D. J.
- Crawford, F. *See* Lorimer, D. R.
- Crawley, Jacqueline N.: Testing hypotheses about autism (perspective). p56 5 Oct 2007.
- Creevey, Christopher J. *See* Sorek, Rotem.
- Cristiani, G. *See* Chakhalian, J.
- Crompton, R. H. *See* Thorpe, S. K. S.
- Crompton, R. H. and Thorpe, S. K. S.: Response to comment on "Origin of human bipedalism as an adaptation for locomotion on flexible branches" (technical comment). p1066 16 Nov 2007. www.sciencemag.org/cgi/content/full/318/5853/1066e.
- Crompton, Ryan P. *See* Bouwer, Laurens M.
- Croshaw, Randal. *See* Wood, Laura D.
- Cross, Julie O. *See* Nakata, Michi.
- Crump, Matthew P. *See* Ferrand, Yann.
- Cruz, M.; Turok, N.; Vielva, P.; Martínez-González, E.; Hobson, M.: A cosmic microwave background feature consistent with a cosmic texture. p1612 7 Dec 2007.
- Csikor, Ferenc F.; Motz, Christian; Weygand, Daniel; Zaiser, Michael; Zapperi, Stefano: Dislocation avalanches, strain bursts, and the problem of plastic forming at the micrometer scale. p251 12 Oct 2007.
- Cui, Liwang. *See* Cox-Foster, Diana L.
- Culotta, Elizabeth (news): Ancient DNA reveals Neandertals with red hair, fair complexions. p546 26 Oct 2007.
- Cumberland, Robert W. *See* Chung, Hsiu-Ying.
- Cunliffe, Sharon. *See* Gerken, Thomas.
- Cunniff, Philip. *See* Koziol, Krzysztof.
- Curran, Tim. *See* Depue, Brendan E.
- Curtin, Joshua C. *See* Yin, Lei.
- Curtis, Maurice A.; Kam, Monica; Nanmark, Ulf; Faull, Richard L.M.; Eriksson, Peter S.: Response to comment on "Human neuroblasts migrate to the olfactory bulb via a lateral ventricular extension" (technical comment). p393 19 Oct 2007. www.sciencemag.org/cgi/content/full/318/5849/393c.
- Czasch, A. *See* Akoury, D.
- Czechowicz, Agnieszka; Kraft, Daniel; Weissman, Irving L.; Bhattacharya, Deepa: Efficient transplantation via antibody-based clearance of hematopoietic stem cell niches. p1296 23 Nov 2007.
- D'Asaro, E. A. *See* Kunze, E.
- da Rocha, Humberto R. *See* Saleska, Scott R.
- Dafforn, Timothy R. *See* Brissett, Nigel C.
- Dagotto, Elbio: When oxides meet face to face (perspective). p1076 16 Nov 2007.
- Dai, Shuanyou. *See* Wang, Guangyu.
- Dakic, Aleksandar. *See* Adams, Jerry M.
- Dal Maso, Miikka. *See* Kulmala, Markku.
- Dalchau, Neil. *See* Dodd, Antony N.
- Daniel, Isabelle. *See* Hilairat, Nadege.
- Dao, Diep N. *See* Behrens, M. Margarita.
- Daszak, P. *See* Rodríguez, J. P.
- Davidson, Adam G.; Chan, Vanessa; O'Dell, Ryan; Schieber, Marc H.: Rapid changes in throughput from single motor cortex neurons to muscle activity. p1934 21 Dec 2007.
- Davidson, Eric H. *See* Smith, Joel.
- Davis, Anthony P. *See* Ferrand, Yann.
- Davis, M. W. *See* Retherford, K. D.
- Davis, Michael W. *See* Gladstone, G. Randall.
- Dawson, Dawn. *See* Wood, Laura D.
- De Barro, P. J. *See* Liu, Shu-Sheng.
- De Deckker, Patrick. *See* Barrows, Timothy T.
- De Gryze, S. *See* Van Oost, K.
- de Kroon, Hans: How do roots interact? (perspective). p1562 7 Dec 2007.
- de la Rasilla, Marco. *See* Lalueza-Fox, Carles.
- de Pater, Imke. *See* Ádámkóvics, Máté.
- De Pontieu, V.; McIntosh, S. W.; Carlsson, M.; Hansteen, V. H.; Tarbell, T. D.; Schrijver, C. J.; Title, A. M.; Shine, R. A.; Tsuneta, S.; Katsukawa, Y.; Ichimoto, K.; Suematsu, Y.; Shimizu, T.; Nagata, S.: Chromospheric Alfvénic waves strong enough to power the solar wind. p1574 7 Dec 2007.
- de Wit, Maarten. *See* Furnes, Harald.
- Dean, Caroline. *See* Bäurle, Isabel.
- Dellatore, Shara M. *See* Lee, Haeshin.
- DeLuca, E. *See* Cirtain, J. W.
- DeLuca, Edward E. *See* Aulanier, Guillaume. *See also* Sakao, Taro.
- Deneubourg, J. L. *See* Halloy, J.
- Deng, Jie. *See* Lim, Roderick Y. H.
- Deng, Xing Wang. *See* Rubio, Vicente.
- Denofrio, Lauren A.; Russell, Brandy; Lopatto, David; Lu, Yi: Linking student interests to science curricula. p1872 21 Dec 2007.
- DePinho, Ronald A. *See* Stommel, Jayne M.
- Depue, Brendan E.; Curran, Tim; Banich, Marie T.: Memory suppression in PTSD treatment? (letter). p1722 14 Dec 2007.
- Derré, Alain. *See* Miaudet, Pierre.
- Detrain, C. *See* Halloy, J.
- Dewey, R. *See* Kunze, E.
- Dey, Abhishek; Jenney, Francis E., Jr.; Adams, Michael W. W.; Babini, Elena; Takahashi, Yasuhiro; Fukuyama, Keiichi; Hodgson, Keith O.; Hedman, Britt; Solomon, Edward I.: Solvent tuning of electrochemical potentials in the active sites of HiPIP versus ferredoxin. p1464 30 Nov 2007.
- Dezso, Zoltan. *See* Wood, Laura D.
- Di Croce, Luciano. *See* Lee, Min Gyu.
- di Leonardo, Micaela. *See* Brumfiel, Elizabeth M.
- Diamond, Adele; Barnett, W. Steven; Thomas, Jessica; Munro, Sarah: Preschool program improves cognitive control. p1387 30 Nov 2007.
- Dick, John E. *See* Kennedy, James A.
- Didan, Kamel. *See* Saleska, Scott R.
- Dieckmann, Ulf. *See* Jørgensen, Christian.
- Diermeier, Daniel: review of *Generative Social Science*, by Joshua M. Epstein. p918 9 Nov 2007.
- Diez Muiño, R. *See* Akoury, D.
- Dinerstein, Eric: Global and local conservation priorities (letter). p1377 30 Nov 2007.
- Ding, Lei. *See* Lin, Rongcheng.
- Dinneny, José R. *See* Brady, Siobhan M.
- Director, Stephen W.: Speaking out about U.S. science output (letter). p913 9 Nov 2007.
- Dixit, Vishva M. *See* Kayagaki, Nobuhiko.
- Djamei, Armin; Pitzschke, Andrea; Nakagami, Hirofumi; Rajh, Iva; Hirt, Heribert: Trojan horse strategy in *Agrobacterium* transformation: abusing MAPK defense signaling. p453 19 Oct 2007.
- Djurić, Petar M. *See* Manganas, Louis N.
- Dobbek, Holger. *See* Jeoung, Jae-Hun.
- Dobson, A. P. *See* Rodríguez, J. P.
- Dobson, Christopher M. *See* Knowles, Thomas P.
- Dodd, Antony N.; Gardner, Michael J.; Hotta, Carlos T.; Hubbard, Katharine E.; Dalchau, Neil; Love, John; Assie, Jean-Maurice; Robertson, Fiona C.; Jakobsen, Mia Kyed; Gonçalves, Jorge; Sanders, Dale; Webb, Alex A. R.: The *Arabidopsis* circadian clock incorporates a cADPR-based feedback loop. p1789 14 Dec 2007.
- Dodds, David R. and Gross, Richard A.: Chemicals from biomass (perspective). p1250 23 Nov 2007.
- Doherty, Aidan J. *See* Brissett, Nigel C.
- Dohmen, T. *See* Fliessbach, K.
- Dörfelt, Heinrich. *See* Schmidt, Alexander R.
- Dorin, Julia R. and Jackson, Ian J.: β -defensin repertoire expands (perspective). p1395 30 Nov 2007.
- Dörner, R. *See* Akoury, D.
- Dower, J. F. *See* Kunze, E.
- Driessen, Arnold J. M. *See* Bechtluft, Philipp.
- Drissner, David; Kunze, Gernot; Callewaert, Nico; Gehrig, Peter; Tamasloukht, M'Barek; Boller, Thomas; Felix, Georg; Amrhein, Nikolaus; Bucher, Marcel: Lyso-phosphatidylcholine is a signal in the arbuscular mycorrhizal symbiosis. p265 12 Oct 2007.
- Drysdale, Andrew. *See* Cox-Foster, Diana L.
- Du, Lei. *See* Korbel, Jan O.
- Dubi, A. *See* Hoegh-Guldberg, O.
- Dubrovinskaia, Natalia; Dubrovinsky, Leonid; Solozhenko, Vladimir L.: Comment on "Synthesis of ultra-incompressible superhard rhenium diboride at ambient pressure" (technical comment). p1550 7 Dec 2007. www.sciencemag.org/cgi/content/full/318/5856/1550c.
- Dubrovinsky, Leonid. *See* Dubrovinskaia, Natalia.
- Ducrest-Gay, Dominique. *See* Scheiermann, Christoph.
- Dugan, Laura L. *See* Behrens, M. Margarita.
- Dumas, C. *See* Spencer, J. R.
- Dunlop, Erin S. *See* Jørgensen, Christian.
- Durier, V. *See* Halloy, J.
- Durocher, Daniel. *See* Kolas, Nadine K.
- Duster, Troy. *See* Bolnick, Deborah A.
- Eakin, C. M. *See* Hoegh-Guldberg, O.
- Ebert, R. W. *See* McComas, D. J.
- Eby, Michael. *See* Kayagaki, Nobuhiko.
- Edelman, Gerald M.: Learning in and from brain-based devices (perspective). p1103 16 Nov 2007.
- Edwards, A. J. *See* Hoegh-Guldberg, O.
- Edwards, M. E. *See* Walter, K. M.
- Egholm, Michael. *See* Cox-Foster, Diana L. *See also* Korbel, Jan O. *See also* Toth, Amy L.
- Egloff, Sylvain; O'Reilly, Dawn; Chapman, Rob D.; Taylor, Alice; Tanzhaus, Katrin; Pitts, Laura; Eick, Dirk; Murphy, Shona: Serine-7 of the RNA polymerase II CTD is specifically required for snRNA gene expression. p1777 14 Dec 2007.
- Ehrsson, H. Henrik: Virtual reality and telepresence (letter). p1240 23 Nov 2007.
- Eick, Dirk. *See* Chapman, Rob D. *See also* Egloff, Sylvain.
- Elger, C. E. *See* Fliessbach, K.
- Eliason, William K. *See* Bailey, Scott.
- Elliott, H. *See* McComas, D. J.
- Elliott, H. A. *See* McNutt, R. L., Jr.
- Emanuel, Ezekiel J. *See* Millum, Joseph.
- Emery, J. P. *See* Grundy, W. M.
- Enberg, Katja. *See* Jørgensen, Christian.
- Engelberg-Kulka, Hanna. *See* Kolodkin-Gal, Ilana.
- Enikolopov, Grigori. *See* Manganas, Louis N.

- Enserink, Martin (news): Chikungunya: no longer a Third World disease. p1860 21 Dec 2007. In the HIV era, an old TB vaccine causes new problems. p1059 16 Nov 2007. Malaria treatment: ACT two. p560 26 Oct 2007. Tense meeting produces some hope for flu-sharing deal. p1361 30 Nov 2007.
- Enserink, Martin and Normile, Dennis (news): More bumps on the road to global sharing of H5N1 samples. p1229 23 Nov 2007.
- Enserink, Martin. *See* Roberts, Leslie.
- Erdélyi, R. and Fedun, V.: Are there Alfvén waves in the solar atmosphere? (perspective). p1572 7 Dec 2007.
- Eriksson, Peter S. *See* Curtis, Maurice A.
- Ernande, Bruno. *See* Jørgensen, Christian.
- Eswaramoorthy, Santhana K.; Howe, James M.; Muralidharan, Govindarajan: In situ determination of the nanoscale chemistry and behavior of solid-liquid systems. p1437 30 Nov 2007.
- Etherton, Mark R. *See* Tabuchi, Katsuhiko.
- Etterson, Julie R. *See* Galloway, Laura F.
- Euston, David R.; Tatsuno, Masami; McNaughton, Bruce L.: Fast-forward playback of recent memory sequences in prefrontal cortex during sleep. p1147 16 Nov 2007.
- Evans, J. *See* Rodriguez, J. A.
- Evans, Jay D. *See* Cox-Foster, Diana L.
- Evelyn, Chris R. *See* Lutz, Susanne.
- Facchetti, Antonio. *See* Kim, Choongik.
- Faden, Ruth R. *See* Lyerly, Anne Drapkin.
- Fahrenkrog, Birthe. *See* Lim, Roderick Y. H.
- Falck, John R. *See* Illies, Christopher.
- Falk, A. *See* Fließbach, K.
- Falk, Michael L.: The flow of glass (perspective). p1880 21 Dec 2007.
- Fang, Z. *See* Moore, R. G.
- Farooqi, I. Sadaf. *See* Gerken, Thomas.
- Farrell, Jamie M. *See* Chang, Wu-Lung.
- Farrell, William M. *See* Watters, Thomas R.
- Faull, Richard L.M. *See* Curtis, Maurice A.
- Faust, Eberhard. *See* Bouwer, Laurens M.
- Fedun, V. *See* Erdélyi, R.
- Felgenhauer, Thomas. *See* Beyer, Mario.
- Felix, Georg. *See* Drissner, David.
- Feng, Liang; Yan, Hanchi; Wu, Zhuoru; Yan, Nieng; Wang, Zhe; Jeffrey, Philip D.; Shi, Yigong: Structure of a site-2 protease family intramembrane metalloprotease. p1608 7 Dec 2007.
- Fernandez, Simon. *See* Beyer, Mario.
- Ferrand, Yann; Crump, Matthew P.; Davis, Anthony P.: A synthetic lectin analog for biomimetic disaccharide recognition. p619 26 Oct 2007.
- Ferrell, James E., Jr. *See* Poon, Andy C.
- Ferris, Patrick. *See* Merchant, Sabeeha S.
- Feschotte, Cédric. *See* Lin, Rongcheng.
- Fifield, L. Keith. *See* Barrows, Timothy T.
- Filion, G. J. *See* Augui, S.
- Fink, J. M. *See* Leek, P. J.
- Finkel, Toren. *See* Liu, Hongjun.
- Fisher, Brendan: CO₂ emissions: getting bang for the buck (letter). p1865 21 Dec 2007.
- Fisher, Brendan M. *See* Baines, Kevin H.
- Fisher, Daniel S. *See* Rust, Michael J.
- Fisher, Jeremy I. *See* Chambers, Jeffrey Q.
- Fisk, Zachary: A whiff of chemistry in heavy electron physics (perspective). p1559 7 Dec 2007.
- Fitzpatrick, Anthony W. *See* Knowles, Tuomas P.
- Fiume, Roberta. *See* Illies, Christopher.
- Flatley, Andrew. *See* Chapman, Rob D.
- Flatt, Thomas and Promislow, Daniel E. L.: Still pondering an age-old question (perspective). p1255 23 Nov 2007.
- Fleischer, Robert L.: Cancer filter déjà vu (letter). p1864 21 Dec 2007.
- Fließbach, K.; Weber, B.; Trautner, P.; Dohmen, T.; Sunde, U.; Elger, C. E.; Falk, A.: Social comparison affects reward-related brain activity in the human ventral striatum. p1305 23 Nov 2007.
- Foley, John F. *See* Ray, L. Bryan.
- Fonseca, Carlos Roberto. *See* Becker, Carlos Guilherme.
- Fontaine, Magali. *See* Karnik, Satyajit K.
- Foote, Michael; Crampton, James S.; Beu, Alan G.; Marshall, Bruce A.; Cooper, Roger A.; Maxwell, Phillip A.; Matcham, Iain: Rise and fall of species occupancy in Cenozoic fossil mollusks. p1131 16 Nov 2007.
- Foote, Richard: Mathematics and complex systems. p410 19 Oct 2007.
- Ford, Jennifer S. *See* Krkošek, Martin.
- Fortea, Javier. *See* Lalueza-Fox, Carles.
- Fox, Gavin C. *See* Brissett, Nigel C.
- Fox, Nathan A. *See* Nelson, Charles A., III.
- Frame, David J. *See* Allen, Myles R.
- Francino, M. Pilar. *See* Sorek, Rotem.
- Frane, Jennifer L. *See* Yu, Junying.
- Frank, Michael J.; Samanta, Johan; Moustafa, Ahmed A.; Sherman, Scott J.: Hold your horses: impulsivity, deep brain stimulation, and medication in Parkinsonism. p1309 23 Nov 2007.
- Freeland, J. W. *See* Chakhalian, J.
- Freeman, Benny D. *See* Park, Ho Bum.
- Freinking, Gernot and Tonner, Ralf: The ABCs of multiple bonding (letter). p746 2 Nov 2007.
- Friend, Clark R. L. *See* Nutman, Allen P.
- Fritz-Laylin, Lillian K. *See* Merchant, Sabeeha S.
- Frunzio, L. *See* Leek, P. J.
- Fuchs, Georg. *See* Berg, Ivan A.
- Fujimura, Joan H. *See* Bolnick, Deborah A.
- Fujiwara, Toru. *See* Miwa, Kyoko.
- Fukuhara, Atsunori; Matsuda, Morihiro; Nishizawa, Masako; Segawa, Katsumori; Tanaka, Masaki; Kishimoto, Kae; Matsuki, Yasushi; Murakami, Mirei; Ichisaka, Tomoko; Murakami, Hiroko; Watanabe, Eijiro; Takagi, Toshiyuki; Akiyoshi, Megumi; Ohtsubo, Tsuguteru; Kihara, Shinji; Yamashita, Shizuya; Makishima, Makoto; Funahashi, Tohru; Yamanaka, Shinya; Hiramatsu, Ryuji; Matsuzawa, Yuji; Shimomura, Iichiro: Retraction (letter). p565 26 Oct 2007.
- Fukuyama, Keiichi. *See* Dey, Abhishek.
- Fullwiley, Duana. *See* Bolnick, Deborah A.
- Funahashi, Tohru. *See* Fukuhara, Atsunori.
- Furnes, Harald; de Wit, Maarten; Staudigel, Hubert; Rosing, Minik; Muehlenbachs, Karlis: Response to comments on "A vestige of Earth's oldest ophiolite" (technical comment). p746 2 Nov 2007. www.sciencemag.org/cgi/content/full/318/5851/746e.

G and H

- Gaathon, Ariel. *See* Kolodkin-Gal, Ilana.
- Gabelli, Sandra B. *See* Huang, Chuan-Hsiang.
- Gaidos, Eric; Haghhighipour, Nader; Agol, Eric; Latham, David; Raymond, Sean; Rayner, John: New worlds on the horizon: Earth-sized planets close to other stars. p210 12 Oct 2007.
- Gaina, C. *See* Whittaker, J. M.
- Gallagher, K. T. *See* Myers, M. D.
- Galloway, Laura F. and Etterson, Julie R.: Trans-generational plasticity is adaptive in the wild. p1134 16 Nov 2007.
- Galvanovskis, Juris. *See* Gerken, Thomas.
- Gambetta, J. M. *See* Leek, P. J.
- Ganguly, N. K. *See* Sgaier, S. K.
- Gao, Yajun. *See* Johnston, Christopher A.
- García-Verdugo, Jose Manuel. *See* Sanai, Nader.
- Gårdmark, Anna. *See* Jørgensen, Christian.
- Gardner, Michael J. *See* Dodd, Antony N.
- Garnero, Edward J. *See* Schmerr, Nicholas.
- Garza-García, A. Acely. *See* Kumar, Anoop.
- Gascon, Claude. *See* Mittermeier, Russell A.
- Gates, Phillip B. *See* Kumar, Anoop.
- Gaulin, Steven J. C. *See* Krasnow, Max M.
- Gauthier, Daniel J. *See* Zhu, Zhaoming.
- Geders, Todd W. *See* Gu, Liangcai.
- Gehrig, Peter. *See* Drissner, David.
- Geiser, David M. *See* Cox-Foster, Diana L.
- Gerken, Thomas; Girard, Christophe A.; Tung, Yi-Chun Loraine; Webby, Celia J.; Saudek, Vladimir; Hewitson, Kirsty S.; Yeo, Giles S. H.; McDonough, Michael A.; Cunliffe, Sharon; McNeill, Luke A.; Galvanovskis, Juris; Rorsman, Patrik; Robins, Peter; Prieur, Xavier; Coll, Anthony P.; Ma, Marcella; Jovanovic, Zorica; Farooqi, I. Sadaf; Sedgwick, Barbara; Barroso, Inês; Lindahl, Tomas; Ponting, Chris P.; Ashcroft, Frances M.; O'Rahilly, Stephen; Schofield, Christopher J.: The obesity-associated *FTO* gene encodes a 2-oxoglutarate-dependent nucleic acid demethylase. p1469 30 Nov 2007.
- Gerstein, Mark B. *See* Korbel, Jan O.
- Gerwick, William H. *See* Gu, Liangcai.
- Ghatak, Animangsu. *See* Majumder, Abhijit.
- Gibbons, Ann (news): Coastal artifacts suggest early beginnings for modern behavior. p377 19 Oct 2007. Dental evidence suggests Neandertals matured faster than we do. p1547 7 Dec 2007. Hominid harems: big males competed for small australopithecine females. p1363 30 Nov 2007. Nariokotome Boy to go on the road despite protests. p32 5 Oct 2007. Paleontologists get x-ray vision. p1546 7 Dec 2007.
- Gimelbrant, Alexander; Hutchinson, John N.; Thompson, Benjamin R.; Chess, Andrew: Widespread mono-allelic expression on human autosomes. p1136 16 Nov 2007.
- Giraldez, Antonio J. *See* Choi, Wen-Yee.
- Giraldez, J. V. *See* Van Oost, K.
- Girard, Christophe A. *See* Gerken, Thomas.
- Girvetz, Evan H.; Jaeger, Jochen A. G.; Thorne, James H.: Comment on "Roadless space of the conterminous United States" (technical comment). p1240 23 Nov 2007. www.sciencemag.org/cgi/content/full/318/5854/1240b.
- Giulotto, Elena. *See* Azzalin, Claus M.
- Gladstone, G. R. *See* Baines, Kevin H. *See also* Retherford, K. D.
- Gladstone, G. Randall; Stern, S. Alan; Slater, David C.; Versteeg, Maarten; Davis, Michael W.; Retherford, Kurt D.; Young, Leslie A.; Steffl, Andrew J.; Throop, Henry; Parker, Joel Wm.; Weaver, Harold A.; Cheng, Andrew F.; Orton, Glenn S.; Clarke, John T.; Nichols, Jonathan D.: Jupiter's nightside airglow and aurora. p229 12 Oct 2007.
- Glass, Roger I. *See* Madon, Temina.
- Godwin, Brian. *See* Korbel, Jan O.
- Godwin, James W. *See* Kumar, Anoop.
- Goldhaber, M. B. *See* Myers, M. D.
- Goldstein, David B.: Replicating genome-wide association studies (letter). p390 19 Oct 2007.
- Goldstein, Michael J.: NASA funding slow, not steady, after space race (letter). p1721 14 Dec 2007.
- Golub, L. *See* Cirtain, J. W.
- Golub, Leon. *See* Aulanier, Guillaume. *See also* Reale, Fabio. *See also* Sakao, Taro.
- Gomez, E. *See* Hoegh-Guldberg, O.
- Gómez, Isabel. *See* Soberón, Mario.
- Gómez-Zurita, Jesús. *See* Hunt, Toby.
- Gonçalves, Jorge. *See* Dodd, Antony N.
- Goncharov, A. *See* Whittaker, J. M.
- González, S. *See* Rodríguez, J. P.
- Gopalsami, N. *See* Ozyuzer, L.
- Göppl, M. *See* Leek, P. J.
- Gordin, Michael D.: review of *Traveling at the Speed of Thought*, by Daniel Kennefick. p572 26 Oct 2007.
- Gorini, Alessandra: Virtual worlds, real healing (letter). p1549 7 Dec 2007.
- Gothlif, Y. *See* Levy, O.
- Gough, Nancy R. *See* Ray, L. Bryan.
- Govers, G. *See* Van Oost, K.
- Grafton, R. Q.; Kompas, T.; Hilborn, R. W.: Economics of overexploitation revisited. p1601 7 Dec 2007.

- Grassly, Nicholas C.; Wenger, Jay; Aylward, R. Bruce: Potent questions about India's polio vaccine (letter). p914 9 Nov 2007.
- Gray, K. E. *See* Ozyuzer, L.
- Greely, Henry: On neuroethics (editorial). p533 26 Oct 2007.
- Green, Andrew J. *See* Brissett, Nigel C.
- Green, Shaun P.; Jones, Cameron; Stasch, Andreas: Stable magnesium(I) compounds with Mg-Mg bonds. p1754 14 Dec 2007.
- Greenfield, P. *See* Hoegh-Guldberg, O.
- Grigoriev, Igor V. *See* Merchant, Sabeeha S.
- Grimm, David (news): Cell biology meets Roling. p1234 23 Nov 2007. Do-it-yourself recycling. p41 5 Oct 2007. Energy-efficient freezers for everyone. p40 5 Oct 2007. From Rolfer to researcher. p1235 23 Nov 2007. This man wants to green your lab. p39 5 Oct 2007.
- Grimwood, Jane. *See* Merchant, Sabeeha S.
- Grisanti, R. E. *See* Akoury, D.
- Gromada, Jesper. *See* Illies, Christopher.
- Gross, Richard A. *See* Dodds, David R.
- Grosse, G. *See* Walter, K. M.
- Grossman, Arthur R. *See* Merchant, Sabeeha S.
- Groth, Anja; Corpet, Armelle; Cook, Adam J. L.; Roche, Daniele; Bartek, Jiri; Lukas, Jiri; Almouzni, Genevieve: Regulation of replication fork progression through histone supply and demand. p1928 21 Dec 2007.
- Grubert, Fabian. *See* Korbel, Jan O.
- Grundy, W. M.; Buratti, B. J.; Cheng, A. F.; Emery, J. P.; Lunsford, A.; McKinnon, W. B.; Moore, J. M.; Newman, S. F.; Olkin, C. B.; Reuter, D. C.; Schenk, P. M.; Spencer, J. R.; Stern, S. A.; Throop, H. B.; Weaver, H. A.; the New Horizons team: New Horizons mapping of Europa and Ganymede. p234 12 Oct 2007.
- Gu, Liangcai; Geders, Todd W.; Wang, Bo; Gerwick, William H.; Håkansson, Kristina; Smith, Janet L.; Sherman, David H.: GNAT-like strategy for polyketide chain initiation. p970 9 Nov 2007.
- Gu, Xueying. *See* Karnik, Satyajit K.
- Güdde, J.; Rohleder, M.; Meier, T.; Koch, S. W.; Höfer, U.: Time-resolved investigation of coherently controlled electric currents at a metal surface. p1287 23 Nov 2007.
- Guggiari, M. *See* Augui, S.
- Guo, Jiandong. *See* Moore, R. G.
- Gurnee, R. S. *See* McNutt, R. L., Jr.
- Gustafsson, Lars. *See* Sæther, Stein A.
- Guthrie, Donald. *See* Nelson, Charles A., III.
- Ha, Taekjip. *See* Hohng, Sungchul.
- Haavie, Jon. *See* Sæther, Stein A.
- Habermeier, H.-U. *See* Chakhalian, J.
- Haddad, Célio Fernando Baptista. *See* Becker, Carlos Guilherme.
- Hafner, David A. *See* Anderson, Ana C.
- Haggerty, D. K. *See* McNutt, R. L., Jr.
- Haghighipour, Nader. *See* Gaidos, Eric.
- Hahn, Simone. *See* Kay, Sabine. *See also* Römer, Patrick.
- Håkansson, Kristina. *See* Gu, Liangcai.
- Halevy, Itay; Zuber, Maria T.; Schrag, Daniel P.: A sulfur dioxide climate feedback on early Mars. p1903 21 Dec 2007.
- Halloj, J.; Sempo, G.; Caprari, G.; Rivault, C.; Asadpour, M.; Tâche, F.; Saïd, I.; Durier, V.; Canonge, S.; Amé, J. M.; Detrain, C.; Correll, N.; Martinoli, A.; Mondada, F.; Siegwart, R.; Deneubourg, J. L.: Social integration of robots into groups of cockroaches to control self-organized choices. p1155 16 Nov 2007.
- Ham, Becky (AAAS News & Notes): Abelson seminar: searching for climate change's "tipping points." p1396 30 Nov 2007. *Science* receives Prince of Asturias Award. p1397 30 Nov 2007.
- Hambley, Trevor W.: Metal-based therapeutics (perspective). p1392 30 Nov 2007.
- Hamilton, Warren B.: Comment on "A vestige of Earth's oldest ophiolite" (technical comment). p746 2 Nov 2007. www.sciencemag.org/cgi/content/full/318/5851/746d.
- Hammer, Robert E. *See* Tabuchi, Katsuhiko.
- Hammond, Peter M. *See* Hunt, Toby.
- Hanna, Jacob; Wernig, Marius; Markoulaki, Styliani; Sun, Chiao-Wang; Meissner, Alexander; Cassady, John P.; Beard, Caroline; Brambrink, Tobias; Wu, Li-Chen; Townes, Tim M.; Jaenisch, Rudolf: Treatment of sickle cell anemia mouse model with iPS cells generated from autologous skin. p1920 21 Dec 2007.
- Hannon, Gregory J. *See* Aravin, Alexei A.
- Hanson, Brooks and Voss, David: Sunrise (news). p1571 7 Dec 2007.
- Hanson, Ian. *See* Kulmala, Markku.
- Hanson, Michael A. *See* Cherezov, Vadim. *See also* Rosenbaum, Daniel M.
- Hansteen, V. H. *See* De Pontieu, B.
- Hara, Hirohisa. *See* Sakao, Taro.
- Harden, J. W. *See* Van Oost, K.
- Harkins, Timothy T. *See* Korbel, Jan O.
- Harra, Louise K. *See* Sakao, Taro.
- Harris, Elizabeth H. *See* Merchant, Sabeeha S.
- Harrison, Roy M. *See* Kulmala, Markku.
- Hartigan, James. *See* Wood, Laura D.
- Hartmann, Dennis L. and Hendon, Harry H.: Resolving an atmospheric enigma (perspective). p1731 14 Dec 2007.
- Harvell, C. D. *See* Hoegh-Guldberg, O.
- Hastings, William D. *See* Anderson, Ana C.
- Hatziozios, M. E. *See* Hoegh-Guldberg, O.
- Haule, K. *See* Shim, J. H.
- Hause, Gerd. *See* Kay, Sabine.
- Hausmann, Michael. *See* Beyer, Mario.
- Hawkins, Phillip T. and Stephens, Len R.: PI3K γ is a key regulator of inflammatory responses and cardiovascular homeostasis. p64 5 Oct 2007.
- Hay, Alison. *See* Sutton, Tim.
- Hayashi, Yoshinobu; Lo, Nathan; Miyata, Hitoshi; Kitade, Osamu: Sex-linked genetic influence on caste determination in a termite. p985 9 Nov 2007.
- Hayes, Julie. *See* Sutton, Tim.
- Hays, Franklin A. *See* Menuz, Karen.
- Hayward, D. C. *See* Levy, O.
- Hazan, Ronen. *See* Kolodkin-Gal, Ilana.
- Hazel, Raphael D. *See* Manganas, Louis N.
- Heard, E. *See* Augui, S.
- Heckrath, G. *See* Van Oost, K.
- Hedman, Britt. *See* Dey, Abhishek.
- Heffner, Rickye S.: Speaking out about U.S. science output (letter). p913 9 Nov 2007.
- Heidemann, Martin. *See* Chapman, Rob D.
- Heino, Mikko. *See* Jørgensen, Christian.
- Heinrich, Paul V.: Pseudoscience in Bosnia (letter). p42 5 Oct 2007.
- Heit, Jeremy J. *See* Karnik, Satyajit K.
- Helgen, Kristofer M. *See* Janečka, Jan E.
- Hellmuth, Molly. *See* Patt, Anthony G.
- Hendon, Harry H. *See* Hartmann, Dennis L.
- Henn, Fritz. *See* Manganas, Louis N.
- Hennig, Jürgen. *See* Klein, Tilmann A.
- Hernandez de Borsetti, Nancy. *See* Rawashdeh, Oliver.
- Hewitson, Kirsty S. *See* Gerken, Thomas.
- Heyman, Karen (news): Hippocampal cells help rats think ahead. p900 9 Nov 2007.
- Heywood, Karen J. *See* Matthews, Adrian J.
- Hilairiet, Nadege; Reynard, Bruno; Wang, Yanbin; Daniel, Isabelle; Merkel, Sebastien; Nishiyama, Norimasa; Petitgirard, Sylvain: High-pressure creep of serpentine, interseismic deformation, and initiation of subduction. p1910 21 Dec 2007.
- Hilborn, R. W. *See* Grafton, R. Q.
- Hilgartner, Stephen: review of *A Life Decoded*, by J. Craig Venter. p1244 23 Nov 2007.
- Hill, Anita J. *See* Park, Ho Bum.
- Hill, M. E. *See* McNutt, R. L., Jr.
- Hilton, David R.: The leaking mantle (perspective). p1389 30 Nov 2007.
- Hincha, Dirk K. *See* Pouchkina-Stantcheva, Natalia N.
- Hiramatsu, Ryuji. *See* Fukuhara, Atsunori.
- Hirashima, Mitsuomi. *See* Anderson, Ana C.
- Hirsikko, Anne. *See* Kulmala, Markku.
- Hirt, Heribert. *See* Djamei, Armin.
- Hjernquist, Mårten B. *See* Sæther, Stein A.
- Ho, G. C. *See* McNutt, R. L., Jr.
- Ho, P.-C. *See* Qazilbash, M. M.
- Hobson, M. *See* Cruz, M.
- Hodgson, Keith O. *See* Dey, Abhishek.
- Hoegh-Guldberg, O. *See* Levy, O.
- Hoegh-Guldberg, O.; Mummy, P. J.; Hooten, A. J.; Steneck, R. S.; Greenfield, P.; Gomez, E.; Harvell, C. D.; Sale, P. F.; Edwards, A. J.; Caldeira, K.; Knowlton, N.; Eakin, C. M.; Iglesias-Prieto, R.; Muthiga, N.; Bradbury, R. H.; Dubi, A.; Hatziozios, M. E.: Coral reefs under rapid climate change and ocean acidification. p1737 14 Dec 2007.
- Hoegh-Guldberg, Ove. *See* Schuttenberg, Heidi.
- Höfer, U. *See* Güdde, J.
- Hoffman, Katherine E. *See* Brumfiel, Elizabeth M.
- Hofman, Karen J. *See* Madon, Temina.
- Hofreiter, Michael. *See* Lalueza-Fox, Carles.
- Hohenberg, Charles. *See* Meshik, Alex.
- Hohng, Sungchul; Zhou, Ruobo; Nahas, Michelle K.; Yu, Jin; Schulten, Klaus; Lilley, David M. J.; Ha, Taekjip: Fluorescence-force spectroscopy maps two-dimensional reaction landscape of the Holliday junction. p279 12 Oct 2007.
- Holden, Constance (news): Gene variant may influence how people learn from their mistakes. p1539 7 Dec 2007. New Jersey rejects bonds for stem cell institute. p1053 16 Nov 2007.
- Holden, Constance. *See* Vogel, Gretchen.
- Holder, R. L. *See* Thorpe, S. K. S.
- Holmes, Edward C. *See* Cox-Foster, Diana L.
- Holmes, Emily A.; Moulds, Michelle L.; Kavanagh, David: Memory suppression in PTSD treatment? (letter). p1722 14 Dec 2007.
- Hooten, A. J. *See* Hoegh-Guldberg, O.
- Hopfner, Karl-Peter. *See* Alt, Aaron.
- Höppe, Peter. *See* Bouwer, Laurens M.
- Hora, Joseph. *See* Baines, Kevin H.
- Hornig, Mady. *See* Cox-Foster, Diana L.
- Hotta, Carlos T. *See* Dodd, Antony N.
- Howarth, Richard B. and Norgaard, Richard B.: CO₂ emissions: getting bang for the buck (letter). p1865 21 Dec 2007.
- Howe, James M. *See* Eswaramoorthy, Santhana K.
- Howell, Owain. *See* Scheiermann, Christoph.
- Hrbek, J. *See* Rodriguez, J. A.
- Huang, Chuan-Hsiang; Mandelker, Diana; Schmidt-Kittler, Oleg; Samuels, Yardena; Velculescu, Victor E.; Kinzler, Kenneth W.; Vogelstein, Bert; Gabbelli, Sandra B.; Amzel, L. Mario: The structure of a human p110 α /p85 α complex elucidates the effects of oncogenic PI3K α mutations. p1744 14 Dec 2007.
- Huart, S. *See* Augui, S.
- Hubbard, Katharine E. *See* Dodd, Antony N.
- Huber, Julie A.; Mark Welch, David B.; Morrison, Hilary G.; Huse, Susan M.; Neal, Phillip R.; Butterfield, David A.; Sogin, Mitchell L.: Microbial population structures in the deep marine biosphere. p97 5 Oct 2007.
- Huber, Martin E. *See* Koshnick, Nicholas C.
- Hudson, Matthew E. *See* Toth, Amy L.
- Huete, Alfredo R. *See* Saleska, Scott R.
- Hughes, David. *See* Lalueza-Fox, Carles.
- Hui, Jeffrey. *See* Cox-Foster, Diana L.
- Hull, Craig. *See* Terry, Irene.
- Hunt, James H. *See* Toth, Amy L.
- Hunt, Toby; Bergsten, Johannes; Levkanicova, Zuzana; Papadopoulou, Anna; St. John, Oliver;

- Wild, Ruth; Hammond, Peter M.; Ahrens, Dirk; Balke, Michael; Caterino, Michael S.; Gómez-Zurita, Jesús; Ribera, Ignacio; Barraclough, Timothy G.; Bocakova, Milada; Bocak, Ladislav; Vogler, Alfried P.: A comprehensive phylogeny of beetles reveals the evolutionary origins of a superradiation. p1913 21 Dec 2007.
- Hurles, Matthew E. *See* Korbel, Jan O.
- Hurtley, Stella M. and Pennisi, Elizabeth (news): Journey to the center of the cell. p1399 30 Nov 2007.
- Hurtt, George C. *See* Chambers, Jeffrey Q.
- Huse, Susan M. *See* Huber, Julie A.
- Hutchinson, D. R. *See* Myers, M. D.
- Hutchinson, John N. *See* Gimelbrant, Alexander.
- Hutchinson, Stephen K. *See* Cox-Foster, Diana L. *See also* Toth, Amy L.
- Hwang, Jungwook. *See* Nallagatla, Subba Rao.
- Hyafil, Alexandre. *See* Koehlin, Etienne.
- I, J, and K**
- Ichimoto, K. *See* De Pontieu, B. *See also* Katsukawa, Y. *See also* Okamoto, T. J.
- Ichimoto, K.; Suematsu, Y.; Tsuneta, S.; Katsukawa, Y.; Shimizu, T.; Shine, R. A.; Tarbell, T. D.; Title, A. M.; Lites, B. W.; Kubo, M.; Nagata, S.: Twisting motions of sunspot penumbral filaments. p1597 7 Dec 2007.
- Ichimoto, Kiyoshi. *See* Shibata, Kazunari.
- Ichisaka, Tomoko. *See* Fukuhara, Atsunori.
- Iglesias-Prieto, R. *See* Hoegh-Guldberg, O.
- Iida, Fumiya. *See* Pfeifer, Rolf.
- Ijzermans, Jan. *See* van der Windt, Dirk J.
- Illies, Christopher; Gromada, Jesper; Fiume, Roberta; Leibiger, Barbara; Yu, Jia; Juhl, Kirstine; Yang, Shao-Nian; Barma, Deb K.; Falck, John R.; Saiardi, Adolfo; Barker, Christopher J.; Berggren, Per-Olof: Requirement of inositol pyrophosphates for full exocytotic capacity in pancreatic β cells. p1299 23 Nov 2007.
- Imaizumi, Takato. *See* Sawa, Mariko.
- Imaizumi, Takato; Kay, Steve A.; Schroeder, Julian I.: Daily watch on metabolism (perspective). p1730 14 Dec 2007.
- Imhof, Beat A. *See* Scheiermann, Christoph.
- Innes, John L. *See* Wang, Guangyu.
- Inoubli, Rabi. *See* Miaudet, Pierre.
- Isa, Tadashi. *See* Nishimura, Yukio.
- Isberg, Ralph R. *See* Machner, Matthias P.
- Isshiki, M. *See* Arakawa, K.
- Ivanov, Anton B. *See* Watters, Thomas R.
- Jackson, Ian J. *See* Dorin, Julia R.
- Jackson, Stephen P. *See* Kolas, Nadine K.
- Jacob, Leni and Lum, Lawrence: Deconstructing the Hedgehog pathway in development and disease. p66 5 Oct 2007.
- Jacobs, Gerald H. and Nathans, Jeremy: Response to comment on "Emergence of novel color vision in mice engineered to express a human cone photopigment" (technical comment). p196 12 Oct 2007. www.sciencemag.org/cgi/content/full/318/5848/196c.
- Jadzinsky, Pablo D.; Calero, Guillermo; Ackerson, Christopher J.; Bushnell, David A.; Kornberg, Roger D.: Structure of a thiol monolayer-protected gold nanoparticle at 1.1 Å resolution. p430 19 Oct 2007.
- Jaeger, Jochen A. G. *See* Girvetz, Evan H.
- Jaenisch, Rudolf. *See* Hanna, Jacob.
- Jagutzki, O. *See* Akoury, D.
- Jahnke, T. *See* Akoury, D.
- Jakobsen, Mia Kyed. *See* Dodd, Antony N.
- Janečka, Jan E.; Miller, Webb; Pringle, Thomas H.; Wiens, Frank; Zitzmann, Annette; Helgen, Kristofer M.; Springer, Mark S.; Murphy, William J.: Molecular and genomic data identify the closest living relative of primates. p792 2 Nov 2007.
- Jeffrey, Philip D. *See* Feng, Liang.
- Jenney, Francis E., Jr. *See* Dey, Abhishek.
- Jennings, D. E. *See* Reuter, D. C.
- Jennings, Donald E. *See* Baines, Kevin H.
- Jensen, Keith; Call, Josep; Tomasello, Michael: Chimpanzees are rational maximizers in an ultimatum game. p107 5 Oct 2007.
- Jeoung, Jae-Hun and Dobbek, Holger: Carbon dioxide activation at the Ni₂Fe-cluster of anaerobic carbon monoxide dehydrogenase. p1461 30 Nov 2007.
- Jessup, K. L. *See* Spencer, J. R.
- JGI Annotation Team. *See* Merchant, Sabeeha S.
- Jha, P. *See* Sgaier, S. K.
- Jiang, Yu. *See* Bai, Xiaochun.
- Jin, R. *See* Moore, R. G.
- Johnston, Christopher A.; Temple, Brenda R.; Chen, Jin-Gui; Gao, Yajun; Moriyama, Etsuko N.; Jones, Alan M.; Siderovski, David P.; Willard, Francis S.: Comment on "A G protein-coupled receptor is a plasma membrane receptor for the plant hormone abscisic acid" (technical comment). p914 9 Nov 2007. www.sciencemag.org/cgi/content/full/318/5852/914c.
- Johnston, Fiona. *See* Jørgensen, Christian.
- Jones, Alan M. *See* Johnston, Christopher A.
- Jones, Cameron. *See* Green, Shaun P.
- Jones, Cheryl (news): Moonlight sonata on the reef. p1715 14 Dec 2007. Whiter shades of pale. p1716 14 Dec 2007.
- Jones, Christopher D. *See* Nakata, Michi.
- Jones, Siân. *See* Wood, Laura D.
- Jonsdottir, Gudrun A. *See* Yu, Junying.
- Jordan, Tina. *See* Römer, Patrick.
- Jørgensen, Christian; Enberg, Katja; Dunlop, Erin S.; Arlinghaus, Robert; Boukal, David S.; Brander, Keith; Ernande, Bruno; Gärdmark, Anna; Johnston, Fiona; Matsumura, Shuichi; Pardoe, Heidi; Raab, Kristina; Silva, Alexandra; Vainikka, Anssi; Dieckmann, Ulf; Heino, Mikko; Rijnsdorp, Adriaan D.: Managing evolving fish stocks. p1247 23 Nov 2007.
- Jovanovic, Zorica. *See* Gerken, Thomas.
- Juarez, Raquel. *See* Brissett, Nigel C.
- Juhl, Kirstine. *See* Illies, Christopher.
- Jung, Chul Ho. *See* Park, Ho Bum.
- Junninen, Heikki. *See* Kulmala, Markku.
- Jurewicz, Amy J. G. *See* Meshik, Alex.
- Kacelnik, Alex. *See* Rutz, Christian.
- Kadowaki, K. *See* Ozyuzer, L.
- Kaelin, Christopher B. *See* Candille, Sophie I.
- Kahn, Jonathan. *See* Bolnick, Deborah A.
- Kaimoyo, Evans. *See* Park, Sang-Wook.
- Kaiser, Christian R.: Simmering, not boiling (perspective). p404 19 Oct 2007.
- Kaiser, Jocelyn (news): Gene transfer an unlikely contributor to patient's death. p1535 7 Dec 2007. It's all about me. p1843 21 Dec 2007. Lawmakers worry that lab expansion poses risks. p182 12 Oct 2007. Privacy policies take a toll on research, survey finds. p1049 16 Nov 2007. Who owns glycobiology? p734 2 Nov 2007.
- Kalkstein, Abby L. *See* Cox-Foster, Diana L.
- Kam, Monica. *See* Curtis, Maurice A.
- Kaminker, Joshua S. *See* Wood, Laura D.
- Kamp, L. *See* Spencer, J. R.
- Kanai, Akio. *See* Soma, Akiko.
- Kane, Lawrence P. *See* Anderson, Ana C.
- Kaner, Richard B. *See* Chung, Hsiu-Ying.
- Kang, Hae Joo; Coulibaly, Fasséli; Clow, Fiona; Proft, Thomas; Baker, Edward N.: Stabilizing isopeptide bonds revealed in gram-positive bacterial pilus structure. p1625 7 Dec 2007.
- Kano, R. *See* Certain, J. W.
- Kano, Ryouhei. *See* Aulanier, Guillaume. *See also* Reale, Fabio. *See also* Sakao, Taro.
- Kapitonov, Vladimir V. *See* Merchant, Sabeeha S.
- Karchin, Rachel. *See* Wood, Laura D.
- Karin, Michael: Estrogen and tumors: for better or for worse? (letter). p1239 23 Nov 2007.
- Karman, Jozsef. *See* Anderson, Ana C.
- Karnik, Satyajit K.; Chen, Hainan; McLean, Graeme W.; Heit, Jeremy J.; Gu, Xueying; Zhang, Andrew Y.; Fontaine, Magali; Yen, Michael H.; Kim, Seung K.: Menin controls growth of pancreatic β -cells in pregnant mice and promotes gestational diabetes mellitus. p806 2 Nov 2007.
- Karpowicz, Steven J. *See* Merchant, Sabeeha S.
- Kassam, Nasim. *See* Anderson, Ana C.
- Katsukawa, Y. *See* De Pontieu, B. *See also* Ichimoto, K. *See also* Okamoto, T. J.
- Katsukawa, Y.; Berger, T. E.; Ichimoto, K.; Lites, B. W.; Nagata, S.; Shimizu, T.; Shine, R. A.; Suematsu, Y.; Tarbell, T. D.; Title, A. M.; Tsuneta, S.: Small-scale jetlike features in penumbral chromospheres. p1594 7 Dec 2007.
- Katsukawa, Yukio. *See* Sakao, Taro. *See also* Shibata, Kazunari.
- Kaufman, Jay S. *See* Bolnick, Deborah A.
- Kaushik, Amit K. *See* Podsiadlo, Paul.
- Kavanagh, David. *See* Holmes, Emily A.
- Kavner, Abby. *See* Chung, Hsiu-Ying.
- Kawamura, Fujio. *See* Soma, Akiko.
- Kawate, Tomoko. *See* Shibata, Kazunari.
- Kay, Sabine; Hahn, Simone; Marois, Eric; Hause, Gerd; Bonas, Ulla: A bacterial effector acts as a plant transcription factor and induces a cell size regulator. p648 26 Oct 2007.
- Kay, Steve A. *See* Imaizumi, Takato. *See also* Sawa, Mariko.
- Kayagaki, Nobuhiko; Phung, Qui; Chan, Salina; Chaudhari, Ruchir; Quan, Casey; O'Rourke, Karen M.; Eby, Michael; Pietras, Eric; Cheng, Genhong; Bazan, J. Fernando; Zhang, Zemin; Arnott, David; Dixit, Vishva M.: DUBA: a deubiquitinase that regulates type I interferon production. p1628 7 Dec 2007.
- Keilmann, F. *See* Qazilbash, M. M.
- Keim, Paul S.: review of *Are We Ready?* by David Rosner and Gerald Markowitz. p396 19 Oct 2007.
- Keimer, B. *See* Chakhalian, J.
- Kelly, Priscilla N. *See* Adams, Jerry M.
- Kennedy, B. Mack and van Soest, Matthijs C.: Flow of mantle fluids through the ductile lower crust: helium isotope trends. p1433 30 Nov 2007.
- Kennedy, Donald (editorials): Approaching science. p715 2 Nov 2007. Bill Golden. p887 9 Nov 2007. Breakthrough of the year. p1833 21 Dec 2007. Sputnik nostalgia. p17 5 Oct 2007. Toxic dilemmas. p1217 23 Nov 2007. Year of the reef. p1695 14 Dec 2007.
- Kennedy, James A.; Barabé, Frédéric; Poepl, Armando G.; Wang, Jean C. Y.; Dick, John E.: Comment on "Tumor growth need not be driven by rare cancer stem cells" (technical comment). p1722 14 Dec 2007. www.sciencemag.org/cgi/content/full/318/5857/1722c.
- Kerminen, Veli-Matti. *See* Kulmala, Markku.
- Kerns, Julie A. *See* Candille, Sophie I.
- Kerr, Richard A. (news): Did an asteroid shower kick-start the great diversification? p1854 21 Dec 2007. Global warming coming home to roost in the American West. p1859 21 Dec 2007. How urgent is climate change? p1230 23 Nov 2007. Is battered Arctic sea ice down for the count? p33 5 Oct 2007. Majority rules in finding a path for the next Mars rover. p908 9 Nov 2007. Piercing the San Andreas's heart, but missing a vital target. p183 12 Oct 2007.
- Kerr, Richard A. and Kintisch, Eli (news): Nobel Peace Prize won by host of scientists and one crusader. p372 19 Oct 2007.
- Kerr, Richard A. *See* Kintisch, Eli.
- Keyser, Andre W. *See* Lockwood, Charles A.
- Khaliullin, G. *See* Chakhalian, J.
- Khanna, Kamal M.; McNamara, Jeffery T.; Lefrançois, Leo: In situ imaging of the endogenous CD8 T cell response to infection. p116 5 Oct 2007.
- Khoraiuli, Lela. *See* Azzalin, Claus M.
- Khosla, A. *See* Prasad, G. V. R.

- Kihara, Shinji. *See* Fukuhara, Atsunori.
- Kim, Bong-Jun. *See* Qazilbash, M. M.
- Kim, Choongik; Facchetti, Antonio; Marks, Tobin J.: Polymer gate dielectric surface viscoelasticity modulates pentacene transistor performance. p76 5 Oct 2007.
- Kim, Francis. *See* Wisse, Brent E.
- Kim, Hyun-Tak. *See* Qazilbash, M. M.
- Kim, Philip M. *See* Korbel, Jan O.
- Kim, Seung K. *See* Karnik, Satyajit K.
- Kimmelman, Alec C. *See* Stommel, Jayne M.
- Kintisch, Eli (news): CDC director's message on risk runs afoul of White House edits. p726 2 Nov 2007. Grassroots effort pays dividends on presidential campaign trail. p1850 21 Dec 2007. National academies make case for sustainable growth. p547 26 Oct 2007. Scientists say continued warming warrants closer look at drastic fixes. p1054 16 Nov 2007. Senate bill would provide billions for deploying cleaner technologies. p1708 14 Dec 2007. Should oceanographers pump iron? p1368 30 Nov 2007. Tinkering with the climate to get hearing at Harvard meeting. p551 26 Oct 2007.
- Kintisch, Eli and Kerr, Richard A. (news): Global warming, hotter than ever. p1846 21 Dec 2007.
- Kintisch, Eli. *See* Kerr, Richard A.
- Kinzler, Kenneth W. *See* Huang, Chuan-Hsiang. *See also* Wood, Laura D.
- Kishimoto, Kae. *See* Fukuhara, Atsunori.
- Kitade, Osamu. *See* Hayashi, Yoshinobu.
- Kitai, Reizaburo. *See* Shibata, Kazunari.
- Klein, Tilmann A.; Neumann, Jane; Reuter, Martin; Hennig, Jürgen; von Cramon, D. Yves; Ullsperger, Markus: Genetically determined differences in learning from errors. p1642 7 Dec 2007.
- Kleiner, Reinhold: Filling the terahertz gap (perspective). p1254 23 Nov 2007.
- Klessig, Daniel F. *See* Park, Sang-Wook.
- Kloor, Keith (news): The vanishing Fremont. p1540 7 Dec 2007.
- Knowles, Thomas P.; Fitzpatrick, Anthony W.; Meehan, Sarah; Mott, Helen R.; Vendruscolo, Michele; Dobson, Christopher M.; Welland, Mark E.: Role of intermolecular forces in defining material properties of protein nanofibrils. p1900 21 Dec 2007.
- Knowlton, N. *See* Hoegh-Guldberg, O.
- Kobilka, Brian K. *See* Cherezov, Vadim. *See also* Rosenbaum, Daniel M.
- Kobilka, Tong Sun. *See* Cherezov, Vadim. *See also* Rosenbaum, Daniel M.
- Koch, Jeremy. *See* Brady, Siobhan M.
- Koch, S. W. *See* Güdde, J.
- Kockelkorn, Daniel. *See* Berg, Ivan A.
- Koehlin, Etienne and Hyafil, Alexandre: Anterior prefrontal function and the limits of human decision-making. p594 26 Oct 2007.
- Koenig, Robert (news): Camel scientists ask: what's sinking the ships of the desert? p1372 30 Nov 2007. 'Camelized' antibodies make waves. p1373 30 Nov 2007. Few mutations divide some drug-resistant TB strains. p901 9 Nov 2007.
- Kok, Niels F. M. *See* van der Windt, Dirk J.
- Kolas, Nadine K.; Chapman, J. Ross; Nakada, Shinichiro; Ylanko, Jarkko; Chahwan, Richard; Sweeney, Frédéric D.; Panier, Stephanie; Mendez, Megan; Wildenhain, Jan; Thomson, Timothy M.; Pelletier, Laurence; Jackson, Stephen P.; Durocher, Daniel: Orchestration of the DNA-damage response by the RNF8 ubiquitin ligase. p1637 7 Dec 2007.
- Kolodkin-Gal, Ilana; Hazan, Ronen; Gaathon, Ariel; Carmeli, Shmuel; Engelberg-Kulka, Hanna: A linear pentapeptide is a quorum-sensing factor required for *mazEF*-mediated cell death in *Escherichia coli*. p652 26 Oct 2007.
- Kolter, Roberto: Deadly priming (perspective). p578 26 Oct 2007.
- Kompas, T. *See* Grafton, R. Q.
- König, Kai. *See* Beyer, Mario.
- König, Markus; Wiedmann, Steffen; Brüne, Christoph; Roth, Andreas; Buhmann, Hartmut; Molenkamp, Laurens W.; Qi, Xiao-Liang; Zhang, Shou-Cheng: Quantum spin Hall insulator state in HgTe quantum wells. p766 2 Nov 2007.
- Koppens, F. H. L. *See* Nowack, K. C.
- Korbel, Jan O.; Urban, Alexander Eckehart; Affourtit, Jason P.; Godwin, Brian; Grubert, Fabian; Simons, Jan Fredrik; Kim, Philip M.; Palejev, Dean; Carriero, Nicholas J.; Du, Lei; Taillon, Bruce E.; Chen, Zhoutao; Tanzer, Andrea; Saunders, A. C. Eugenia; Chi, Jianxiang; Yang, Fengtang; Carter, Nigel P.; Hurler, Matthew E.; Weissman, Sherman M.; Harkins, Timothy T.; Gerstein, Mark B.; Egholm, Michael; Snyder, Michael: Paired-end mapping reveals extensive structural variation in the human genome. p420 19 Oct 2007.
- Körding, Konrad: Decision theory: what "should" the nervous system do? p606 26 Oct 2007.
- Kornberg, Roger D. *See* Jadzinsky, Pablo D.
- Korreck, Kelly E. *See* Sakao, Taro.
- Köser, Joachim. *See* Lim, Roderick Y. H.
- Koshelev, A. E. *See* Ozyuzer, L.
- Koshnick, Nicholas C.; Bluhm, Hendrik; Huber, Martin E.; Moler, Kathryn A.: Fluctuation superconductivity in mesoscopic aluminum rings. p1440 30 Nov 2007.
- Kosmas, C. *See* Van Oost, K.
- Koss, Leopold G. and Melamed, Myron R.: Cancer filter déjà vu (letter). p1864 21 Dec 2007.
- Kotliar, G. *See* Shim, J. H.
- Kotoku, Jun'ichi. *See* Sakao, Taro.
- Kotov, Nicholas A. *See* Podsiadlo, Paul.
- Kozioł, Krzysztof; Vilatela, Juan; Moissala, Anna; Motta, Marcelo; Cunniff, Philip; Sennett, Michael; Windle, Alan: High-performance carbon nanotube fiber. p1892 21 Dec 2007.
- Kraft, Daniel. *See* Czechowicz, Agnieszka.
- Krakauer, David C.: review of *Dynamics of Cancer*, by Steven A. Frank. p1070 16 Nov 2007.
- Král, Miroslav. *See* Sæther, Stein A.
- Krasnow, Max M.; Truxaw, Danielle; New, Joshua; Gaulin, Steven J. C.: Shopping for explanations (letter). p745 2 Nov 2007.
- Kreidi, K. *See* Akoury, D.
- Kremmer, Elisabeth. *See* Chapman, Rob D.
- Krimigis, S. M. *See* McNutt, R. L., Jr.
- Krkošek, Martin; Ford, Jennifer S.; Morton, Alexandra; Lele, Subhash; Myers, Ransom A.; Lewis, Mark A.: Declining wild salmon populations in relation to parasites from farm salmon. p1772 14 Dec 2007.
- Krupp, Norbert: New surprises in the largest magnetosphere of our solar system. p216 12 Oct 2007.
- Kubo, M. *See* Ichimoto, K.
- Kubo, Masahito. *See* Sakao, Taro.
- Kuch, David. *See* Alt, Aaron.
- Kuchroo, Vijay K. *See* Anderson, Ana C.
- Kuhn, Peter. *See* Cherezov, Vadim.
- Kulmala, Markku; Riipinen, Iloa; Sipilä, Mikko; Manninen, Hanna E.; Petäjä, Tuukka; Junninen, Heikki; Dal Maso, Miikka; Mordas, Genrik; Mirme, Aadu; Vana, Marko; Hirsikko, Anne; Laakso, Lauri; Harrison, Roy M.; Hanson, Ian; Leung, Carl; Lehtinen, Kari E. J.; Kerminen, Veli-Matti: Toward direct measurement of atmospheric nucleation. p89 5 Oct 2007.
- Kumar, Anoop; Godwin, James W.; Gates, Phillip B.; Garza-Garcia, A. Acely; Brockes, Jeremy P.: Molecular basis for the nerve dependence of limb regeneration in an adult vertebrate. p772 2 Nov 2007.
- Kumar, Dharendra. *See* Park, Sang-Wook.
- Kumar, R. *See* Sgaier, S. K.
- Kuniholm, Mark H.: Replicating genome-wide association studies (letter). p390 19 Oct 2007.
- Kunze, E.; Dower, J. F.; Dewey, R.; D'Asaro, E. A.: Mixing it up with krill (letter). p1239 23 Nov 2007.
- Kunze, Gernot. *See* Drissner, David.
- Kupfer, Linda. *See* Madon, Temina.
- Kuramoto, S. *See* Moore, G. F.
- Kurpad, A. *See* Sgaier, S. K.
- Kurter, C. *See* Ozyuzer, L.
- Kusterer, M. *See* McNutt, R. L., Jr.
- Kuzawa, Christopher W. *See* Brumfiel, Elizabeth M.
- Kwok, W.-K. *See* Ozyuzer, L.

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- Laakso, Lauri. *See* Kulmala, Markku.
- LaBaugh, J. W. *See* Myers, M. D.
- Lahann, Joerg. *See* Podsiadlo, Paul.
- Lahav, O. *See* Yermiyahu, U.
- Lahaye, Thomas. *See* Römer, Patrick.
- Lakoff, Robin: review of *The Stuff of Thought*, by Steven Pinker. p1384 30 Nov 2007.
- Lakshmi, V. *See* Sgaier, S. K.
- Lalueza-Fox, Carles; Römpler, Holger; Caramelli, David; Stäubert, Claudia; Catalano, Giulio; Hughes, David; Rohland, Nadin; Pilli, Elena; Longo, Laura; Condemi, Silvana; de la Rasilla, Marco; Fortea, Javier; Rosas, Antonio; Stoneking, Mark; Schönberg, Torsten; Bertranpetit, Jaume; Hofreiter, Michael: A melanocortin 1 receptor allele suggests varying pigmentation among Neanderthals. p1453 30 Nov 2007.
- Lamborg, Carl: A new twist for Mercury (perspective). p402 19 Oct 2007.
- Lammens, Alfred. *See* Alt, Aaron.
- Lammens, Katja. *See* Alt, Aaron.
- Lamond, Angus I. *See* Trinkle-Mulcahy, Laura.
- Landers, A. L. *See* Akoury, D.
- Landis, Clark R. *See* Weinhold, Frank.
- Landweber, Laura F.: Why genomes in pieces? (perspective). p405 19 Oct 2007.
- Lane, Earl: AAAS names science journalism winners (AAAS News & Notes). p1886 21 Dec 2007.
- Lane, William S. *See* Rust, Michael J.
- Langer, Gary: Counting on embryos (letter). p566 26 Oct 2007.
- Langridge, Peter. *See* Sutton, Tim.
- Lanza, Robert: Stem cell breakthrough: don't forget ethics (letter). p1865 21 Dec 2007.
- Larson, Ronald G.: Going with the flow (perspective). p57 5 Oct 2007.
- Latham, David. *See* Gaidos, Eric.
- Laurance, William F.: Switch to corn promotes Amazon deforestation (letter). p1721 14 Dec 2007.
- LaVail, Matthew M. *See* Lin, Jonathan H.
- Laver, Conor. *See* Ádámkóvics, Máté.
- Lavine, Marc S.; Voss, David; Coontz, Robert (news): A robotic future. p1083 16 Nov 2007.
- Lazar, Mitchell A. *See* Yin, Lei.
- Leary, Rebecca J. *See* Wood, Laura D.
- Lee, Haeshin; Dellatore, Shara M.; Miller, William M.; Messersmith, Phillip B.: Mussel-inspired surface chemistry for multifunctional coatings. p426 19 Oct 2007.
- Lee, Ji-Young. *See* Brady, Siobhan M.
- Lee, Min Gyu; Villa, Raffaella; Trojer, Patrick; Norman, Jessica; Yan, Kai-Ping; Reinberg, Danny; Di Croce, Luciano; Shiekhattar, Ramin: Demethylation of H3K27 regulates polycomb recruitment and H2A ubiquitination. p447 19 Oct 2007.
- Lee, Young Moo. *See* Park, Ho Bum.
- Leek, P. J.; Fink, J. M.; Blais, A.; Bianchetti, R.; Göppl, M.; Gambetta, J. M.; Schuster, D. I.; Frunzio, L.; Schoelkopf, R. J.; Wallraff, A.: Observation of Berry's phase in a solid-state qubit. p1889 21 Dec 2007.
- Lefrançois, Leo. *See* Khanna, Kamal M.
- Leggat, W. *See* Levy, O.
- Lehman, I. R. *See* Berg, Paul.
- Lehman, Scott J. *See* Barrows, Timothy T.
- Lehtinen, Kari E. J. *See* Kulmala, Markku.
- Lei, Charles. *See* Anderson, Ana C.

- Lei, Jiafu. *See* Wang, Guangyu.
- Leibe, Klaus. *See* Beyer, Mario.
- Leibiger, Barbara. *See* Illies, Christopher.
- Leitchenkov, G. *See* Whittaker, J. M.
- Lele, Subhash. *See* Krkošek, Martin.
- Lenggenhager, Bigna; Tadi, Tej; Metzinger, Thomas; Blanke, Olaf: Virtual reality and telepresence (letter). p1240 23 Nov 2007.
- Lescano, Andres G.; Salmon-Mulanovich, Gabriela; Pedroni, Elena; Blazes, David L.: Outbreak investigation and response training. p574 26 Oct 2007.
- Leshner, Alan I. and Turekian, Vaughan: Chinese science on the move (editorial). p1523 7 Dec 2007.
- Leslie, Mitch (news): At long last, pathologists hear plants' cry for help. p31 5 Oct 2007.
- Lester, Benjamin (news): Greening the meeting. p36 5 Oct 2007. Offsets: worth the price of emission? p37 5 Oct 2007. Robots' allure: can it remedy what ails computer science? p1086 16 Nov 2007.
- Lester, Benjamin. *See* Cohen, Jon.
- Leung, Carl. *See* Kulmala, Markku.
- Leuschen, Carl J. *See* Watters, Thomas R.
- Levine, Brian. *See* Rosenbaum, R. Shayna.
- Levine, Jonathan B. *See* Chung, Hsiu-Ying.
- Levkancova, Zuzana. *See* Hunt, Toby.
- Levy, O.; Appelbaum, L.; Leggat, W.; Gothlif, Y.; Hayward, D. C.; Miller, D. J.; Hoegh-Guldberg, O.: Light-responsive cryptochromes from a simple multicellular animal, the coral *Acropora millepora*. p467 19 Oct 2007.
- Lewis, Mark A. *See* Krkošek, Martin.
- Li, Han. *See* Lin, Jonathan H.
- Li, Q. *See* Ozyuzer, L.
- Li, Wei. *See* Liu, Xigang.
- Li, Yao. *See* Manganas, Louis N.
- Light, P. S. *See* Couny, F.
- Ligon, Keith L. *See* Stommel, Jayne M.
- Lilley, David M. J. *See* Hohng, Sungchul.
- Lim, Roderick Y. H.; Fahrenkrog, Birthe; Köser, Joachim; Schwarz-Herion, Kyrill; Deng, Jie; Aebi, Ueli: Nanomechanical basis of selective gating by the nuclear pore complex. p640 26 Oct 2007.
- Lin, Jimmy. *See* Wood, Laura D.
- Lin, Jonathan H.; Li, Han; Yasumura, Douglas; Cohen, Hannah R.; Zhang, Chao; Panning, Barbara; Shokat, Kevan M.; LaVail, Matthew M.; Walter, Peter: IRE1 signaling affects cell fate during the unfolded protein response. p944 9 Nov 2007.
- Lin, Rongcheng; Ding, Lei; Casola, Claudio; Ripoll, Daniel R.; Feschotte, Cédric; Wang, Haiyang: Transposase-derived transcription factors regulate light signaling in *Arabidopsis*. p1302 23 Nov 2007.
- Lindahl, Tomas. *See* Gerken, Thomas.
- Lindenstruth, Volker. *See* Beyer, Mario.
- Lindquist, Erika. *See* Merchant, Sabeeha S.
- Lingner, Joachim. *See* Azzalin, Claus M.
- Lipkin, W. Ian. *See* Cox-Foster, Diana L.
- Lites, B. W. *See* Ichimoto, K. *See also* Katsukawa, Y. *See also* Okamoto, T. J.
- Lites, Bruce W. *See* Shibata, Kazunari.
- Liu, Anling. *See* Bai, Xiaochun.
- Liu, Hongjun and Finkel, Toren: Of aging mice and men (letter). p390 19 Oct 2007.
- Liu, P. *See* Rodriguez, J. A.
- Liu, Shu-Sheng; De Barro, P. J.; Xu, Jing; Luan, Jun-Bo; Zang, Lian-Sheng; Ruan, Yong-Ming; Wan, Fang-Hao: Asymmetric mating interactions drive widespread invasion and displacement in a whitefly. p1769 14 Dec 2007.
- Liu, Xigang; Yue, Yanling; Li, Wei; Ma, Ligeng: Response to comment on "A G protein-coupled receptor is a plasma membrane receptor for the plant hormone abscisic acid" (technical comment). p914 9 Nov 2007. www.sciencemag.org/cgi/content/full/318/5852/914d.
- Liu, Xinran. *See* Tabuchi, Katsuhiko.
- Liu, Yongjian. *See* Bai, Xiaochun.
- Livi, S. *See* McNutt, R. L., Jr.
- Lo, Nathan. *See* Hayashi, Yoshinobu.
- Lobrinus, Alexander. *See* Scheiermann, Christoph.
- Lockwood, Charles A.; Menter, Colin G.; Moggi-Cecchi, Jacopo; Keyser, Andre W.: Extended male growth in a fossil hominin species. p1443 30 Nov 2007.
- Longo, Laura. *See* Lalueza-Fox, Carles.
- Loope, David B. *See* Rowe, Clinton M.
- Lopatto, David. *See* Denofrio, Lauren A.
- Lopes, R. M. C. *See* Retherford, K. D. *See also* Spencer, J. R.
- López, Idalia. *See* Soberón, Mario.
- Lorimer, D. R.; Bailes, M.; McLaughlin, M. A.; Narkevic, D. J.; Crawford, F.: A bright millisecond radio burst of extragalactic origin. p777 2 Nov 2007.
- Love, John. *See* Dodd, Antony N.
- Lu, Peter J. and Steinhardt, Paul J.: Response to comment on "Decagonal and quasi-crystalline tilings in medieval Islamic architecture" (technical comment). p1383 30 Nov 2007. www.sciencemag.org/cgi/content/full/318/5855/1383b.
- Lu, Yi. *See* Denofrio, Lauren A.
- Luan, Jun-Bo. *See* Liu, Shu-Sheng.
- Lucas, Susan M. *See* Merchant, Sabeeha S.
- Lucero, Jacinta. *See* Behrens, M. Margarita.
- Lukas, Jiri. *See* Groth, Anja.
- Lum, Lawrence. *See* Jacob, Leni.
- Lundquist, L. *See* Curtain, J. W.
- Lundquist, Loraine L. *See* Aulanier, Guillaume. *See also* Sakao, Taro.
- Lungarella, Max. *See* Pfeifer, Rolf.
- Lunsford, A. *See* Grundy, W. M. *See also* Retherford, K. D. *See also* Reuter, D. C. *See also* Spencer, J. R.
- Lunsford, Allen. *See* Baines, Kevin H.
- Lutz, Susanne; Shankaranarayanan, Aruna; Coco, Cassandra; Ridilla, Marc; Nance, Mark R.; Vettel, Christiane; Baltus, Doris; Evelyn, Chris R.; Neubig, Richard R.; Wieland, Thomas; Tesmer, John J. G.: Structure of Gα_q-p63RhoGEF-RhoA complex reveals a pathway for the activation of RhoA by GPCRs. p1923 21 Dec 2007.
- Lyerly, Anne Drapkin and Faden, Ruth R.: Counting on embryos (letter). p566 26 Oct 2007.
- Ma, Dongzhu. *See* Bai, Xiaochun.
- Ma, Ligeng. *See* Liu, Xigang.
- Ma, Marcella. *See* Gerken, Thomas.
- Ma, Minglin. *See* Tuteja, Anish.
- Ma, S. *See* Rodriguez, J. A.
- Ma, Zhong. *See* Stites, Edward C.
- Mabry, Jennifer. *See* Meshik, Alex.
- Mabry, Joseph M. *See* Tuteja, Anish.
- MacDonald, Ian M.; Brooks, Brian P.; Sieving, Paul A.: Eyeing a new network. p1068 16 Nov 2007.
- Mace, Daniel. *See* Brady, Siobhan M.
- Macherel, David. *See* Pouchkina-Stantcheva, Natalia N.
- Machner, Matthias P. and Isberg, Ralph R.: A bifunctional bacterial protein links GDI displacement to Rab1 activation. p974 9 Nov 2007.
- Macquaker, Joe H. S. and Bohacs, Kevin M.: On the accumulation of mud (perspective). p1734 14 Dec 2007.
- Madani, Rime. *See* Scheiermann, Christoph.
- Madden, John D.: Mobile robots: motor challenges and materials solutions. p1094 16 Nov 2007.
- Madon, Temina; Hofman, Karen J.; Kupfer, Linda; Glass, Roger I.: Implementation science. p1728 14 Dec 2007.
- Mailhammer, Reinhard. *See* Chapman, Rob D.
- Majumder, Abhijit; Ghatak, Animangsu; Sharma, Ashutosh: Microfluidic adhesion induced by sub-surface microstructures. p258 12 Oct 2007.
- Makishima, Makoto. *See* Fukuhara, Atsunori.
- Makous, Walter: Comment on "Emergence of novel color vision in mice engineered to express a human cone photopigment" (technical comment). p196 12 Oct 2007. www.sciencemag.org/cgi/content/full/318/5848/196b.
- Makovicky, Emil: Comment on "Decagonal and quasi-crystalline tilings in medieval Islamic architecture" (technical comment). p1383 30 Nov 2007. www.sciencemag.org/cgi/content/full/318/5855/1383a.
- Malcomson, Heather; Suter, Sherman; Jasny, Barbara, Eds.: *Science Books for Fun and Learning—Some Recommendations from 2007*. p1552 7 Dec 2007.
- Maletić-Savatić, Mirjana. *See* Manganas, Louis N.
- Mandelker, Diana. *See* Huang, Chuan-Hsiang.
- Mandrus, D. *See* Moore, R. G.
- Manganas, Louis N.; Zhang, Xueying; Li, Yao; Hazel, Raphael D.; Smith, S. David; Wagshul, Mark E.; Henn, Fritz; Benveniste, Helene; Djurić, Petar M.; Enikolopov, Grigori; Maletić-Savatić, Mirjana: Magnetic resonance spectroscopy identifies neural progenitor cells in the live human brain. p980 9 Nov 2007.
- Manninen, Hanna E. *See* Kulmala, Markku.
- Mansouri, Farshad A.; Buckley, Mark J.; Tanaka, Keiji: Mnemonic function of the dorsolateral prefrontal cortex in conflict-induced behavioral adjustment. p987 9 Nov 2007.
- Maple, M. B. *See* Qazilbash, M. M.
- Marande, William and Burger, Gertraud: Mitochondrial DNA as a genomic jigsaw puzzle. p415 19 Oct 2007.
- Marchis, F. *See* Spencer, J. R.
- Maréchal-Drouard, Laurence. *See* Merchant, Sabeeha S.
- Maresca, M. *See* Augui, S.
- Marjeta, Milica A. *See* Colón-Ramos, Daniel A.
- Mark Welch, David. *See* Meselson, Matthew.
- Mark Welch, David B. *See* Huber, Julie A.
- Markoulaki, Styliani. *See* Hanna, Jacob.
- Markowitz, Sanford D. *See* Wood, Laura D.
- Marks, Jonathan. *See* Bolnick, Deborah A.
- Marks, Tobin J. *See* Kim, Choongik.
- Markson, Joseph S. *See* Rust, Michael J.
- Marland, Gregg; Obersteiner, Michael; Schlamadinger, Bernhard: The carbon benefits of fuels and forests (letter). p1066 16 Nov 2007.
- Marois, Eric. *See* Kay, Sabine.
- Marques da Silva, J. R. *See* Van Oost, K.
- Marrocchi, Yves. *See* Meshik, Alex.
- Marshall, Bruce A. *See* Foote, Michael.
- Marshall, Peter J. *See* Nelson, Charles A., III.
- Marshall, Wallace F. *See* Merchant, Sabeeha S.
- Marti, Kurt: Sampling the Sun (perspective). p401 19 Oct 2007.
- Martínez-González, E. *See* Cruz, M.
- Martinoli, A. *See* Halloy, J.
- Martinson, Vince. *See* Cox-Foster, Diana L.
- Marx, Jean (news): Evidence linking *DISC1* gene to mental illness builds. p1062 16 Nov 2007. Fresh evidence points to an old suspect: calcium. p384 19 Oct 2007.
- Matcham, Iain. *See* Foote, Michael.
- Mather, John C.: Science and Sputnik (perspective). p52 5 Oct 2007.
- Mathew, T. *See* Rodríguez, J. P.
- Matsuda, Morihiro. *See* Fukuhara, Atsunori.
- Matsukawa, Yoshitaka and Zinkle, Steven J.: One-dimensional fast migration of vacancy clusters in metals. p959 9 Nov 2007.
- Matsuki, Yasushi. *See* Fukuhara, Atsunori.
- Matsumoto, Takuma. *See* Shibata, Kazunari.
- Matsumura, Shuichi. *See* Jorgensen, Christian.
- Matsuzaki, Keiichi. *See* Sakao, Taro.
- Matsuzawa, Yuji. *See* Fukuhara, Atsunori.
- Matthews, Adrian J.; Singhruck, Patama; Heywood, Karen J.: Deep ocean impact of a Madden-Julian Oscillation observed by Argo floats. p1765 14 Dec 2007.
- Matthews, Robert (news): The B cell slayer. p1232 23 Nov 2007.
- Maugey, Maryse. *See* Miaudet, Pierre.
- Mauk, B. H. *See* McNutt, R. L., Jr.
- Maxwell, Phillip A. *See* Foote, Michael.
- Mayo, Gwenda. *See* Sutton, Tim.
- Mazur, Maciej. *See* Stolarski, Jaroslaw.

- Mazzella, Sarah A. *See* Tuteja, Anish.
- McCammon, John H. *See* Watts, Raymond D.
- McCarty, G. W. *See* Van Oost, K.
- McComas, D. J.; Allegrini, F.; Bagenal, F.; Cray, F.; Ebert, R. W.; Elliott, H.; Stern, A.; Valek, P.: Diverse plasma populations and structures in Jupiter's magnetotail. p217 12 Oct 2007. *See also* McNutt, R. L., Jr.
- McDade, Thom. *See* Brumfiel, Elizabeth M.
- McDonough, Michael A. *See* Gerken, Thomas.
- McElroy, Molly. *See* Somers, Benjamin.
- McGaugh, Stacy: Modified Newtonian dynamics close to home (letter). p568 26 Oct 2007.
- McGee, Brian M. *See* Pouchkina-Stantcheva, Natalia N.
- McInerney, James O. and Pisani, Davide: Paradigm for life (perspective). p1390 30 Nov 2007.
- McIntosh, S. W. *See* De Pontieu, B.
- McKinley, Gareth H. *See* Tuteja, Anish.
- McKinnon, W. B. *See* Grundy, W. M.
- McLaughlin, M. A. *See* Lorimer, D. R.
- McLean, Graeme W. *See* Karnik, Satyajit K.
- McNamara, Jeffery T. *See* Khanna, Kamal M.
- McNamara, Karen. *See* Meshik, Alex.
- McNaughton, Bruce L. *See* Euston, David R.
- McNeill, Luke A. *See* Gerken, Thomas.
- McNutt, R. L., Jr.; Haggerty, D. K.; Hill, M. E.; Krimigis, S. M.; Livì, S.; Ho, G. C.; Gurnee, R. S.; Mauk, B. H.; Mitchell, D. G.; Roelof, E. C.; McComas, D. J.; Bagenal, F.; Elliott, H. A.; Brown, L. E.; Kusterer, M.; Vandegriff, J.; Stern, S. A.; Weaver, H. A.; Spencer, J. R.; Moore, J. M.: Energetic particles in the jovian magnetotail. p220 12 Oct 2007.
- Meda, Paolo. *See* Scheiermann, Christoph.
- Medellin, R. A. *See* Rodriguez, J. P.
- Meehan, Sarah. *See* Knowles, Tuomas P.
- Meersman, Filip. *See* Pouchkina-Stantcheva, Natalia N.
- Meibom, Anders. *See* Stolarski, Jaroslaw.
- Meier, T. *See* Güdde, J.
- Meissner, Alexander. *See* Hanna, Jacob.
- Meisterer, Michael. *See* Chapman, Rob D.
- Melamed, Myron R. *See* Koss, Leopold G.
- Méndez, M. *See* Rodriguez, J. P.
- Mendez, Megan. *See* Kolas, Nadine K.
- Menter, Colin G. *See* Lockwood, Charles A.
- Menuz, Karen; Stroud, Robert M.; Nicoll, Roger A.; Hays, Franklin A.: TARP auxiliary subunits switch AMPA receptor antagonists into partial agonists. p815 2 Nov 2007.
- Mercer, Jean: One woman's balancing act (letter). p1864 21 Dec 2007.
- Merchant, Sabeeha S.; Prochnik, Simon E.; Vallon, Olivier; Harris, Elizabeth H.; Karpowicz, Steven J.; Witman, George B.; Terry, Astrid; Salamov, Asaf; Fritz-Laylin, Lillian K.; Maréchal-Drouard, Laurence; Marshall, Wallace F.; Qu, Liang-Hu; Nelson, David R.; Sanderfoot, Anton A.; Spalding, Martin H.; Kapitonov, Vladimir V.; Ren, Qinghu; Ferris, Patrick; Lindquist, Erika; Shapiro, Harris; Lucas, Susan M.; Grimwood, Jane; Schmutz, Jeremy; *Chlamydomonas* Annotation Team; JGI Annotation Team; Grigoriev, Igor V.; Rokhsar, Daniel S.; Grossman, Arthur R.: The *Chlamydomonas* genome reveals the evolution of key animal and plant functions. p245 12 Oct 2007.
- Merckx, R. *See* Van Oost, K.
- Merkel, Sebastien. *See* Hilairt, Nadege.
- Mervis, Jeffrey (news): Pilot NSF program flies into stiff community headwinds. p1365 30 Nov 2007. U.S. expert panel sees algebra as key to improvements in math. p1534 7 Dec 2007.
- Meselson, Matthew and Mark Welch, David: Stable heterozygosity? (perspective). p202 12 Oct 2007.
- Meshik, Alex; Mabry, Jennifer; Hohenberg, Charles; Marrocchi, Yves; Pravdivtseva, Olga; Burnett, Donald; Olinger, Chad; Wiens, Roger; Reisenfeld, Dan; Allton, Judith; McNamara, Karen; Stansbery, Eileen; Jurewicz, Amy J. G.: Constraints on neon and argon isotopic fractionation in solar wind. p433 19 Oct 2007.
- Messersmith, Phillip B. *See* Lee, Haeshin.
- Metzinger, Thomas. *See* Lenggenhager, Bigna.
- Miaudet, Pierre; Derré, Alain; Maugey, Maryse; Zakri, Cécile; Piccione, Patrick M.; Inoubli, Rabi; Poulin, Philippe: Shape and temperature memory of nanocomposites with broadened glass transition. p1294 23 Nov 2007.
- Miguez, Fernando E. *See* Toth, Amy L.
- Miller, D. J. *See* Levy, O.
- Miller, Earl K. and Buschman, Timothy J.: Response to comment on "Top-down versus bottom-up control of attention in the prefrontal and posterior parietal cortices" (technical comment). p44 5 Oct 2007. www.sciencemag.org/cgi/content/full/318/5847/44c.
- Miller, Greg (news): Animal extremists get personal. p1856 21 Dec 2007. Grasping for clues to the biology of itch. p188 12 Oct 2007. Immune molecules prune synapses in developing brain. p1710 14 Dec 2007. Questions swirl around Kessler's abrupt dismissal from UCSF. p1855 21 Dec 2007. Spying on new neurons in the human brain. p899 9 Nov 2007. Two therapies release different brakes on impulsive behavior. p553 26 Oct 2007.
- Miller, Richard: Of aging mice and men (letter). p390 19 Oct 2007.
- Miller, Webb. *See* Janečka, Jan E.
- Miller, William M. *See* Lee, Haeshin.
- Millhauser, Glenn L. *See* Candille, Sophie I.
- Millum, Joseph and Emanuel, Ezekiel J.: The ethics of international research with abandoned children. p1874 21 Dec 2007.
- Mimura, K. *See* Arakawa, K.
- Minami, H. *See* Ozyuzer, L.
- Mirme, Aadu. *See* Kulmala, Markku.
- Mitchell, D. G. *See* McNutt, R. L., Jr.
- Mittermeier, Russell A.; Gascon, Claude; Rajaobelina, Leon; Supriatna, Jatna; Cardoso da Silva, Jose Maria; Rodriguez, Carlos Manuel; Zhi, Lu; Brandon, Katrina: Global and local conservation priorities (letter). p1377 30 Nov 2007.
- Miura, Hiroaki; Satoh, Masaki; Nasuno, Tomoe; Noda, Akira T.; Oouchi, Kazuyoshi: A Madden-Julian Oscillation event realistically simulated by a global cloud-resolving model. p1763 14 Dec 2007.
- Miwa, Kyoko; Takano, Junpei; Otori, Hiroyuki; Seki, Motoaki; Shinozaki, Kazuo; Fujiwara, Toru: Plants tolerant of high boron levels. p1417 30 Nov 2007.
- Miyata, Hitoshi. *See* Hayashi, Yoshinobu.
- Moar, William J. and Anilkumar, Konasale J.: The power of the pyramid (perspective). p1561 7 Dec 2007.
- Moggi-Cecchi, Jacopo. *See* Lockwood, Charles A.
- Moisala, Anna. *See* Koziol, Krzysztof.
- Molenkamp, Laurens W. *See* König, Markus.
- Moler, Kathryn A. *See* Koshnick, Nicholas C.
- Momary, Thomas W. *See* Baines, Kevin H.
- Mondada, F. *See* Halloy, J.
- Mony, P. *See* Sgaier, S. K.
- Moore, Chris. *See* Terry, Irene.
- Moore, G. F.; Bangs, N. L.; Taira, A.; Kuramoto, S.; Pangborn, E.; Tobin, H. J.: Three-dimensional splay fault geometry and implications for tsunami generation. p1128 16 Nov 2007.
- Moore, J. M. *See* Grundy, W. M. *See also* McNutt, R. L., Jr. *See also* Retherford, K. D. *See also* Spencer, J. R.
- Moore, Jeffrey. *See* Baines, Kevin H.
- Moore, Jeffrey M. *See* Showalter, Mark R.
- Moore, John P.: Speaking out about U.S. science output (letter). p913 9 Nov 2007.
- Moore, R. G.; Zhang, Jiandi; Nascimento, V. B.; Jin, R.; Guo, Jiandong; Wang, G.T.; Fang, Z.; Mandrus, D.; Plummer, E. W.: A surface-tailored, purely electronic, Mott metal-to-insulator transition. p615 26 Oct 2007.
- Moran, Nancy A. *See* Cox-Foster, Diana L.
- Mordas, Genrik. *See* Kulmala, Markku.
- Morell, Virginia (news): Into the deep: first glimpse of Bering Sea canyons heats up fisheries battle. p181 12 Oct 2007.
- Mori, H. *See* Arakawa, K.
- Morichika, Yosuke. *See* Nishimura, Yukio.
- Moriyama, Etsuko N. *See* Johnston, Christopher A.
- Morning, Ann. *See* Bolnick, Deborah A.
- Morris, Corey. *See* Beckwith, Jon.
- Morrison, Hilary G. *See* Huber, Julie A.
- Morton, Alexandra. *See* Krkošek, Martin.
- Mosher, Stephen. *See* Park, Sang-Wook.
- Mott, Helen R. *See* Knowles, Tuomas P.
- Motta, Marcelo. *See* Koziol, Krzysztof.
- Motz, Christian. *See* Csikor, Ferenc F.
- Moulds, Michelle L. *See* Holmes, Emily A.
- Moustafa, Ahmed A. *See* Frank, Michael J.
- Mudie, Stephen T. *See* Park, Ho Bum.
- Muehlenbachs, Karlis. *See* Furnes, Harald.
- Mugica, L. *See* Rodriguez, J. P.
- Mullan, Fitzhugh: Plight of the Surgeon General (editorial). p169 12 Oct 2007.
- Müller, Bruno and Sheen, Jen: Advances in cytokinin signaling. p68 5 Oct 2007.
- Müller, R. D. *See* Whittaker, J. M.
- Mumby, P. J. *See* Hoegh-Guldberg, O.
- Munro, Sarah. *See* Diamond, Adele.
- Murakami, Hiroko. *See* Fukuhara, Atsunori.
- Murakami, Mirei. *See* Fukuhara, Atsunori.
- Muralidharan, Govindarajan. *See* Eswaramoorthy, Santhana K.
- Murphy, Shona. *See* Egloff, Sylvain.
- Murphy, William J. *See* Janečka, Jan E.
- Muthiga, N. *See* Hoegh-Guldberg, O.
- Myers, M. D.; Ayers, M. A.; Baron, J. S.; Beauchemin, P. R.; Gallagher, K. T.; Goldhaber, M. B.; Hutchinson, D. R.; LaBaugh, J. W.; Sayre, R. G.; Schwarzbach, S. E.; Schweig, E. S.; Thomodsgard, J.; van Riper, C., III; Wilde, W.: USGS goals for the coming decade. p200 12 Oct 2007.
- Myers, Ransom A. *See* Krkošek, Martin.

N, O, and P

- Nabioullin, Roustem. *See* Stommel, Jayne M.
- Nagamatsu, Shinya and Ohara-Imaizumi, Mica: IP₃ debut in insulin release (perspective). p1249 23 Nov 2007.
- Nagaosa, Naoto: A new state of quantum matter (perspective). p758 2 Nov 2007.
- Nagata, S. *See* De Pontieu, B. *See also* Ichimoto, K. *See also* Katsukawa, Y. *See also* Okamoto, T. J.
- Nagata, Shin'ichi. *See* Shibata, Kazunari.
- Nahas, Michelle K. *See* Hohng, Sungchul.
- Nakada, Shinichiro. *See* Kolas, Nadine K.
- Nakagami, Hirofumi. *See* Djamei, Armin.
- Nakamura, Tahei. *See* Shibata, Kazunari.
- Nakata, Michi; Zanchetta, Giuliano; Chapman, Brandon D.; Jones, Christopher D.; Cross, Julie O.; Pindak, Ronald; Bellini, Tommaso; Clark, Noel A.: End-to-end stacking and liquid crystal condensation of 6- to 20-base pair DNA duplexes. p1276 23 Nov 2007.
- Nakatani, Chiro. *See* Sakao, Tarō.
- Nallagatla, Subba Rao; Hwang, Jungwook; Toroney, Rebecca; Zheng, Xiaofeng; Cameron, Craig E.; Bevilacqua, Philip C.: 5'-triphosphate-dependent activation of PKR by RNAs with short stem-loops. p1455 30 Nov 2007.
- Nance, Mark R. *See* Lutz, Susanne.
- Nandivada, Himabindu. *See* Podsiadlo, Paul.
- Nannmark, Ulf. *See* Curtis, Maurice A.
- Narkevic, D. J. *See* Lorimer, D. R.
- Narukage, N. *See* Certain, J. W.

- Narukage, Noriyuki. *See* Aulanier, Guillaume. *See also* Reale, Fabio. *See also* Sakao, Tarō.
- Nascimento, V. B. *See* Moore, R. G.
- Nasuno, Tomoe. *See* Miura, Hiroaki.
- Nathans, Jeremy. *See* Jacobs, Gerald H.
- Nazar, Ross N. and Robb, E. Jane: Borrowing from Biology (letter). p565 26 Oct 2007.
- Nazarov, Yu. V. *See* Nowack, K. C.
- Neal, Phillip R. *See* Huber, Julie A.
- Nebel, Christoph E.: Surface-conducting diamond (perspective). p1391 30 Nov 2007.
- Nelson, Alondra. *See* Bolnick, Deborah A.
- Nelson, Charles A., III; Zeanah, Charles H.; Fox, Nathan A.; Marshall, Peter J.; Smyke, Anna T.; Guthrie, Donald: Cognitive recovery in socially deprived young children: the Bucharest Early Intervention Project. p1937 21 Dec 2007.
- Nelson, David R. *See* Merchant, Sabeeha S.
- Nelson, Erik C. and Braun, Paul V.: Enhancing colloids through the surface (perspective). p924 9 Nov 2007.
- Nesterov, Alexander. *See* Beyer, Mario.
- NetWatch: Golden oldies. p543 26 Oct 2007. Into the woods. p369 19 Oct 2007. It's tapir time. p175 12 Oct 2007. Posthumous peer review. p25 5 Oct 2007. Way up north. p723 2 Nov 2007.
- Neubig, Richard R. *See* Lutz, Susanne.
- Neumann, Jane. *See* Klein, Tilmann A.
- Neumann, N. *See* Akoury, D.
- New, Joshua. *See* Krasnow, Max M.
- Newman, S. F. *See* Grundy, W. M.
- Newman, Thomas C. *See* Toth, Amy L.
- News staff, the (news): Areas to watch. p1848 21 Dec 2007. Bruce Alberts named *Science* editor-in-chief. p1852 21 Dec 2007. How'd we do? p1844 21 Dec 2007. The runners-up. p1844 21 Dec 2007.
- Newsmakers: Back on deck. p1223 23 Nov 2007. Bio gold. p1223 23 Nov 2007. Bite your tongue. p895 9 Nov 2007. Building bridges. p1533 7 Dec 2007. Change at CERN. p1841 21 Dec 2007. Change at Harvard. p1359 30 Nov 2007. Compute this. p545 26 Oct 2007. A costly click. p1703 14 Dec 2007. DOE shakeup. p1047 16 Nov 2007. Family-friendly fellowship. p1359 30 Nov 2007. Fighting disease. p27 5 Oct 2007. For greater good. p1047 16 Nov 2007. Fortune lost? p545 26 Oct 2007. From air to sea. p725 2 Nov 2007. Gems from the past. p27 5 Oct 2007. A gigantic presence. p895 9 Nov 2007. Giving back. p1359 30 Nov 2007. Global audience. p725 2 Nov 2007. Hiba Mohamed. p1223 23 Nov 2007. Home again. p725 2 Nov 2007. In harmony. p1533 7 Dec 2007. Independent. p1533 7 Dec 2007. Leading ITER. p1703 14 Dec 2007. Maria Freire. p1841 21 Dec 2007. Mitigating disaster. p1533 7 Dec 2007. Muzzled. p177 12 Oct 2007. Naming rights. p27 5 Oct 2007. New home, new purpose. p371 19 Oct 2007. Not alone. p371 19 Oct 2007. Old and the young. p895 9 Nov 2007. On firmer ground. p1047 16 Nov 2007. Pan-European. p371 19 Oct 2007. Persuaded. p1841 21 Dec 2007. Point \leftrightarrow counterpoint. p545 26 Oct 2007. Point \leftrightarrow counterpoint. p725 2 Nov 2007. Same frequency. p1841 21 Dec 2007. A second look. p1047 16 Nov 2007. Sharing good luck. p371 19 Oct 2007. Siemens Awards. p1703 14 Dec 2007. Still boss. p1359 30 Nov 2007. Striking silver. p27 5 Oct 2007. Survival instinct. p1703 14 Dec 2007. Time to go? p895 9 Nov 2007. To feed Africa. p1223 23 Nov 2007. Tropical training. p1047 16 Nov 2007. Turkish tragedy. p1703 14 Dec 2007. Undying spirit. p545 26 Oct 2007. Worldly-wise. p177 12 Oct 2007. Young blood. p177 12 Oct 2007.
- Nichols, Jonathan D. *See* Gladstone, G. Randall.
- Nicoll, Roger A. *See* Menuz, Karen.
- Nie, Jeff. *See* Yu, Junying.
- Nikolskaya, Tatiana. *See* Wood, Laura D.
- Nikolsky, Yuri. *See* Wood, Laura D.
- Nishimura, Yukio; Onoe, Hirotaka; Morichika, Yosuke; Perfiliev, Sergei; Tsukada, Hideo; Isa, Tadashi: Time-dependent central compensatory mechanisms of finger dexterity after spinal cord injury. p1150 16 Nov 2007.
- Nishiyama, Norimasa. *See* Hilaiiret, Nadege.
- Nishizawa, Masako. *See* Fukuhara, Atsunori.
- Nishizuka, Naoto. *See* Shibata, Kazunari.
- Nix, Matthew A. *See* Candille, Sophie I.
- Noda, Akira T. *See* Miura, Hiroaki.
- Nora, E. *See* Augui, S.
- Nordhaus, William D.: CO₂ emissions: getting bang for the buck (letter). p1865 21 Dec 2007.
- Norgaard, Richard B. *See* Howarth, Richard B.
- Norman, Jessica. *See* Lee, Min Gyu.
- Normile, Dennis (news): MIT engineer shakes Korean academia to its core. p1371 30 Nov 2007.
- Normile, Dennis. *See* Enserink, Martin.
- Nourshargh, Sussan. *See* Scheiermann, Christoph.
- Nouwen, Nico. *See* Bechtluft, Philipp.
- Nowack, K. C.; Koppens, F. H. L.; Nazarov, Yu. V.; Vandersypen, L. M. K.: Coherent control of a single electron spin with electric fields. p1430 30 Nov 2007.
- Nozawa, Satoshi. *See* Shibata, Kazunari.
- Nusinow, Dmitri A. *See* Sawa, Mariko.
- Nutman, Allen P. and Friend, Clark R. L.: Comment on "A vestige of Earth's oldest ophiolite" (technical comment). p746 2 Nov 2007. www.sciencemag.org/cgi/content/full/318/5851/746c.
- Nutman, Allen P. *See* Bennett, Vickie C.
- Nutt, Stephen L. *See* Adams, Jerry M.
- O'Brien, Jeremy L. (perspective): Precision without entanglement. p1393 30 Nov 2007. Optical quantum computing. p1567 7 Dec 2007.
- O'Dell, Ryan. *See* Davidson, Adam G.
- O'Rahilly, Stephen. *See* Gerken, Thomas.
- O'Reilly, Dawn. *See* Egloff, Sylvain.
- O'Rourke, Karen M. *See* Kayagaki, Nobuhiko.
- O'Shea, Erin K. *See* Rust, Michael J.
- Obersteiner, Michael. *See* Marland, Gregg.
- Ogallo, Laban. *See* Patt, Anthony G.
- Oglesby, Robert J. *See* Rowe, Clinton M.
- Ohara-Imaizumi, Mica. *See* Nagamatsu, Shinya.
- Ohler, Uwe. *See* Brady, Siobhan M.
- Ohlsson, Rolf: Widespread monoallelic expression (perspective). p1077 16 Nov 2007.
- Ohtsubo, Tsuguteru. *See* Fukuhara, Atsunori.
- Okamoto, T. J.; Tsuneta, S.; Berger, T. E.; Ichimoto, K.; Katsukawa, Y.; Lites, B. W.; Nagata, S.; Shibata, K.; Shimizu, T.; Shine, R. A.; Suematsu, Y.; Tarbell, T. D.; Title, A. M.: Coronal transverse magneto-hydrodynamic waves in a solar prominence. p1577 7 Dec 2007.
- Okamoto, Takenori J. *See* Shibata, Kazunari.
- Olinger, Chad. *See* Meshik, Alex.
- Olkin, C. B. *See* Grundy, W. M. *See also* Reuter, D. C.
- Omori, Hiroyuki. *See* Miwa, Kyoko.
- Ono, K. *See* Arakawa, K.
- Onodera, Akinori. *See* Soma, Akiko.
- Onoe, Hirotaka. *See* Nishimura, Yukio.
- Oouchi, Kazuyoshi. *See* Miura, Hiroaki.
- Orlando, David A. *See* Brady, Siobhan M.
- Orosei, Roberto. *See* Watters, Thomas R.
- Orton, Glenn S. *See* Baines, Kevin H. *See also* Gladstone, G. Randall.
- Osipov, T. *See* Akoury, D.
- Ossorio, Pilar. *See* Bolnick, Deborah A.
- Otsuji, Kenichi. *See* Shibata, Kazunari.
- Ouren, Douglas S. *See* Watts, Raymond D.
- Owens, Tom. *See* Watts, Raymond D.
- Ozyuzer, L.; Kosheliev, A. E.; Kurter, C.; Gopalsami, N.; Li, Q.; Tachiki, M.; Kadowaki, K.; Yamamoto, T.; Minami, H.; Yamaguchi, H.; Tachiki, T.; Gray, K. E.; Kwok, W.-K.; Welp, U.: Emission of coherent THz radiation from superconductors. p1291 23 Nov 2007.
- Padua, S. *See* Rodríguez, J. P.
- Pala, Christopher (news): Life on the mean reefs. p1719 14 Dec 2007.
- Palacios, Gustavo. *See* Cox-Foster, Diana L.
- Palejev, Dean. *See* Korbel, Jan O.
- Pallotta, Margaret. *See* Sutton, Tim.
- Pangborn, E. *See* Moore, G. F.
- Panier, Stephanie. *See* Kolas, Nadine K.
- Panning, Barbara. *See* Lin, Jonathan H.
- Pant, P. V. Krishna. *See* Wood, Laura D.
- Papadopoulos, Nickolas. *See* Wood, Laura D.
- Papadopoulou, Anna. *See* Hunt, Toby.
- Pardo-López, Liliana. *See* Soberón, Mario.
- Pardoe, Heidi. *See* Jørgensen, Christian.
- Paré, Martin. *See* Schall, Jeffrey D.
- Parenti, Susanna. *See* Reale, Fabio.
- Park, Ben Ho. *See* Wood, Laura D.
- Park, Ho Bum; Jung, Chul Ho; Lee, Young Moo; Hill, Anita J.; Pas, Steven J.; Mudie, Stephen T.; Van Wagner, Elizabeth; Freeman, Benny D.; Cookson, David J.: Polymers with cavities tuned for fast selective transport of small molecules and ions. p254 12 Oct 2007.
- Park, Sang-Wook; Kaimoyo, Evans; Kumar, Dharendra; Mosher, Stephen; Klessig, Daniel F.: Methyl salicylate is a critical mobile signal for plant systemic acquired resistance. p113 5 Oct 2007.
- Parker, J. Wm. *See* Retherford, K. D.
- Parker, Joel Wm. *See* Gladstone, G. Randall.
- Parker, Roy. *See* Buchan, J. Ross.
- Parks, Derek J. *See* Yin, Lei.
- Parmar, V. *See* Prasad, G. V. R.
- Parmigiani, Giovanni. *See* Wood, Laura D.
- Parsons, D. Williams. *See* Wood, Laura D.
- Pas, Steven J. *See* Park, Ho Bum.
- Pasachoff, Jay M.: review of *In the Shadow of the Moon*, by David Sington, Director. p751 2 Nov 2007.
- Patt, Anthony G.; Ogallo, Laban; Hellmuth, Molly: Learning from 10 years of climate outlook forums in Africa. p49 5 Oct 2007.
- Patterson, Paul H.: Maternal effects on schizophrenia risk (perspective). p576 26 Oct 2007.
- Pauls, Martin P.: Decision-making dysfunctions in psychiatry—altered homeostatic processing? p602 26 Oct 2007.
- Pauly, Daniel: review of *The Most Important Fish in the Sea*, by H. Bruce Franklin. p750 2 Nov 2007.
- Pearce, Kenneth H. *See* Yin, Lei.
- Pearl, M. *See* Rodriguez, J. P.
- Pedroni, Elena. *See* Lescano, Andres G.
- Pelletier, Laurence. *See* Kolas, Nadine K.
- Pennisi, Elizabeth (news): Breakthrough of the year: human genetic variation. p1842 21 Dec 2007. Fruit fly blitz shows the power of comparative genomics. p903 9 Nov 2007. Natural selection, not chance, paints the desert landscape. p376 19 Oct 2007. Robot cockroach tests insect decision-making behavior. p1055 16 Nov 2007. Smithsonian struggles to strike a balance with sponsors. p1364 30 Nov 2007. Spawning for a better life. p1712 14 Dec 2007. Wanted: a barcode for plants. p190 12 Oct 2007.
- Pennisi, Elizabeth. *See* Hurlley, Stella M.
- Peres, Giovanni. *See* Reale, Fabio.
- Pérez, M. *See* Rodriguez, J. A.
- Perfiliev, Sergei. *See* Nishimura, Yukio.
- Perrichot, Vincent. *See* Schmidt, Alexander R.
- Perry, J. E. *See* Spencer, J. R.
- Petäjä, Tuukka. *See* Kulmala, Markku.
- Pethiyagoda, Charit L. *See* Wood, Laura D.
- Petitgirard, Sylvain. *See* Hilaiiret, Nadege.
- Pettis, Jeffery S. *See* Cox-Foster, Diana L.
- Pfeifer, Rolf; Lungarella, Max; Iida, Fumiya: Self-organization, embodiment, and biologically inspired robotics. p1088 16 Nov 2007.
- Pfennig, Karin S.: Facultative mate choice drives adaptive hybridization. p965 9 Nov 2007.
- Phillips, Roger J. *See* Watters, Thomas R.
- Phung, Qui. *See* Kayagaki, Nobuhiko.
- Picardi, Giovanni. *See* Watters, Thomas R.
- Piccione, Patrick M. *See* Miaudet, Pierre.

- Picher, Angel J. *See* Brissett, Nigel C.
 Pieck, J. Carsten. *See* Alt, Aaron.
 Pielke, Roger A., Jr. *See* Bouwer, Laurens M.
 Pietras, Eric. *See* Kayagaki, Nobuhiko.
 Pili, Elena. *See* Lalueza-Fox, Carles.
 Pindak, Ronald. *See* Nakata, Michi.
 Pisani, Davide. *See* McInerney, James O.
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 Pitts, Laura. *See* Egloff, Sylvain.
 Pitzschke, Andrea. *See* Djamei, Armin.
 Plaut, Jeffrey J. *See* Watters, Thomas R.
 Plummer, E. W. *See* Moore, R. G.
 Podsiadlo, Paul; Kaushik, Amit K.; Arruda, Ellen M.; Waas, Anthony M.; Shim, Bong Sup; Xu, Jiadi; Nandivada, Himabindu; Pumplun, Benjamin G.; Lahann, Joerg; Ramamoorthy, Ayyalusamy; Kotov, Nicholas A.: Ultrastrong and stiff layered polymer nanocomposites. p80 5 Oct 2007.
 Poeppl, Armando G. *See* Kennedy, James A.
 Polyak, Kornelia. *See* Wood, Laura D.
 Ponting, Chris P. *See* Gerken, Thomas.
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 Poon, Andy C. and Ferrell, James E., Jr.: A clock with a flip switch (perspective). p757 2 Nov 2007.
 Popova, Antoaneta V. *See* Pouchkina-Stantcheva, Natalia N.
 Porco, C. C.; Thomas, P. C.; Weiss, J. W.; Richardson, D. C.: Saturn's small inner satellites: clues to their origins. p1602 7 Dec 2007.
 Porco, Carolyn C. *See* Charnoz, Sébastien.
 Pouchkina-Stantcheva, Natalia N.; McGee, Brian M.; Boschetti, Chiara; Tolleret, Dimitri; Chakrabortee, Sohini; Popova, Antoaneta V.; Meersman, Filip; Macherel, David; Hinch, Dirk K.; Tunnacliffe, Alan: Functional divergence of former alleles in an ancient asexual invertebrate. p268 12 Oct 2007.
 Poulin, Philippe. *See* Miaudet, Pierre.
 Powell, Craig M. *See* Tabuchi, Katsuhiko.
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 Prasad, G. V. R.; Verma, O.; Sahni, A.; Parmar, V.; Khosla, A.: A Cretaceous hoofed mammal from India. p937 9 Nov 2007.
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- Q, R, and S**
- Qatanani, Mohammed. *See* Yin, Lei.
 Qazilbash, M. M.; Brehm, M.; Chae, Byung-Gyu; Ho, P.-C.; Andreev, G. O.; Kim, Bong-Jun; Yun, Sun Jin; Balatsky, A. V.; Maple, M. B.; Keilmann, F.; Kim, Hyun-Tak; Basov, D. N.: Mott transition in VO₂ revealed by infrared spectroscopy and nano-imaging. p1750 14 Dec 2007.
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 Råberg, Lars; Sim, Derek; Read, Andrew F.: Disentangling genetic variation for resistance and tolerance to infectious diseases in animals. p812 2 Nov 2007.
 Raes, Frank and Swart, Rob: Climate assessment: what's next? p1386 30 Nov 2007.
 Rajan, Kanna. *See* Bellingham, James G.
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 Random Samples: All aboard for science. p1045 16 Nov 2007. Back to Africa. p1839 21 Dec 2007. Beetle battles. p25 5 Oct 2007. Brains over brawn. p1221 23 Nov 2007. Dehydrated DNA. p1701 14 Dec 2007. Dino delight. p893 9 Nov 2007. Dino in the basement. p1357 30 Nov 2007. Divorce is like an SUV. p1531 7 Dec 2007. Do the math. p1221 23 Nov 2007. Fending off a killer. p369 19 Oct 2007. Flat cat: act II. p1701 14 Dec 2007. Goals rock nation. p1357 30 Nov 2007. Human-kind's global footprint. p1839 21 Dec 2007. Hunting and gathering data. p1357 30 Nov 2007. Lean times for Lake Superior. p893 9 Nov 2007. Left on campus. p1839 21 Dec 2007. Micromini radio. p893 9 Nov 2007. MIT: completely online. p1701 14 Dec 2007. Mooning about: Cassini turns 10. p543 26 Oct 2007. New value in old casts. p543 26 Oct 2007. Oh, to live in Iceland. p1701 14 Dec 2007. Oldest mural found in Peru. p1221 23 Nov 2007. Olympic archaeology. p1531 7 Dec 2007. Our ancestral brains. p25 5 Oct 2007. Phony scoop on CO₂. p1045 16 Nov 2007. Pileup on the moon. p175 12 Oct 2007. Prescription hazards. p543 26 Oct 2007. Presidential face-off. p723 2 Nov 2007. "Primitive" art. p723 2 Nov 2007. A probable killer? p1045 16 Nov 2007. Rare-tiger photo flap makes fur fly in China. p893 9 Nov 2007. Rock candy for martians? p369 19 Oct 2007. Sale of rare astrolabe halted. p1701 14 Dec 2007. Sea scum rebranded. p1839 21 Dec 2007. Sorting through astrochaff. p175 12 Oct 2007. Star wars. p1221 23 Nov 2007. Tongues untied. p369 19 Oct 2007. Training your gut. p1045 16 Nov 2007. Tsunami alert. p723 2 Nov 2007. Vive le hobbit. p1531 7 Dec 2007. What the skull tells. p1357 30 Nov 2007. When worlds collide. p1531 7 Dec 2007. World of water. p25 5 Oct 2007.
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 Rasmussen, Soren G. F. *See* Cherezov, Vadim. *See also* Rosenbaum, Daniel M.
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 Rawashdeh, Oliver; Hernandez de Borsetti, Nancy; Roman, Gregg; Cahill, Gregory M.: Melatonin suppresses nighttime memory formation in zebrafish. p1144 16 Nov 2007.
 Ray, L. Bryan; Gough, Nancy R.; Adler, Elizabeth M.; Foley, John F. (news): An insider's view. p61 5 Oct 2007.
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 Reale, Fabio; Parenti, Susanna; Reeves, Kathy K.; Weber, Mark; Bobra, Monica G.; Barbera, Marco; Kano, Ryouhei; Narukage, Noriyuki; Shimojo, Masumi; Sakao, Taro; Peres, Giovanni; Golub, Leon: Fine thermal structure of a coronal active region. p1582 7 Dec 2007.
 Reardon, Jenny. *See* Bolnick, Deborah A.
 Reeves, K. *See* Cirrain, J. W.
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 Reid, Robert A. *See* Yin, Lei.
 Reinberg, Danny. *See* Lee, Min Gyu.
 Reisenfeld, Dan. *See* Meshik, Alex.
 Reitz, Stuart R.: Invasion of the whiteflies (perspective). p1733 14 Dec 2007.
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 Retherford, K. D.; Spencer, J. R.; Stern, S. A.; Saur, J.; Strobel, D. F.; Steffl, A. J.; Gladstone, G. R.; Weaver, H. A.; Cheng, A. F.; Parker, J. Wm.; Slater, D. C.; Versteeg, M. H.; Davis, M. W.; Bagenal, F.; Throop, H. B.; Lopes, R. M. C.; Reuter, D. C.; Lunsford, A.; Conard, S. J.; Young, L. A.; Moore, J. M.: Io's atmospheric response to eclipse: UV aurorae observations. p237 12 Oct 2007.
 Retherford, Kurt D. *See* Gladstone, G. Randall.
 Reuter, D. C. *See* Grundy, W. M. *See also* Retherford, K. D. *See also* Spencer, J. R.
 Reuter, D. C.; Simon-Miller, A. A.; Lunsford, A.; Baines, K. H.; Cheng, A. F.; Jennings, D. E.; Olkin, C. B.; Spencer, J. R.; Stern, S. A.; Weaver, H. A.; Young, L. A.: Jupiter cloud composition, stratification, convection, and wave motion: a view from New Horizons. p223 12 Oct 2007.
 Reuter, Dennis C. *See* Baines, Kevin H.
 Reuter, Martin. *See* Klein, Tilmann A.
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 Roche, Daniele. *See* Groth, Anja.
 Rodriguez, Carlos Manuel. *See* Mittermeier, Russell A.
 Rodriguez, J. A.; Ma, S.; Liu, P.; Hrbek, J.; Evans, J.; Pérez, M.: Activity of CeO₂ and TiO_x nanoparticles grown on Au(111) in the water-gas shift reaction. p1757 14 Dec 2007.
 Rodríguez, J. P.; Taber, A. B.; Daszak, P.; Sukumar, R.; Valladares-Padua, C.; Padua, S.; Aguirre, L. F.; Medelín, R. A.; Acosta, M.; Aguirre, A. A.; Bonacic, C.; Bordino, P.; Bruschini, J.; Buchori, D.; González, S.; Mathew, T.; Méndez, M.; Mugica, L.; Dobson,

- A. P.; Pearl, M.: Global and local conservation priorities (letter). p1377 30 Nov 2007.
- Roe, Gerard H. and Baker, Marcia B.: Why is climate sensitivity so unpredictable? p629 26 Oct 2007.
- Roelof, E. C. See McNutt, R. L., Jr.
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- Rohland, Nadin. See Lalueza-Fox, Carles.
- Rohleder, M. See Güdde, J.
- Rokhsar, Daniel S. See Merchant, Sabeeha S.
- Roman, Gregg. See Rawashdeh, Oliver.
- Römer, Patrick; Hahn, Simone; Jordan, Tina; Strauß, Tina; Bonas, Ulla; Lahaye, Thomas: Plant pathogen recognition mediated by promoter activation of the pepper *Bs3* resistance gene. p645 26 Oct 2007.
- Römpfer, Holger. See Lalueza-Fox, Carles.
- Rorsman, Patrik. See Gerken, Thomas.
- Rosas, Antonio. See Lalueza-Fox, Carles.
- Rose, Debi. See Showalter, Mark R.
- Rosenbaum, Daniel M. See Cherezov, Vadim.
- Rosenbaum, Daniel M.; Cherezov, Vadim; Hanson, Michael A.; Rasmussen, Søren G. F.; Thian, Foon Sun; Kobilka, Tong Sun; Choi, Hee-Jung; Yao, Xiao-Jie; Weis, William I.; Stevens, Raymond C.; Kobilka, Brian K.: GPCR engineering yields high-resolution structural insights into β_2 -adrenergic receptor function. p1266 23 Nov 2007.
- Rosenbaum, R. Shayna; Stuss, Donald T.; Levine, Brian; Tulving, Endel: Theory of mind is independent of episodic memory. p1257 23 Nov 2007.
- Rosing, Minik. See Furnes, Harald.
- Roth, Andreas. See König, Markus.
- Roux, Kyle J. See Stewart, Colin L.
- Rowe, Clinton M.; Loope, David B.; Oglesby, Robert J.; Van der Voo, Rob; Broadwater, Charles E.: Inconsistencies between Pangean reconstructions and basic climate controls. p1284 23 Nov 2007.
- Ruan, Yong-Ming. See Liu, Shu-Sheng.
- Rubin, Edward M. See Sorek, Rotem.
- Rubio, Vicente and Deng, Xing Wang: Standing on the shoulders of GIGANTEA (perspective). p206 12 Oct 2007.
- Ruotti, Victor. See Yu, Junying.
- Russell, Brandy. See Denofrio, Lauren A.
- Rust, Michael J.; Markson, Joseph S.; Lane, William S.; Fisher, Daniel S.; O'Shea, Erin K.: Ordered phosphorylation governs oscillation of a three-protein circadian clock. p809 2 Nov 2007.
- Rutledge, Gregory C. See Tuteja, Anish.
- Rutz, Christian; Bluff, Lucas A.; Weir, Alex A. S.; Kacelnik, Alex: Video cameras on wild birds. p765 2 Nov 2007.
- Sæther, Stein A.; Sætre, Glenn-Peter; Borge, Thomas; Wiley, Chris; Svedin, Nina; Andersson, Gunilla; Veen, Thor; Haavie, Jon; Servedio, Maria R.; Bureš, Stanislav; Král, Miroslav; Hjermquist, Märten B.; Gustafsson, Lars; Träff, Johan; Qvarnström, Anna: Sex chromosome-linked species recognition and evolution of reproductive isolation in flycatchers. p95 5 Oct 2007.
- Sætre, Glenn-Peter. See Sæther, Stein A.
- Safaeinili, Ali. See Watters, Thomas R.
- Sagdeev, Roald: Sputnik and the Soviets (perspective). p51 5 Oct 2007.
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- Saiardi, Adolfo. See Illies, Christopher.
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- Sakao, T. See Cirtain, J. W.
- Sakao, Taro. See Aulanier, Guillaume. See also Reale, Fabio.
- Sakao, Taro; Kano, Ryouhei; Narukage, Noriyuki; Kotoku, Jun'ichi; Bando, Takamasa; DeLuca, Edward E.; Lundquist, Loraine L.; Tsuneta, Saku; Harra, Louise K.; Katsukawa, Yukio; Kubo, Masahito; Hara, Hirohisa; Matsuzaki, Keiichi; Shimajo, Masumi; Bookbinder, Jay A.; Golub, Leon; Korreck, Kelly E.; Su, Yingna; Shibasaki, Kiyoto; Shimizu, Toshifumi; Nakatani, Ichiro: Continuous plasma outflows from the edge of a solar active region as a possible source of solar wind. p1585 7 Dec 2007.
- Salamov, Asaf. See Merchant, Sabeeha S.
- Sale, P. F. See Hoegh-Guldberg, O.
- Saleska, Scott R.; Didan, Kamel; Huete, Alfredo R.; da Rocha, Humberto R.: Amazon forests green-up during 2005 drought. p612 26 Oct 2007.
- Salmon-Mulanovich, Gabriela. See Lescano, Andres G.
- Salt, Thomas E. See Scheiermann, Christoph.
- Samanta, Johan. See Frank, Michael J.
- Samuels, Yarden. See Huang, Chuan-Hsiang.
- Sanaï, Nader; Berger, Mitchel S.; Garcia-Verdugo, Jose Manuel; Alvarez-Buylla, Arturo: Comment on "Human neuroblasts migrate to the olfactory bulb via a lateral ventricular extension" (technical comment). p393 19 Oct 2007. www.sciencemag.org/cgi/content/full/318/5849/393b.
- Sanderfoot, Anton A. See Merchant, Sabeeha S.
- Sanders, Dale. See Dodd, Anthony N.
- Sanfey, Alan G.: Social decision-making: insights from game theory and neuroscience. p598 26 Oct 2007.
- Satoh, Masaki. See Miura, Hiroaki.
- Saudek, Vladimir. See Gerken, Thomas.
- Saunders, A. C. Eugenia. See Korbel, Jan O.
- Saur, J. See Retherford, K. D.
- Savcheva, A. See Cirtain, J. W.
- Sawa, Mariko; Nusinow, Dmitri A.; Kay, Steve A.; Imaizumi, Takato: FKF1 and GIGANTEA complex formation is required for day-length measurement in *Arabidopsis*. p261 12 Oct 2007.
- Sawyer, Robert J.: Robot ethics (editorial). p1037 16 Nov 2007.
- Sayre, R. G. See Myers, M. D.
- Scarano, F. R.: Global and local conservation priorities (letter). p1377 30 Nov 2007.
- Schall, Jeffrey D.; Paré, Martin; Woodman, Geoffrey F.: Comment on "Top-down versus bottom-up control of attention in the prefrontal and posterior parietal cortices" (technical comment). p44 5 Oct 2007. www.sciencemag.org/cgi/content/full/318/5847/44b.
- Schall, Peter; Weitz, David A.; Spaepen, Frans: Structural rearrangements that govern flow in colloidal glasses. p1895 21 Dec 2007.
- Scheiermann, Christoph; Meda, Paolo; Aurrand-Lions, Michel; Madani, Rime; Yiangou, Yiangos; Coffey, Peter; Salt, Thomas E.; Ducrest-Gay, Dominique; Caille, Dorothée; Howell, Owain; Reynolds, Richard; Lobrinus, Alexander; Adams, Ralf H.; Yu, Alan S. L.; Anand, Praveen; Imhof, Beat A.; Nourshargh, Sussan: Expression and function of junctional adhesion molecule-C in myelinated peripheral nerves. p1472 30 Nov 2007.
- Schenk, P. M. See Grundy, W. M. See also Spencer, J. R.
- Schieber, Juergen; Southard, John; Thaisen, Kevin: Accretion of mudstone beds from migrating floccule ripples. p1760 14 Dec 2007.
- Schieber, Marc H. See Davidson, Adam G.
- Schier, Alexander F. See Choi, Wen-Yee.
- Schilling, Govert (news): Space sighting suggests stardust doesn't have to come from stars. p379 19 Oct 2007.
- Schlamadinger, Bernhard. See Marland, Gregg.
- Schmerr, Nicholas and Garner, Edward J.: Upper mantle discontinuity topography from thermal and chemical heterogeneity. p623 26 Oct 2007.
- Schmidt, Alexander R.; Dörfelt, Heinrich; Perrichot, Vincent: Carnivorous fungi from Cretaceous amber. p1743 14 Dec 2007.
- Schmidt, L. Ph. H. See Akoury, D.
- Schmidt, Tom: review of *The Third Domain*, by Tim Friend. p1727 14 Dec 2007.
- Schmidt-Böcking, H. See Akoury, D.
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- Schmutz, Jeremy. See Merchant, Sabeeha S.
- Schmutz, Sheila M. See Candille, Sophie I.
- Schnurbusch, Thorsten. See Sutton, Tim.
- Schoelkopf, R. J. See Leek, P. J.
- Schöffler, M. See Akoury, D.
- Schofield, Christopher J. See Gerken, Thomas.
- Schöneberg, Thorsten. See Lalueza-Fox, Carles.
- Schrag, Daniel P. See Halevy, Itay.
- Schrijver, C. J. See De Pontieu, B.
- Schroeder, Julian I. See Imaizumi, Takato.
- Schulten, Klaus. See Hohng, Sungchul.
- Schultz, Peter H.: Hidden Mars (perspective). p1080 16 Nov 2007.
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- Schuttenberg, Heidi and Hoegh-Guldberg, Ove: A world with corals: what will it take? (letter). p42 5 Oct 2007.
- Schwartz, Jeffrey H.: The origins of human bipedalism (letter). p1065 16 Nov 2007.
- Schwartz, Michael W. See Wisse, Brent E.
- Schwartzman, Helen B. See Brumfiel, Elizabeth M.
- Schwarz-Herion, Kyrill. See Lim, Roderick Y. H.
- Schwarzbach, S. E. See Myers, M. D.
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- ScienceScope: ... And heads to the moon. p731 2 Nov 2007. Argo ahoj. p901 9 Nov 2007. Astronomy still hot in Chile. p181 12 Oct 2007. Baghdad museum to reopen. p1365 30 Nov 2007. Bee virus endemic. p901 9 Nov 2007. Bill and Melinda play risk. p183 12 Oct 2007. Bonobo reserve established. p1365 30 Nov 2007. Boycott: blocked. p31 5 Oct 2007. Bréchet out at INSERM. p181 12 Oct 2007. Brits wish scopes farewell. p1227 23 Nov 2007. Budget: boosted. p31 5 Oct 2007. California's heavy hitter: bonds. p183 12 Oct 2007. Cell research fused. p549 26 Oct 2007. China wants more envois p731 2 Nov 2007. Church blesses stem cell studies. p1227 23 Nov 2007. CIRM in turmoil. p1709 14 Dec 2007. Cornell's collider lives. p1709 14 Dec 2007. Degrees of magnitude in Russia. p549 26 Oct 2007. "Endangered" rulings reversed. p1537 7 Dec 2007. Europe maintains orbit. p1051 16 Nov 2007. Few clues in rice mystery. p183 12 Oct 2007. French GM crops halted. p729 2 Nov 2007. Gene therapy trial back on. p1363 30 Nov 2007. In the Navy. p33 5 Oct 2007. Italian cold cuts. p1363 30 Nov 2007. Judge blocks patent rules. p899 9 Nov 2007. Lab project launched. p1539 7 Dec 2007. Lab review panned. p1539 7 Dec 2007. Leszek is more. p33 5 Oct 2007. The million-dollar genome. p553 26 Oct 2007. Moon shot gets nod. p1855 21 Dec 2007. Moonstruck. p1053 16 Nov 2007. New animal-rights attacks. p1853 21 Dec 2007. New euros flow. p1855 21 Dec 2007. New limits on defense grants. p1053 16 Nov 2007. New scrutiny on vaccine trial. p729 2 Nov 2007. New SETI array deployed. p375 19 Oct 2007. NIH budget boost fails. p1229 23 Nov 2007. NSF shortens drilling season. p377 19 Oct 2007. Nuclear deal in deep freeze. p375 19 Oct 2007. Oceans are nickel-and-dimed. p731 2 Nov 2007. Oil crunch forecasted. p901 9 Nov 2007. Panel's move has flamingo fans tickled pink. p899 9 Nov 2007. Protesters strike again. p1229 23 Nov 2007. Regulation: required? p31 5 Oct 2007. Remains remain controversial. p377 19 Oct 2007. Reprieve granted on grants. p1229 23 Nov 2007. Researchers: folly in Bali. p1855 21 Dec 2007. Save the fish. p1853 21 Dec 2007. "Scientific deficiencies" at FDA. p1537 7 Dec 2007. Sequestration (in) rocks. p375 19 Oct 2007. Shuttle shuffle. p1707 14 Dec 2007. Slow down, you move too fast. p549 26 Oct 2007. Stretching NSF dollars. p1707 14 Dec 2007. Tests on tests urged. p1051 16 Nov 2007. Texas votes for cancer research. p1051 16 Nov 2007. 2007 brings near-record heat. p1707 14 Dec 2007. Updates. p553 26 Oct 2007. Wanted: more tongues. p1365 30 Nov 2007.
- Sdrolias, M. See Whittaker, J. M.
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- Seki, Motoaki. *See* Miwa, Kyoko.
- Sekine, Yasuhiko. *See* Soma, Akiko.
- Seligman, Rebecca. *See* Brumfield, Elizabeth M.
- Semenov, S. K. *See* Akoury, D.
- Semenza, Gregg L.: Life with oxygen. p62 5 Oct 2007.
- Sempo, G. *See* Halloy, J.
- Sennett, Michael. *See* Koziol, Krzysztof.
- Servedio, Maria R. *See* Sæther, Stein A.
- Service, Robert F. (news): California stirs a \$600 million pot of solutions. p730 2 Nov 2007. Chemistry laureate pioneered new school of thought. p373 19 Oct 2007. Oceanography's third wave. p1056 16 Nov 2007.
- Sethna, James P.: Crackling wires (perspective). p207 12 Oct 2007.
- Sgaier, S. K.; Jha, P.; Mony, P.; Kurpad, A.; Lakshmi, V.; Kumar, R.; Ganguly, N. K.: Biobanks in developing countries: needs and feasibility. p1074 16 Nov 2007.
- Shankaranarayanan, Aruna. *See* Lutz, Susanne.
- Shapiro, Harris. *See* Merchant, Sabeeha S.
- Sharma, Abhay: A measure of respect for translational research (letter). p391 19 Oct 2007.
- Sharma, Ashutosh. *See* Majumder, Abhijit.
- Shearer, Peter M. *See* Allmann, Bettina P.
- Sheen, Jen. *See* Müller, Bruno.
- Shekhtman, Grigoriy. *See* Behrens, M. Margarita.
- Shen, Dong. *See* Wood, Laura D.
- Shen, Kang. *See* Colón-Ramos, Daniel A.
- Shen, Xiaoyun. *See* Bai, Xiaochun.
- Sherman, David H. *See* Gu, Liangcai.
- Sherman, Scott J. *See* Frank, Michael J.
- Shi, Bu-Jun. *See* Sutton, Tim.
- Shi, Yigong. *See* Feng, Liang.
- Shibasaki, K. *See* Cirtain, J. W.
- Shibasaki, Kiyoto. *See* Sakao, Taro.
- Shibata, Kazuo. *See* Okamoto, T. J.
- Shibata, Kazunari; Nakamura, Tahei; Matsumoto, Takuma; Otsuji, Kenichi; Okamoto, Takenori J.; Nishizuka, Naoto; Kawate, Tomoko; Watanabe, Hiroko; Nagata, Shin'ichi; UeNo, Satoru; Kitai, Reizaburo; Nozawa, Satoshi; Tsuneta, Saku; Suematsu, Yoshinori; Ichimoto, Kiyoshi; Shimizu, Toshifumi; Katsukawa, Yukio; Tarbell, Theodore D.; Berger, Thomas E.; Lites, Bruce W.; Shine, Richard A.; Title, Alan M.: Chromospheric anemone jets as evidence of ubiquitous reconnection. p1591 7 Dec 2007.
- Shiekhhattar, Ramin. *See* Lee, Min Gyu.
- Shim, Bong Sup. *See* Podsiadlo, Paul.
- Shim, J. H.; Haule, K.; Kottliar, G.: Modeling the localized-to-itinerant electronic transition in the heavy fermion system CeIrIn₅. p1615 7 Dec 2007.
- Shimizu, T. *See* De Pontieu, B. *See also* Ichimoto, K. *See also* Katsukawa, Y. *See also* Okamoto, T. J.
- Shimizu, Toshifumi. *See* Sakao, Taro. *See also* Shibata, Kazunari.
- Shimojo, M. *See* Cirtain, J. W.
- Shimojo, Masumi. *See* Reale, Fabio. *See also* Sakao, Taro.
- Shimomura, Iichiro. *See* Fukuhara, Atsunori.
- Shine, R. A. *See* De Pontieu, B. *See also* Ichimoto, K. *See also* Katsukawa, Y. *See also* Okamoto, T. J.
- Shine, Richard A. *See* Shibata, Kazunari.
- Shinozaki, Kazuo. *See* Miwa, Kyoko.
- Shiptsin, Michail. *See* Wood, Laura D.
- Shokat, Kevan M. *See* Lin, Jonathan H.
- Showalter, M. *See* Spencer, J. R.
- Showalter, Mark R.; Cheng, Andrew F.; Weaver, Harold A.; Stem, S. Alan; Spencer, John R.; Throop, Henry B.; Birath, Emma M.; Rose, Debi; Moore, Jeffrey M.: Clump detections and limits on moons in Jupiter's ring system. p232 12 Oct 2007.
- Shows, Eric B. *See* Terry, Laura J.
- Shukla, Jagadish: Monsoon mysteries (perspective). p204 12 Oct 2007.
- Siderovski, David P. *See* Johnston, Christopher A.
- Siegrwart, R. *See* Halloy, J.
- Sieving, Paul A. *See* MacDonald, Ian M.
- Silliman, Natalie. *See* Wood, Laura D.
- Silva, Alexandra. *See* Jorgensen, Christian.
- Sim, Derek. *See* Råberg, Lars.
- Simmons, Anna E.: review of *Burroughs Wellcome & Co.*, by Roy Church and E. M. Tansey. p1071 16 Nov 2007.
- Simon-Miller, A. A. *See* Reuter, D. C.
- Simon-Miller, Amy A. *See* Baines, Kevin H.
- Simons, Jan Fredrik. *See* Cox-Foster, Diana L. *See also* Korbel, Jan O. *See also* Toth, Amy L.
- Singhruck, Patama. *See* Matthews, Adrian J.
- Sipilä, Mikko. *See* Kulmala, Markku.
- Six, J. *See* Van Oost, K.
- Sjöblom, Tobias. *See* Wood, Laura D.
- Slater, D. C. *See* Retherford, K. D.
- Slater, David C. *See* Gladstone, G. Randall.
- Slukvin, Igor I. *See* Yu, Junying.
- Smith, Douglas R. *See* Wood, Laura D.
- Smith, Janet L. *See* Gu, Liangcai.
- Smith, Joel; Theodoris, Christina; Davidson, Eric H.: A gene regulatory network subcircuit drives a dynamic pattern of gene expression. p794 2 Nov 2007.
- Smith, Lisa. *See* Bäurle, Isabel.
- Smith, Robert B. *See* Chang, Wu-Lung.
- Smith, S. David. *See* Manganas, Louis N.
- Smuga-Otto, Kim. *See* Yu, Junying.
- Smyke, Anna T. *See* Nelson, Charles A., III.
- Snyder, Michael. *See* Korbel, Jan O.
- Soberón, Mario; Pardo-López, Liliana; López, Idalia; Gómez, Isabel; Tabashnik, Bruce E.; Bravo, Alejandra: Engineering modified Bt toxins to counter insect resistance. p1640 7 Dec 2007.
- Sogin, Mitchell L. *See* Huber, Julie A.
- Solomon, Edward I. *See* Dey, Abhishek.
- Solozhenko, Vladimir L. *See* Dubrovinskaja, Natalia.
- Soma, Akiko; Onodera, Akinori; Sugahara, Junichi; Kanai, Akio; Yachie, Nozomu; Tomita, Masaru; Kawamura, Fujio; Sekine, Yasuhiko: Permuted tRNA genes expressed via a circular RNA intermediate in *Cyanidioschyzon merolae*. p450 19 Oct 2007.
- Somers, Benjamin and McElroy, Molly: Black colleges event explores road to success (AAAS News & Notes). p587 26 Oct 2007.
- Sorek, Rotem; Zhu, Yiwen; Creevey, Christopher J.; Francino, M. Pilar; Bork, Peer; Rubin, Edward M.: Genome-wide experimental determination of barriers to horizontal gene transfer. p1449 30 Nov 2007.
- Southard, John. *See* Schieber, Juergen.
- Spaepen, Frans. *See* Schall, Peter.
- Spalding, Martin H. *See* Merchant, Sabeeha S.
- Sparks, Andrew B. *See* Wood, Laura D.
- Spencer, J. R. *See* Grundy, W. M. *See also* McNutt, R. L., Jr. *See also* Retherford, K. D. *See also* Reuter, D. C.
- Spencer, J. R.; Stern, S. A.; Cheng, A. F.; Weaver, H. A.; Reuter, D. C.; Retherford, K.; Lunsford, A.; Moore, J. M.; Abramov, O.; Lopes, R. M. C.; Perry, J. E.; Kamp, L.; Showalter, M.; Jessup, C. L.; Marchis, F.; Schenk, P. M.; Dumas, C.: Io volcanism seen by New Horizons: a major eruption of the Tvashtar volcano. p240 12 Oct 2007.
- Spencer, John. *See* Baines, Kevin H.
- Spencer, John R. *See* Showalter, Mark R.
- Spracklen, Dominick V. *See* Righelato, Renton.
- Springer, Mark S. *See* Janečka, Jan E.
- St. John, Oliver. *See* Hunt, Toby.
- Stadler, Volker. *See* Beyer, Mario.
- Stagg, H. *See* Whittaker, J. M.
- Stansbery, Eileen. *See* Meshik, Alex.
- Stasch, Andreas. *See* Green, Shaun P.
- Stäubert, Claudia. *See* Lalueza-Fox, Carles.
- Staudigel, Hubert. *See* Furnes, Harald.
- Staudte, A. *See* Akoury, D.
- Steffl, A. J. *See* Retherford, K. D.
- Steffl, Andrew J. *See* Gladstone, G. Randall.
- Stegh, Alexander H. *See* Stommel, Jayne M.
- Steinhardt, Paul J. *See* Lu, Peter J.
- Steitz, Joan A. *See* Vasudevan, Shobha.
- Steitz, Thomas A. *See* Bailey, Scott.
- Steneck, R. S. *See* Hoegh-Guldberg, O.
- Stephens, Len R. *See* Hawkins, Phillip T.
- Stern, A. *See* McComas, D. J.
- Stern, Peter: Decisions, decisions p593 26 Oct 2007.
- Stern, S. A. *See* Grundy, W. M. *See also* McNutt, R. L., Jr. *See also* Retherford, K. D. *See also* Reuter, D. C. *See also* Spencer, J. R.
- Stern, S. Alan. *See* Baines, Kevin H. *See also* Gladstone, G. Randall. *See also* Showalter, Mark R.
- Stevens, Raymond C. *See* Cherezov, Vadim. *See also* Rosenbaum, Daniel M.
- Stewart, A. F. *See* Augui, S.
- Stewart, Colin L.; Roux, Kyle J.; Burke, Brian: Blurring the boundary: the nuclear envelope extends its reach. p1408 30 Nov 2007.
- Stewart, M. D., Jr.; Yin, Aijun; Xu, J. M.; Valles, James M., Jr.: Superconducting pair correlations in an amorphous insulating nanohoneycomb film. p1273 23 Nov 2007.
- Stewart, Ron. *See* Yu, Junying.
- Stites, Edward C.; Tramont, Paul C.; Ma, Zhong; Ravichandran, Kodi S.: Network analysis of oncogenic Ras activation in cancer. p463 19 Oct 2007.
- Stocum, David L.: Acceptable nAGging (perspective). p754 2 Nov 2007.
- Stofan, Ellen R. *See* Waters, Thomas R.
- Stokstad, Erik (news): Did horny young dinosaurs cause illusion of separate species? p1236 23 Nov 2007. Jaw shows platypus goes way back. p1237 23 Nov 2007. Panel calls for pilot program for national indicators. p1051 16 Nov 2007. Parasites from fish farms driving wild salmon to extinction. p1711 14 Dec 2007. Snapshots from the meeting. p1237 23 Nov 2007.
- Stolarski, Jarosław; Meibom, Anders; Przeniosło, Radosław; Mazur, Maciej: A Cretaceous scleractinian coral with a calcitic skeleton. p92 5 Oct 2007.
- Stommel, Jayne M.; Kimmelman, Alec C.; Ying, Haoqiang; Nabioullin, Roustem; Ponugoti, Aditya H.; Wiedemeyer, Ruprecht; Stegh, Alexander H.; Bradner, James E.; Ligon, Keith L.; Brennan, Cameron; Chin, Lynda; DePinho, Ronald A.: Coactivation of receptor tyrosine kinases affects the response of tumor cells to targeted therapies. p287 12 Oct 2007.
- Stone, Richard (news): A culture under siege. p184 12 Oct 2007. Exploring alternatives in Myanmar's wild north. p186 12 Oct 2007. If you build it, will they come? p1228 23 Nov 2007. Max Planck's Asian venture rethinks its agenda. p902 9 Nov 2007. Myanmar's magic kingdom. p185 12 Oct 2007. Scientists fete China's supreme polymath. p733 2 Nov 2007. Thai science agency clamps down on sensitive research. p1537 7 Dec 2007.
- Stone, Richard. *See* Xin, Hao.
- Stoneking, Mark. *See* Lalueza-Fox, Carles.
- Stoner, Brian R. *See* Chakrapani, Vidhya.
- Stott, Lowell; Timmermann, Axel; Thunell, Robert: Southern Hemisphere and deep-sea warming led deglacial atmospheric CO₂ rise and tropical warming. p435 19 Oct 2007.
- Strahl, Brian D. *See* Rivenbark, Ashley G.
- Strait, D. S. *See* Begun, D. R.
- Strasser, Andreas. *See* Adams, Jerry M.
- Strauß, Tina. *See* Römer, Patrick.
- Strauss, Evelyn (news): Detoxifying enzyme helps animals stomach bacteria. p1853 21 Dec 2007.

Stremmlau, Matthew: Why Old World monkeys are resistant to HIV-1 (essays on science and society). p1565 7 Dec 2007. 2007 Grand Prize winner. p1566 7 Dec 2007. Regional winners. p1566 7 Dec 2007.

Strobel, D. F. *See* Retherford, K. D.

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Stuss, Donald T. *See* Rosenbaum, R. Shayna.

Su, Ee W. *See* Anderson, Ana C.

Su, Yingna. *See* Sakao, Tarō.

Südhof, Thomas C. *See* Tabuchi, Katsuhiko.

Suematsu, Y. *See* De Pontieu, B. *See also* Ichimoto, K. *See also* Katsukawa, Y. *See also* Okamoto, T. J.

Suematsu, Yoshinori. *See* Shibata, Kazunari.

Sugahara, Junichi. *See* Soma, Akiko.

Suh, Erick. *See* Wood, Laura D.

Sukumar, R. *See* Rodríguez, J. P.

Sukumar, Saraswati. *See* Wood, Laura D.

Sumanasekera, Gamini U. *See* Chakrapani, Vidhya.

Sumant, Anirudha V. *See* Cannara, Rachel J.

Sun, Chiao-Wang. *See* Hanna, Jacob.

Sunde, U. *See* Fliessbach, K.

Supriatna, Jatna. *See* Mittermeier, Russell A.

Sutton, Tim; Baumann, Ute; Hayes, Julie; Collins, Nicholas C.; Shi, Bu-Jun; Schnurbusch, Thorsten; Hay, Alison; Mayo, Gwenda; Pallotta, Margaret; Tester, Mark; Langridge, Peter: Boron-toxicity tolerance in barley arising from efflux transporter amplification. p1446 30 Nov 2007.

Svedin, Nina. *See* Sæther, Stein A.

Swart, Rob. *See* Raes, Frank.

Sweeney, Frédéric D. *See* Kolas, Nadine K.

Sykes, Kathy: The quality of public dialogue (editorial). p1349 30 Nov 2007.

Szabo, Steve. *See* Wood, Laura D.

Szwergold, Nava R. *See* Yin, Lei.

T

Tabashnik, Bruce E. *See* Soberón, Mario.

Taber, A. B. *See* Rodríguez, J. P.

Tabuchi, Katsuhiko; Blundell, Jacqueline; Etherton, Mark R.; Hammer, Robert E.; Liu, Xinran; Powell, Craig M.; Südhof, Thomas C.: A neuroigin-3 mutation implicated in autism increases inhibitory synaptic transmission in mice. p71 5 Oct 2007.

Täche, F. *See* Halloy, J.

Tachiki, M. *See* Ozyuzer, L.

Tachiki, T. *See* Ozyuzer, L.

Tadi, Tej. *See* Lenggenhager, Bigna.

Taillon, Bruce E. *See* Korb, Jan O.

Taira, A. *See* Moore, G. F.

Tagaki, Toshiyuki. *See* Fukuhara, Atsunori.

Takahashi, Yasuhiro. *See* Dey, Abhishek.

Takano, Junpei. *See* Miwa, Kyoko.

Tal, A. *See* Yermiyahu, U.

TallBear, Kimberly. *See* Bolnick, Deborah A.

Talon, Suzanne. *See* Charbonnel, Corinne.

Tamasloukht, M'Barek. *See* Drissner, David.

Tanaka, Keiji. *See* Mansouri, Farshad A.

Tanaka, Masaki. *See* Fukuhara, Atsunori.

Tanksley, Steven D. *See* Chen, Kai-Yi.

Tans, Sander J. *See* Bechtluft, Philipp.

Tanzer, Andrea. *See* Korb, Jan O.

Tanzhaus, Katrin. *See* Egloff, Sylvain.

Tarbell, T. D. *See* De Pontieu, B. *See also* Ichimoto, K. *See also* Katsukawa, Y. *See also* Okamoto, T. J.

Tarbell, Theodore D. *See* Shibata, Kazunari.

Tarchitzky, J. *See* Yermiyahu, U.

Tatem, Andrew J.: Effect of poor census data on population maps (letter). p43 5 Oct 2007.

Tatsuno, Masami. *See* Euston, David R.

Taylor, Alice. *See* Egloff, Sylvain.

Taylor, Susan S. *See* Wu, Jian.

Temple, Brenda R. *See* Johnston, Christopher A.

Tepper, Harald L. *See* Bechtluft, Philipp.

Terry, Astrid. *See* Merchant, Sabeeha S.

Terry, Irene; Walter, Gimme H.; Moore, Chris;

Roemer, Robert; Hull, Craig: Odor-mediated push-pull pollination in cycads. p70 5 Oct 2007.

Terry, Laura J.; Shows, Eric B.; Went, Susan R.: Crossing the nuclear envelope: hierarchical regulation of nucleocytoplasmic transport. p1412 30 Nov 2007.

Tesmer, John J. G. *See* Lutz, Susanne.

Tester, Mark. *See* Sutton, Tim.

Thaisen, Kevin. *See* Schieber, Juergen.

Thauer, Rudolf K.: A fifth pathway of carbon fixation (perspective). p1732 14 Dec 2007.

The New Horizons team. *See* Grundy, W. M.

The Pierre Auger Collaboration: Abraham, J.; Abreu, P.; Aglietta, M.; Aguirre, C.; Allard, D.; Allekotte, I.; Allen, J.; Allison, P.; Alvarez, C.; Alvarez-Muñiz, J.; Ambrosio, M.; Anchordoqui, L.; Andringa, S.; Anzalone, A.; Aramo, C.; Argiró, S.; Arisaka, K.; Armengaud, E.; Arneodo, F.; Arqueros, F.; Asch, T.; Asorey, H.; Assis, P.; Atulugama, B. S.; Aublin, J.; Ave, M.; Avila, G.; Bäcker, T.; Badagnani, D.; Barbosa, A. F.; Barnhill, D.; Barroso, S. L. C.; Bauleo, P.; Beatty, J.; Beau, T.; Becker, B. R.; Becker, K. H.; Bellido, J. A.; BenZvi, S.; Berat, C.; Bergmann, T.; Bernardini, P.; Bertou, X.; Biemann, P. L.; Billoir, P.; Blanchigas, O.; Blanco, F.; Blasi, P.; Bleve, C.; Blümer, H.; Boháčová, M.; Bonifazi, C.; Bonino, R.; Boratav, M.; Brack, J.; Brogueira, P.; Brown, W. C.; Buchholz, P.; Bueno, A.; Busca, N. G.; Caballero-Mora, K. S.; Cai, B.; Camin, D. V.; Caruso, R.; Carvalho, W.; Castellina, A.; Catalano, O.; Cataldi, G.; Cazón-Boado, L.; Cester, R.; Chauvin, J.; Chiavassa, A.; Chinellato, J. A.; Chou, A.; Chye, J.; Clark, P. D. J.; Clay, R. W.; Colombo, E.; Conceição, R.; Connolly, B.; Contreras, F.; Coppens, J.; Cordier, A.; Cotti, U.; Couto, S.; Covault, C. E.; Creusot, A.; Cronin, J.; Dagoret-Campagne, S.; Daumiller, K.; Dawson, B. R.; de Almeida, R. M.; De Donato, C.; de Jong, S. J.; De La Vega, G.; de Mello Junior, W. J. M.; de Mello Neto, J. R. T.; De Mitri, I.; de Souza, V.; del Peral, L.; Deligny, O.; Della Selva, A.; Delle Fratte, C.; Dembinski, H.; Di Giulio, C.; Diaz, J. C.; Dobrigkeit, C.; D'Olivo, J. C.; Dornic, D.; Dorofeev, A.; dos Anjos, J. C.; Dova, M. T.; D'Urso, D.; DuVernois, M. A.; Engel, R.; Epele, L.; Erdmann, M.; Escobar, C. O.; Etchegoyen, A.; Facal San Luis, P.; Falcke, H.; Farrar, G.; Fauth, A. C.; Fazzini, N.; Fernández, A.; Ferrer, F.; Ferry, S.; Fick, B.; Filevich, A.; Filipčić, A.; Fleck, I.; Fonte, R.; Fracchiolla, C. E.; Fulgione, W.; García, B.; García, Gámez D.; Garcia-Pinto, D.; Garrido, X.; Geenen, H.; Gelmini, G.; Gemmeke, H.; Ghia, P. L.; Giller, M.; Glass, H.; Gold, M. S.; Golup, G.; Gomez Albarracin, F.; Gómez Berisso, M.; Gómez Herrero, R.; Gonçalves, P.; Gonçalves do Amaral, M.; Gonzalez, D.; Gonzalez, J. G.; González, M.; Góra, D.; Gorgi, A.; Gouffon, P.; Grassi, V.; Grillo, A.; Grunfeld, C.; Guardincerri, Y.; Guarino, F.; Guedes, G. P.; Gutiérrez, J.; Hague, J. D.; Hamilton, J. C.; Hansen, P.; Harari, D.; Harmsma, S.; Harton, J. L.; Haungs, A.; Hauschildt, T.; Healy, M. D.; Hebbeker, T.; Heck, D.; Hojvat, C.; Holmes, V. C.; Homola, P.; Hörandel, J.; Homeffer, A.; Horvat, M.; Hrabovský, M.; Hüge, T.; Iarlori, M.; Insolia, A.; Ionita, F.; Italiano, A.; Kaducak, M.; Kampert, K. H.; Keilhauer, B.; Kemp, E.; Kieckhafer, R. M.; Klages, H. O.; Kleifges, M.; Kleinfeller, J.; Knapik, R.; Knapp, J.; Koang, D.-H.; Kopmann, A.; Krieger, A.; Krömer, O.; Kümpel, D.; Kunka, N.; Kusenko, A.; La Rosa, G.; Lachaud, C.; Lago, B. L.; Lebrun, D.; LeBrun, P.; Lee, J.; Leigui de Oliveira, M. A.; Letessier-Selvon, A.; Leuthold, M.; Lhenry-Yvon, I.; López, R.; Lopez Agüera, A.; Lozano Bahilo, J.; Maccarone, M. C.; Macolino, C.; Maldera, S.; Malek, M.; Mancarella, G.; Manceñido, M. E.; Mandat, D.; Mantsch, P.; Mariazzi, A. G.; Maris, I. C.; Martello, D.; Martínez, J.; Martínez Bravo, O.; Mathes, H. J.; Matthews, J.; Matthews, J. A. J.; Matthiae, G.; Maurizio, D.; Mazur, P. O.; McCauley,

T.; McEwen, M.; McNeil, R. R.; Medina, M. C.; Medina-Tanco, G.; Meli, A.; Melo, D.; Menichetti, E.; Menshchikov, A.; Meurer, Chr.; Meyhandan, R.; Micheletti, M. I.; Miele, G.; Miller, W.; Mollerach, S.; Monaster, M.; Monnier Ragaigne, D.; Montanet, F.; Morales, B.; Morello, C.; Moreno, E.; Moreno, J. C.; Morris, C.; Mostafá, M.; Muller, M. A.; Mussa, R.; Navarra, G.; Navarro, J. L.; Navas, S.; Nellen, L.; Newman-Holmes, C.; Newton, D.; Nguyen Thi, T.; Nierstenhöfer, N.; Nitz, D.; Nosek, D.; Nožka, L.; Oehlschlager, J.; Ohnuki, T.; Olinto, A.; Olmos-Gilbaja, V. M.; Ortiz, M.; Ostapchenko, S.; Otero, L.; Pakk Selmi-Dei, D.; Palatka, M.; Pallotta, J.; Parente, G.; Parizot, E.; Parlati, S.; Pastor, S.; Patel, M.; Paul, T.; Pavlidou, V.; Payet, K.; Pech, M.; Pękala, J.; Pelayo, R.; Pepe, I. M.; Perrone, L.; Petretera, S.; Petrinca, P.; Petrov, Y.; Pham Ngoc, Diep; Pham Ngoc, Dong; Pham Thi, T. N.; Pichel, A.; Piegaia, R.; Pierog, T.; Pimenta, M.; Pinto, T.; Pirronello, V.; Pisanti, O.; Platino, M.; Pochon, J.; Porter, T. A.; Privitera, P.; Prouza, M.; Quel, E. J.; Rautenberg, J.; Reucroft, S.; Revenu, B.; Rezende, F. A. S.; Řídký, J.; Riggi, S.; Risse, M.; Rivière, C.; Rizi, V.; Roberts, M.; Robledo, C.; Rodriguez, G.; Rodríguez Frias, D.; Rodriguez Martino, J.; Rodriguez Rojo, J.; Rodriguez-Cabo, I.; Ros, G.; Rosado, J.; Roth, M.; Rouillé-d'Orfeuill, B.; Roulet, E.; Rovero, A. C.; Salamita, F.; Salazar, H.; Salina, G.; Sánchez, F.; Santander, M.; Santo, C. E.; Santos, E. M.; Sarazin, F.; Sarkar, S.; Sato, R.; Scherini, V.; Schieler, H.; Schmidt, F.; Schmidt, T.; Scholten, O.; Schovánek, P.; Schüssler, F.; Sciutto, S. J.; Scuderi, M.; Segreto, A.; Semikoz, D.; Settimo, M.; Shellard, R. C.; Sidelnik, I.; Siffert, B. B.; Sigl, G.; Smetniansky De Grande, N.; Smiakowski, A.; Šmída, R.; Smith, A. G. K.; Smith, B. E.; Snow, G. R.; Sokolsky, P.; Sommers, P.; Sorokin, J.; Spinka, H.; Squartini, R.; Strazzeri, E.; Stutz, A.; Suarez, F.; Suomijärvi, T.; Supanitsky, A. D.; Sutherland, M. S.; Swain, J.; Szadkowski, Z.; Takahashi, J.; Tamashiro, A.; Tamburo, A.; Taşcau, O.; Tcaciuc, R.; Thomas, D.; Ticona, R.; Tiffenberg, J.; Timmermans, C.; Tkaczyk, W.; Toderó Peixoto, C. J.; Tomé, B.; Tonachini, A.; Torresi, D.; Travnické, P.; Tripathi, A.; Tristram, G.; Tscherniakovski, D.; Tueros, M.; Tunnicliffe, V.; Ulrich, R.; Unger, M.; Urban, M.; Valdés Galicia, J. F.; Valiño, I.; Valore, L.; van den Berg, A. M.; van Elewyck, V.; Vázquez, R. A.; Veberič, D.; Veiga, A.; Velarde, A.; Venters, T.; Verzi, V.; Videla, M.; Villaseñor, L.; Vorobiov, S.; Voyvodic, L.; Wahlberg, H.; Wainberg, O.; Waldenmaier, T.; Walker, P.; Warner, D.; Watson, A. A.; Westerhoff, S.; Wiecek, G.; Wiencke, L.; Wilczyńska, B.; Wilczyński, H.; Wileman, C.; Winnick, M. G.; Wu, H.; Wundheiler, B.; Xu, J.; Yamamoto, T.; Younk, P.; Zas, E.; Zavrtnik, D.; Zavrtnik, M.; Zech, A.; Zepeda, A.; Ziolkowski, M.: Correlation of the highest-energy cosmic rays with nearby extragalactic objects. p938 9 Nov 2007.

Theodoris, Christina. *See* Smith, Joel.

Thian, Foon Sun. *See* Cherezov, Vadim. *See also* Rosenbaum, Daniel M.

Thomas, Jessica. *See* Diamond, Adele.

Thomas, P. C. *See* Porco, C. C.

Thomas, Peter C. *See* Charnoz, Sébastien.

Thompson, Benjamin R. *See* Gimelbrant, Alexander.

Thompson, Darren A. *See* Candille, Sophie I.

Thompson, J. C. *See* Akoury, D.

Thomson, James A. *See* Yu, Junying.

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Thormodsgard, J. *See* Myers, M. D.

Thorne, James H. *See* Grivetz, Evan H.

Thorpe, S. K. S. *See* Crompton, R. H.

Thorpe, S. K. S.; Holder, R. L.; Crompton, R. H.: The origins of human bipedalism (letter). p1065 16 Nov 2007.

Throop, H. B. *See* Grundy, W. M. *See also* Retherford, K. D.

- Throop, Henry. *See* Baines, Kevin H. *See also* Gladstone, G. Randall.
- Throop, Henry B. *See* Showalter, Mark R.
- Thunell, Robert. *See* Stott, Lowell.
- Tian, Shulan. *See* Yu, Junying.
- Timmermann, Axel. *See* Stott, Lowell.
- Title, A. M. *See* De Pontieu, B. *See also* Ichimoto, K. *See also* Katsukawa, Y. *See also* Okamoto, T. J.
- Title, Alan M. *See* Shibata, Kazunari.
- Titze, J. *See* Akoury, D.
- Tobin, H. J. *See* Moore, G. F.
- Tolbert, Sarah H. *See* Chung, Hsiu-Ying.
- Tolter, Dimitri. *See* Pouchkina-Stantcheva, Natalia N.
- Tomasello, Michael. *See* Jensen, Keith.
- Tomita, Masaru. *See* Soma, Akiko.
- Tomkiewicz, Danuta. *See* Bechtluft, Philipp.
- Tong, Yingchun. *See* Vasudevan, Shobha.
- Tonner, Ralf. *See* Frenking, Gernot.
- Toroney, Rebecca. *See* Nallagatla, Subba Rao.
- Torralla, Gloria. *See* Beyer, Mario.
- Torrealba, Fernando. *See* Contreras, Marco.
- Toth, Amy L.; Varala, Kranthi; Newman, Thomas C.; Miguez, Fernando E.; Hutchison, Stephen K.; Willoughby, David A.; Simons, Jan Fredrik; Egholm, Michael; Hunt, James H.; Hudson, Matthew E.; Robinson, Gene E.: Wasp gene expression supports an evolutionary link between maternal behavior and eusociality. p441 19 Oct 2007.
- Touchman, Jeffrey W. *See* Trent, Jeffrey M.
- Townes, Tim M. *See* Hanna, Jacob.
- Träff, Johan. *See* Sæther, Stein A.
- Tramont, Paul C. *See* Stites, Edward C.
- Trautner, P. *See* Fliessbach, K.
- Travis, John (news): Do wandering albatrosses care about math? p742 2 Nov 2007. London's superlab faces hurdles. p1704 14 Dec 2007. Return of the matrix. p1400 30 Nov 2007.
- Trent, Jeffrey M. and Touchman, Jeffrey W.: The gene topography of cancer (perspective). p1079 16 Nov 2007.
- Trinkle-Mulcahy, Laura and Lamond, Angus I.: Toward a high-resolution view of nuclear dynamics. p1402 30 Nov 2007.
- Trojer, Patrick. *See* Lee, Min Gyu.
- Trunk, Ulrich. *See* Beyer, Mario.
- Truxaw, Danielle. *See* Krasnow, Max M.
- Tsukada, Hideo. *See* Nishimura, Yukio.
- Tsuneta, S. *See* Certain, J. W. *See also* De Pontieu, B. *See also* Ichimoto, K. *See also* Katsukawa, Y. *See also* Okamoto, T. J.
- Tsuneta, Saku. *See* Sakao, Taro. *See also* Shibata, Kazunari.
- Tulving, Endel. *See* Rosenbaum, R. Shayna.
- Tung, Yi-Chun Loraine. *See* Gerken, Thomas.
- Tunnacliffe, Alan. *See* Pouchkina-Stantcheva, Natalia N.
- Turberfield, Andrew J. *See* Zhang, David Yu.
- Turekian, Vaughan. *See* Leshner, Alan I.
- Turok, N. *See* Cruz, M.
- Tuteja, Anish; Choi, Wonjae; Ma, Minglin; Mabry, Joseph M.; Mazzella, Sarah A.; Rutledge, Gregory C.; McKinley, Gareth H.; Cohen, Robert E.: Designing superoleophobic surfaces. p1618 7 Dec 2007.
- Tyreman, Matthew. *See* Bechtluft, Philipp.
- van der Windt, Dirk J.; Kok, Niels F. M.; Ijzermans, Jan: Estrogen and tumors: for better or for worse? (letter). p1239 23 Nov 2007.
- van Leeuwen, Ruud G. H. *See* Bechtluft, Philipp.
- Van Oost, K.; Quine, T. A.; Govers, G.; De Gryze, S.; Six, J.; Harden, J. W.; Ritchie, J. C.; McCarty, G. W.; Heckrath, G.; Kosmas, C.; Giraldez, J. V.; Marques da Silva, J. R.; Merckx, R.: The impact of agricultural soil erosion on the global carbon cycle. p626 26 Oct 2007.
- van Ripper, C., III. *See* Myers, M. D.
- van Soest, Matthijs C. *See* Kennedy, B. Mack.
- van Veenendaal, M. *See* Chakhalian, J.
- Van Wagner, Elizabeth. *See* Park, Ho Bum.
- Vana, Marko. *See* Kulmala, Markku.
- Vandegriff, J. *See* McNutt, R. L., Jr.
- Vandersypen, L. M. K. *See* Nowack, K. C.
- vanEngelsdorp, Dennis. *See* Cox-Foster, Diana L.
- Varala, Kranthi. *See* Toth, Amy L.
- Vasudevan, Shobha; Tong, Yingchun; Steitz, Joan A.: Switching from repression to activation: microRNAs can up-regulate translation. p1931 21 Dec 2007.
- Veen, Thor. *See* Sæther, Stein A.
- Velculescu, Victor E. *See* Huang, Chuan-Hsiang. *See also* Wood, Laura D.
- Vendruscolo, Michele. *See* Knowles, Tuomas P.
- Verma, O. *See* Prasad, G. V. R.
- Versteeg, M. H. *See* Retherford, K. D.
- Versteeg, Maarten. *See* Gladstone, G. Randall.
- Vettel, Christiane. *See* Lutz, Susanne.
- Vielva, P. *See* Cruz, M.
- Vilatela, Juan. *See* Koziol, Krzysztof.
- Villa, Raffaella. *See* Lee, Min Gyu.
- Visser, André W.: Mixing it up with krill (letter). p1239 23 Nov 2007.
- Vodyanik, Maxim A. *See* Yu, Junying.
- Vogel, Gretchen (news): European science by the numbers. p34 5 Oct 2007. Germany finally picks a national science academy. p1367 30 Nov 2007. A knockout award in medicine. p178 12 Oct 2007.
- Vogel, Gretchen and Holden, Constance (news): Field leaps forward with new stem cell advances. p1224 23 Nov 2007.
- Vogelstein, Bert. *See* Huang, Chuan-Hsiang. *See also* Wood, Laura D.
- Vogler, Alfred P. *See* Hunt, Toby.
- von Cramon, D. Yves. *See* Klein, Tilmann A.
- von Daake, Sventja. *See* Wu, Jian.
- von Hobe, Marc: Revisiting ozone depletion (perspective). p1878 21 Dec 2007.
- Voss, David. *See* Hanson, Brooks. *See also* Lavine, Marc S.
- Vrebalov, Julia. *See* Chen, Kai-Yi.
- Waas, Anthony M. *See* Podsiadlo, Paul.
- Wagshul, Mark E. *See* Manganas, Louis N.
- Waitt, Gregory M. *See* Yin, Lei.
- Wallraff, A. *See* Leek, P. J.
- Walter, Gimme H. *See* Terry, Irene.
- Walter, K. M.; Edwards, M. E.; Grosse, G.; Zimov, S. A.; Chapin, F. S., III: Thermokarst lakes as a source of atmospheric CH₄ during the last deglaciation. p633 26 Oct 2007.
- Walter, Peter. *See* Lin, Jonathan H.
- Wan, Fang-Hao. *See* Liu, Shu-Sheng.
- Wang, Bo. *See* Gu, Liangcai.
- Wang, G.T. *See* Moore, R. G.
- Wang, Guangyu; Innes, John L.; Lei, Jiafu; Dai, Shuanyou; Wu, Sara W.: China's forestry reforms. p1556 7 Dec 2007.
- Wang, Haiyang. *See* Lin, Rongcheng.
- Wang, Jean C. Y. *See* Kennedy, James A.
- Wang, Jean Y. *See* Brady, Siobhan M.
- Wang, Qiming J. *See* Bai, Xiaochun.
- Wang, Yanbin. *See* Hilairat, Nadege.
- Wang, Zhe. *See* Feng, Liang.
- Watanabe, Eijiro. *See* Fukuhara, Atsumori.
- Watanabe, Hiroko. *See* Shibata, Kazunari.
- Watters, Thomas R.; Campbell, Bruce; Carter, Lynn; Leuschen, Carl J.; Plaut, Jeffrey J.; Picardi, Giovanni; Orosei, Roberto; Safaenili, Ali; Clifford, Stephen M.; Farrell, William M.; Ivanov, Anton B.; Phillips, Roger J.; Stefan, Ellen R.: Radar sounding of the Medusae Fossae Formation Mars: equatorial ice or dry, low-density deposits? p1125 16 Nov 2007.
- Watts, Raymond D.; Compton, Roger W.; McCammon, John H.; Rich, Carl L.; Wright, Stewart M.; Owens, Tom; Ouren, Douglas S.: Response to comment on "Roadless space of the conterminous United States" (technical comment). p1240 23 Nov 2007. www.sciencemag.org/cgi/content/full/318/5854/1240c.
- Weaver, H. A. *See* Grundy, W. M. *See also* McNutt, R. L., Jr. *See also* Retherford, K. D. *See also* Reuter, D. C. *See also* Spencer, J. R.
- Weaver, Harold A. *See* Baines, Kevin H. *See also* Gladstone, G. Randall. *See also* Showalter, Mark R.
- Webb, Alex A. R. *See* Dodd, Antony N.
- Webby, Celia J. *See* Gerken, Thomas.
- Weber, B. *See* Fliessbach, K.
- Weber, M. *See* Cirtain, J. W.
- Weber, Mark. *See* Reale, Fabio.
- Weber, Mark A. *See* Aulanier, Guillaume.
- Weber, Th. *See* Akoury, D.
- Weinberger, Michelle B. *See* Chung, Hsiu-Ying.
- Weinhold, Frank and Landis, Clark R.: The ABCs of multiple bonding (letter). p746 2 Nov 2007.
- Weir, Alex A. S. *See* Rutz, Christian.
- Weis, William I. *See* Cherezov, Vadim. *See also* Rosenbaum, Daniel M.
- Weiss, J. W. *See* Porco, C. C.
- Weissman, Irving L. *See* Czechowicz, Agnieszka.
- Weissman, Sherman M. *See* Korb, Jan O.
- Weitz, David A. *See* Schall, Peter.
- Welland, Mark E. *See* Knowles, Tuomas P.
- Wells, A. J.: review of *Heartfelt Emotions*, by the Wellcome Collection. p199 12 Oct 2007. review of *The Heart*, by James Peto, Ed. p199 12 Oct 2007.
- Welp, U. *See* Ozyuzer, L.
- Wenger, Jay. *See* Grassly, Nicholas C.
- Wente, Susan R. *See* Terry, Laura J.
- Wernig, Marius. *See* Hanna, Jacob.
- Weygand, Daniel. *See* Csikor, Ferenc F.
- Whetten, Robert L. and Price, Ryan C.: Nanogolden order (perspective). p407 19 Oct 2007.
- White, M. Christina. *See* Chen, Mark S.
- Whiteley, Louise: review of *A Disappearing Number*, conceived and directed by Simon McBurney, devised by Complicite. p47 5 Oct 2007. review of *Le Laboratoire*. p1871 21 Dec 2007.
- Whitfield, John (news): Who's the queen? Ask the genes. p910 9 Nov 2007.
- Whittaker, J. M.; Müller, R. D.; Leitchenkov, G.; Stagg, H.; Sdrolias, M.; Gaina, C.; Goncharov, A.: Major Australian-Antarctic plate reorganization at Hawaiian-Emperor bend time. p83 5 Oct 2007.
- Wicks, Charles. *See* Chang, Wu-Lung.
- Wiedemeyer, Ruprecht. *See* Stommel, Jayne M.
- Wiedmann, Steffen. *See* König, Markus.
- Wieland, Thomas. *See* Lutz, Susanne.
- Wiens, Frank. *See* Janečka, Jan E.
- Wiens, Roger. *See* Meshik, Alex.
- Wild, Ruth. *See* Hunt, Toby.
- Wilde, W. *See* Myers, M. D.
- Wildenhain, Jan. *See* Kolas, Nadine K.
- Wiley, Chris. *See* Sæther, Stein A.
- Wilks, Yorick: Is there progress on talking sensibly to machines? (perspective). p927 9 Nov 2007.
- Willard, Francis S. *See* Johnston, Christopher A.
- Willis, Joseph. *See* Wood, Laura D.
- Willoughby, David A. *See* Toth, Amy L.
- Willson, James K. V. *See* Wood, Laura D.
- Wilson, Paul A. *See* Wood, Laura D.
- Wilson, Rachel I.: Neural circuits underlying chemical perception (essays on science and society). p584 26 Oct 2007. 2007 Grand Prize winner. p585 26 Oct 2007.

U, V, W, X, and Y

- Uchikoshi, M. *See* Arakawa, K.
- UeNo, Satoru. *See* Shibata, Kazunari.
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- Urban, Alexander Eckehart. *See* Korb, Jan O.
- Ustyansky, Vadim. *See* Wood, Laura D.
- Vaimikka, Anssi. *See* Jørgensen, Christian.
- Valek, P. *See* McComas, D. J.
- Valladares-Padua, C. *See* Rodríguez, J. P.
- Valles, James M., Jr. *See* Stewart, M. D., Jr.
- Vallon, Olivier. *See* Merchant, Sabeeha S.
- van Ballegooijen, A. *See* Cirtain, J. W.
- Van der Voo, Rob. *See* Rowe, Clinton M.

- Windle, Alan. *See* Koziol, Krzysztof.
- Winfree, Erik. *See* Zhang, David Yu.
- Wing, Rod. *See* Chen, Kai-Yi.
- Wirth, Brian D.: How does radiation damage materials? (perspective). p923 9 Nov 2007.
- Wisely, G. Bruce. *See* Yin, Lei.
- Wisse, Brent E.; Kim, Francis; Schwartz, Michael W.: An integrative view of obesity (perspective). p928 9 Nov 2007.
- Witman, George B. *See* Merchant, Sabeeha S.
- Wolter, Scott D. *See* Chakrapani, Vidhya.
- Wong, Michael H. *See* Ádámkóvics, Máté.
- Wood, Laura D.; Parsons, D. Williams; Jones, Siân; Lin, Jimmy; Sjöblom, Tobias; Leary, Rebecca J.; Shen, Dong; Boca, Simina M.; Barber, Thomas; Ptak, Janine; Silliman, Natalie; Szabo, Steve; Dezso, Zoltan; Ustyanksky, Vadim; Nikolskaya, Tatiana; Nikolsky, Yuri; Karchin, Rachel; Wilson, Paul A.; Kaminker, Joshua S.; Zhang, Zemin; Croshaw, Randal; Willis, Joseph; Dawson, Dawn; Shipitsin, Michail; Willson, James K. V.; Sukumar, Saraswati; Polyak, Kornelia; Park, Ben Ho; Pethiyagoda, Charit L.; Pant, P. V. Krishna; Ballinger, Dennis G.; Sparks, Andrew B.; Hartigan, James; Smith, Douglas R.; Suh, Erick; Papadopoulos, Nickolas; Buckhaults, Phillip; Markowitz, Sanford D.; Parmigiani, Giovanni; Kinzler, Kenneth W.; Velculescu, Victor E.; Vogelstein, Bert: The genomic landscapes of human breast and colorectal cancers. p1108 16 Nov 2007.
- Woodman, Geoffrey F. *See* Schall, Jeffrey D.
- Wray, K. Brad: The age-old question of researcher innovation (letter). p1549 7 Dec 2007.
- Wright, Stewart M. *See* Watts, Raymond D.
- Wu, Jian; Brown, Simon H. J.; von Daake, Sventja; Taylor, Susan S.: PKA type II α holoenzyme reveals a combinatorial strategy for isoform diversity. p274 12 Oct 2007.
- Wu, Li-Chen. *See* Hanna, Jacob.
- Wu, Nan. *See* Yin, Lei.
- Wu, Sara W. *See* Wang, Guangyu.
- Wu, Zhuoru. *See* Feng, Liang.
- Xin, Hao and Stone, Richard (news): China's crystal-sharp moon map sets the Internet abuzz. p1705 14 Dec 2007.
- Xu, J. M. *See* Stewart, M. D., Jr.
- Xu, Jiadi. *See* Podsiadlo, Paul.
- Xu, Jing. *See* Liu, Shu-Sheng.
- Yachie, Nozomu. *See* Soma, Akiko.
- Yamaguchi, H. *See* Ozyuzer, L.
- Yamamoto, T. *See* Ozyuzer, L.
- Yamanaka, Shinya. *See* Fukuhara, Atsunori.
- Yamashita, Shizuya. *See* Fukuhara, Atsunori.
- Yan, Hanchi. *See* Feng, Liang.
- Yan, Kai-Ping. *See* Lee, Min Gyu.
- Yan, Nieng. *See* Feng, Liang.
- Yanamandra-Fisher, Padma. *See* Baines, Kevin H.
- Yang, Ding-Shyue. *See* Baum, Peter.
- Yang, Fengtang. *See* Korbel, Jan O.
- Yang, Jenn-Ming. *See* Chung, Hsiu-Ying.
- Yang, Shao-Nian. *See* Illies, Christopher.
- Yao, Xiao-Jie. *See* Rosenbaum, Daniel M.
- Yasumura, Douglas. *See* Lin, Jonathan H.
- Yeates, Todd O. and Clubb, Robert T.: How some pili pull (perspective). p1558 7 Dec 2007.
- Yen, Michael H. *See* Karnik, Satyajit K.
- Yeo, Giles S. H. *See* Gerken, Thomas.
- Yermiyahu, U.; Tal, A.; Ben-Gal, A.; Bar-Tal, A.; Tarchitzky, J.; Lahav, O.: Rethinking desalinated water quality and agriculture. p920 9 Nov 2007.
- Yiangou, Yiangos. *See* Scheiermann, Christoph.
- Yin, Aijun. *See* Stewart, M. D., Jr.
- Yin, Lei; Wu, Nan; Curtin, Joshua C.; Qatanani, Mohammed; Szwergold, Nava R.; Reid, Robert A.; Waitt, Gregory M.; Parks, Derek J.; Pearce, Kenneth H.; Wisely, G. Bruce; Lazar, Mitchell A.: Rev-erba, a heme sensor that coordinates metabolic and circadian pathways. p1786 14 Dec 2007.
- Ying, Haoqiang. *See* Stommel, Jayne M.
- Ylanko, Jarkko. *See* Kolas, Nadine K.
- Young, L. A. *See* Retherford, K. D. *See also* Reuter, D. C.
- Young, Leslie A. *See* Baines, Kevin H. *See also* Gladstone, G. Randall.
- Yu, Alan S. L. *See* Scheiermann, Christoph.
- Yu, Bin. *See* Candille, Sophie I.
- Yu, Jia. *See* Illies, Christopher.
- Yu, Jin. *See* Hohng, Sungchul.
- Yu, Junying; Vodyanik, Maxim A.; Smuga-Otto, Kim; Antosiewicz-Bourget, Jessica; Frane, Jennifer L.; Tian, Shulan; Nie, Jeff; Jongsdottir, Gudrun A.; Ruotti, Victor; Stewart, Ron; Slukvin, Igor I.; Thomson, James A.: Induced pluripotent stem cell lines derived from human somatic cells. p1917 21 Dec 2007.
- Yue, Yanling. *See* Liu, Xigang.
- Yun, Sun Jin. *See* Qazilbash, M. M.
- Yurke, Bernard. *See* Zhang, David Yu.

Z

- Zaiser, Michael. *See* Csikor, Ferenc F.
- Zakri, Cécile. *See* Miaudet, Pierre.
- Zala, Krista (news): Dirty science: soil forensics digs into new techniques. p386 19 Oct 2007.
- Zanchetta, Giuliano. *See* Nakata, Michi.
- Zang, Lian-Sheng. *See* Liu, Shu-Sheng.
- Zapperi, Stefano. *See* Csikor, Ferenc F.
- Zeanah, Charles H. *See* Nelson, Charles A., III.
- Zeng, Hongcheng. *See* Chambers, Jeffrey Q.
- Zewail, Ahmed H. *See* Baum, Peter.
- Zhai, Junhui. *See* Cox-Foster, Diana L.
- Zhang, Andrew Y. *See* Karnik, Satyajit K.
- Zhang, Chao. *See* Lin, Jonathan H.
- Zhang, David Yu; Turberfield, Andrew J.; Yurke, Bernard; Winfree, Erik: Engineering entropy-driven reactions and networks catalyzed by DNA. p1121 16 Nov 2007.
- Zhang, Jiandi. *See* Moore, R. G.
- Zhang, Shou-Cheng. *See* König, Markus.
- Zhang, Xueying. *See* Manganas, Louis N.
- Zhang, Zemin. *See* Kayagaki, Nobuhiko. *See also* Wood, Laura D.
- Zhao, Yingming. *See* Chang, Bingsheng.
- Zheng, Xiaofeng. *See* Nallagatla, Subba Rao.
- Zhi, Lu. *See* Mittermeier, Russell A.
- Zhou, Ruobo. *See* Hohng, Sungchul.
- Zhu, Yiwen. *See* Sorek, Rotem.
- Zhu, Zhaoming; Gauthier, Daniel J.; Boyd, Robert W.: Stored light in an optical fiber via stimulated Brillouin scattering. p1748 14 Dec 2007.
- Zimov, S. A. *See* Walter, K. M.
- Zinkle, Steven J. *See* Matsukawa, Yoshitaka.
- Zitzmann, Annette. *See* Janečka, Jan E.
- Zuber, Maria T. *See* Halevy, Itay.