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@article{Akin_Mullins_2008, title={Capping Protein Increases the Rate of Actin-Based Motility by Promoting Filament Nucleation by the Arp2/3 Complex}, volume={133}, DOI={10.1016/j.cell.2008.04.011}, number={5}, journal={Cell}, author={Akin, Orkun and Mullins, R. Dyche}, year={2008}, month={May}, pages={841-851} }

@book{Alberts, Bruce_2008a, address={Abingdon}, edition={Reference ed., 5th ed}, title={Molecular biology of the cell}, publisher={Garland Science}, author={Alberts, Bruce}, year={2008} }

@book{Alberts, Bruce_2008b, address={Abingdon}, edition={Reference ed., 5th ed}, title={Molecular biology of the cell}, publisher={Garland Science}, author={Alberts, Bruce}, year={2008} }

@book{Alberts, Bruce_2008c, address={Abingdon}, edition={Reference ed., 5th ed}, title={Molecular biology of the cell}, publisher={Garland Science}, author={Alberts, Bruce}, year={2008} }

@book{Alberts, Bruce_2010, address={London}, edition={3rd ed}, title={Essential cell biology}, publisher={Garland Science}, author={Alberts, Bruce}, year={2010} }

@article{Baker_Wijshake_Tchkonia_LeBasseur_Childs_van de Sluis_Kirkland_van Deursen_2011, title={Clearance of p16Ink4a-positive senescent cells delays ageing-associated disorders}, volume={479}, DOI={10.1038/nature10600}, number={7372}, journal={Nature}, author={Baker, Darren J. and Wijshake, Tobias and Tchkonia, Tamar and LeBasseur, Nathan K. and Childs, Bennett G. and van de Sluis, Bart and Kirkland, James L. and van Deursen, Jan M.}, year={2011}, month={Nov}, pages={232-236} }

@article{Bartek_Lukas_2007, title={DNA damage checkpoints: from initiation to recovery or adaptation}, volume={19}, DOI={10.1016/j.ceb.2007.02.009}, number={2}, journal={Current Opinion in Cell Biology}, author={Bartek, Jiri and Lukas, Jiri}, year={2007}, month={Apr}, pages={238-245} }

@article{Bordeleau_Myrand Lapierre_Sheng_Marceau_2012, title={Keratin 8/18 Regulation of Cell Stiffness-Extracellular Matrix Interplay through Modulation of Rho-Mediated Actin Cytoskeleton Dynamics}, volume={7}, DOI={10.1371/journal.pone.0038780}, number={6}, journal={PLoS ONE}, author={Bordeleau, François and Myrand Lapierre, Marie-Eve and Sheng, Yunlong and Marceau, Normand}, year={2012}, month={Jun} }

@article{Brock_Chang_Huang_2009, title={Non-genetic heterogeneity — a

mutation-independent driving force for the somatic evolution of tumours}, volume={10}, DOI={10.1038/nrg2556}, number={5}, journal={Nature Reviews Genetics}, author={Brock, Amy and Chang, Hannah and Huang, Sui}, year={2009}, month={May}, pages={336-342} }

@article{Brunet_Bonni_Zigmond_Lin_Juo_Hu_Anderson_Arden_Blenis_Greenberg_1999, title={Akt Promotes Cell Survival by Phosphorylating and Inhibiting a Forkhead Transcription Factor}, volume={96}, DOI={10.1016/S0092-8674(00)80595-4}, number={6}, journal={Cell}, author={Brunet, Anne and Bonni, Azad and Zigmond, Michael J and Lin, Michael Z and Juo, Peter and Hu, Linda S and Anderson, Michael J and Arden, Karen C and Blenis, John and Greenberg, Michael E}, year={1999}, month={Mar}, pages={857-868} }

@article{Campellone_Welch_2010, title={A nucleator arms race: cellular control of actin assembly}, volume={11}, DOI={10.1038/nrm2867}, number={4}, journal={Nature Reviews Microbiology}, author={Campellone, Kenneth G. and Welch, Matthew D.}, year={2010}, month={Mar}, pages={237-251} }

@article{Chang_Barlan_Chou_Grin_Lakonishok_Serpinskaya_Shumaker_Herrmann_Gelfand_Goldman_2009, title={The dynamic properties of intermediate filaments during organelle transport}, volume={122}, DOI={10.1242/jcs.046789}, number={16}, journal={Journal of Cell Science}, author={Chang, L. and Barlan, K. and Chou, Y.-H. and Grin, B. and Lakonishok, M. and Serpinskaya, A. S. and Shumaker, D. K. and Herrmann, H. and Gelfand, V. I. and Goldman, R. D.}, year={2009}, month={Jul}, pages={2914-2923} }

@article{Chen_Chi_Mutalif_Starost_Myers_Anderson_Stewart_Jeang_2012, title={Accumulation of the Inner Nuclear Envelope Protein Sun1 Is Pathogenic in Progeric and Dystrophic Laminopathies}, volume={149}, DOI={10.1016/j.cell.2012.01.059}, number={3}, journal={Cell}, author={Chen, Chia-Yen and Chi, Ya-Hui and Mutalif, Rafidah Abdul and Starost, Matthew F. and Myers, Timothy G. and Anderson, Stasia A. and Stewart, Colin L. and Jeang, Kuan-Teh}, year={2012}, month={Apr}, pages={565-577} }

@article{Chhabra_Higgs_2007, title={The many faces of actin: matching assembly factors with cellular structures}, volume={9}, DOI={10.1038/ncb1007-1110}, number={10}, journal={Nature Cell Biology}, author={Chhabra, Ekta Seth and Higgs, Henry N.}, year={2007}, month={Oct}, pages={1110-1121} }

@article{Chipuk_Moldoveanu_Llambi_Parsons_Green_2010, title={The BCL-2 Family Reunion}, volume={37}, DOI={10.1016/j.molcel.2010.01.025}, number={3}, journal={Molecular Cell}, author={Chipuk, Jerry E. and Moldoveanu, Tudor and Llambi, Fabien and Parsons, Melissa J. and Green, Douglas R.}, year={2010}, month={Feb}, pages={299-310} }

@article{Colakoglu_Brown_2009, title={Intermediate filaments exchange subunits along their length and elongate by end-to-end annealing}, volume={185}, DOI={10.1083/jcb.200809166}, number={5}, journal={The Journal of Cell Biology}, author={Colakoglu, G. and Brown, A.}, year={2009}, month={May}, pages={769-777} }

@article{DANIAL_2004, title={Cell DeathCritical Control Points}, volume={116},

DOI={10.1016/S0092-8674(04)00046-7}, number={2}, journal={Cell}, author={DANIAL, N}, year={2004}, month={Jan}, pages={205-219} }

@article{DATTA_1997, title={Akt Phosphorylation of BAD Couples Survival Signals to the Cell-Intrinsic Death Machinery}, volume={91}, DOI={10.1016/S0092-8674(00)80405-5}, number={2}, journal={Cell}, author={DATTA, S}, year={1997}, month={Oct}, pages={231-241} }

@article{Dekens_Santoriello_Vallone_Grassi_Whitmore_Foulkes_2003, title={Light Regulates the Cell Cycle in Zebrafish}, volume={13}, DOI={10.1016/j.cub.2003.10.022}, number={23}, journal={Current Biology}, author={Dekens, Marcus P.S. and Santoriello, Cristina and Vallone, Daniela and Grassi, Gabriele and Whitmore, David and Foulkes, Nicholas S.}, year={2003}, month={Dec}, pages={2051-2057} }

@article{Delorme_Machacek_DerMardirossian_Anderson_Wittmann_Hanein_Waterman-Storer_Danuser_Bokoch_2007, title={Cofilin Activity Downstream of Pak1 Regulates Cell Protrusion Efficiency by Organizing Lamellipodium and Lamella Actin Networks}, volume={13}, DOI={10.1016/j.devcel.2007.08.011}, number={5}, journal={Developmental Cell}, author={Delorme, Violaine and Machacek, Matthias and DerMardirossian, Céline and Anderson, Karen L. and Wittmann, Torsten and Hanein, Dorit and Waterman-Storer, Clare and Danuser, Gaudenz and Bokoch, Gary M.}, year={2007}, month={Nov}, pages={646-662} }

@article{Dickmeis_Lahiri_Nica_Vallone_Santoriello_Neumann_Hammerschmidt_Foulkes_2007, title={Glucocorticoids Play a Key Role in Circadian Cell Cycle Rhythms}, volume={5}, DOI={10.1371/journal.pbio.0050078}, number={4}, journal={PLoS Biology}, author={Dickmeis, Thomas and Lahiri, Kajori and Nica, Gabriela and Vallone, Daniela and Santoriello, Cristina and Neumann, Carl J and Hammerschmidt, Matthias and Foulkes, Nicholas S.}, year={2007}, month={Mar} }

@article{Dong_Yang_Wang_Kim_Wood_Osteryoung_van Oudenaarden_Golden_2010, title={Elevated ATPase Activity of KaiC Applies a Circadian Checkpoint on Cell Division in *Synechococcus elongatus*}, volume={140}, DOI={10.1016/j.cell.2009.12.042}, number={4}, journal={Cell}, author={Dong, Guogang and Yang, Qiong and Wang, Qiang and Kim, Yong-Ick and Wood, Thammajun L. and Osteryoung, Katherine W. and van Oudenaarden, Alexander and Golden, Susan S.}, year={2010}, month={Feb}, pages={529-539} }

@article{Evans_Rosenthal_Youngblom_Distel_Hunt_1983, title={Cyclin: A protein specified by maternal mRNA in sea urchin eggs that is destroyed at each cleavage division}, volume={33}, DOI={10.1016/0092-8674(83)90420-8}, number={2}, journal={Cell}, author={Evans, Tom and Rosenthal, Eric T. and Youngblom, Jim and Distel, Dan and Hunt, Tim}, year={1983}, month={Jun}, pages={389-396} }

@article{Fuchs_Steller_2011, title={Programmed Cell Death in Animal Development and Disease}, volume={147}, DOI={10.1016/j.cell.2011.10.033}, number={4}, journal={Cell}, author={Fuchs, Yaron and Steller, Hermann}, year={2011}, month={Nov}, pages={742-758} }

@article{Gavathiotis_Suzuki_Davis_Pitter_Bird_Katz_Tu_Kim_Cheng_Tjandra_et al._2008,

title={BAX activation is initiated at a novel interaction site}, volume={455}, DOI={10.1038/nature07396}, number={7216}, journal={Nature}, author={Gavathiotis, Evripidis and Suzuki, Motoshi and Davis, Marguerite L. and Pitter, Kenneth and Bird, Gregory H. and Katz, Samuel G. and Tu, Ho-Chou and Kim, Hyungjin and Cheng, Emily H.-Y. and Tjandra, Nico and Walensky, Loren D.}, year={2008}, month={Oct}, pages={1076-1081} }

@article{Giepmans_2006, title={The Fluorescent Toolbox for Assessing Protein Location and Function}, volume={312}, DOI={10.1126/science.1124618}, number={5771}, journal={Science}, author={Giepmans, B. N. G.}, year={2006}, month={Apr}, pages={217-224} }

@article{Godsel_Hobbs_Green_2008, title={Intermediate filament assembly: dynamics to disease}, volume={18}, DOI={10.1016/j.tcb.2007.11.004}, number={1}, journal={Trends in Cell Biology}, author={Godsel, Lisa M. and Hobbs, Ryan P. and Green, Kathleen J.}, year={2008}, month={Jan}, pages={28-37} }

@article{Goldman_Grin_Mendez_Kuczmarski_2008, title={Intermediate filaments: versatile building blocks of cell structure}, volume={20}, DOI={10.1016/j.ceb.2007.11.003}, number={1}, journal={Current Opinion in Cell Biology}, author={Goldman, Robert D and Grin, Boris and Mendez, Melissa G and Kuczmarski, Edward R}, year={2008}, month={Feb}, pages={28-34} }

@article{Hartwell_1991, title={Twenty-five years of cell cycle genetics}, volume={129}, number={4}, journal={Genetics}, author={Hartwell, L. H.}, year={1991}, pages={975-980} }

@article{Helfand_Mendez_Murthy_Shumaker_Grin_Mahammad_Aebi_Wedig_Wu_Hahn_et al._2011, title={Vimentin organization modulates the formation of lamellipodia}, volume={22}, DOI={10.1091/mbc.E10-08-0699}, number={8}, journal={Molecular Biology of the Cell}, author={Helfand, B. T. and Mendez, M. G. and Murthy, S. N. P. and Shumaker, D. K. and Grin, B. and Mahammad, S. and Aebi, U. and Wedig, T. and Wu, Y. I. and Hahn, K. M. and Inagaki, M. and Herrmann, H. and Goldman, R. D.}, year={2011}, month={Feb}, pages={1274-1289} }

@article{Herrmann_Bär_Kreplak_Strelkov_Aebi_2007, title={Intermediate filaments: from cell architecture to nanomechanics}, volume={8}, DOI={10.1038/nrm2197}, number={7}, journal={Nature Reviews Molecular Cell Biology}, author={Herrmann, Harald and Bär, Harald and Kreplak, Laurent and Strelkov, Sergei V. and Aebi, Ueli}, year={2007}, month={Jul}, pages={562-573} }

@article{Herrmann_Strelkov_Burkhard_Aebi_2009, title={Intermediate filaments: primary determinants of cell architecture and plasticity}, volume={119}, DOI={10.1172/JCI38214}, number={7}, journal={Journal of Clinical Investigation}, author={Herrmann, Harald and Strelkov, Sergei V. and Burkhard, Peter and Aebi, Ueli}, year={2009}, month={Jul}, pages={1772-1783} }

@article{Howell_Hoffman_Fang_Murray_Salmon_2000, title={Visualization of Mad2 Dynamics at Kinetochores, along Spindle Fibers, and at Spindle Poles in Living Cells}, volume={150}, DOI={10.1083/jcb.150.6.1233}, number={6}, journal={The Journal of Cell Biology}, author={Howell, B.J. and Hoffman, D.B. and Fang, G. and Murray, A.W. and Salmon, E.D.}, year={2000}, month={Sep}, pages={1233-1250} }

@article{Hübner_Barrett_Flavell_Davis_2008, title={Multisite Phosphorylation Regulates Bim Stability and Apoptotic Activity}, volume={30}, DOI={10.1016/j.molcel.2008.03.025}, number={4}, journal={Molecular Cell}, author={Hübner, Anette and Barrett, Tamera and Flavell, Richard A. and Davis, Roger J.}, year={2008}, month={May}, pages={415-425} }

@article{Idda_Kage_Lopez-Olmeda_Mracek_Foulkes_Vallone_2012, title={Circadian Timing of Injury-Induced Cell Proliferation in Zebrafish}, volume={7}, DOI={10.1371/journal.pone.0034203}, number={3}, journal={PLoS ONE}, author={Idda, Maria Laura and Kage, Elena and Lopez-Olmeda, Jose Fernando and Mracek, Philipp and Foulkes, Nicholas S. and Vallone, Daniela}, year={2012}, month={Mar} }

@article{Insall_Machesky_2009, title={Actin Dynamics at the Leading Edge: From Simple Machinery to Complex Networks}, volume={17}, DOI={10.1016/j.devcel.2009.08.012}, number={3}, journal={Developmental Cell}, author={Insall, Robert H. and Machesky, Laura M.}, year={2009}, month={Sep}, pages={310-322} }

@article{Johnson_2010, title={Circadian clocks and cell division}, volume={9}, DOI={10.4161/cc.9.19.13205}, number={19}, journal={Cell Cycle}, author={Johnson, Carl Hirschie}, year={2010}, month={Oct}, pages={3864-3873} }

@article{Krizhanovsky_Yon_Dickins_Hearn_Simon_Miething_Yee_Zender_Lowe_2008, title={Senescence of Activated Stellate Cells Limits Liver Fibrosis}, volume={134}, DOI={10.1016/j.cell.2008.06.049}, number={4}, journal={Cell}, author={Krizhanovsky, Valery and Yon, Monica and Dickins, Ross A. and Hearn, Stephen and Simon, Janelle and Miething, Cornelius and Yee, Herman and Zender, Lars and Lowe, Scott W.}, year={2008}, month={Aug}, pages={657-667} }

@article{Larson_Zenklusen_Wu_Chao_Singer_2011, title={Real-Time Observation of Transcription Initiation and Elongation on an Endogenous Yeast Gene}, volume={332}, DOI={10.1126/science.1202142}, number={6028}, journal={Science}, author={Larson, D. R. and Zenklusen, D. and Wu, B. and Chao, J. A. and Singer, R. H.}, year={2011}, month={Apr}, pages={475-478} }

@article{Lee_Coulombe_2009, title={Self-organization of keratin intermediate filaments into cross-linked networks}, volume={186}, DOI={10.1083/jcb.200810196}, number={3}, journal={The Journal of Cell Biology}, author={Lee, C.-H. and Coulombe, P. A.}, year={2009}, month={Aug}, pages={409-421} }

@article{Lionnet_Singer_2012, title={Transcription goes digital}, volume={13}, DOI={10.1038/embor.2012.31}, number={4}, journal={EMBO reports}, author={Lionnet, Timothée and Singer, Robert H}, year={2012}, month={Mar}, pages={313-321} }

@article{Liu_Kim_Yang_Jemmerson_Wang_1996, title={Induction of Apoptotic Program in Cell-Free Extracts: Requirement for dATP and Cytochrome c}, volume={86}, DOI={10.1016/S0092-8674(00)80085-9}, number={1}, journal={Cell}, author={Liu, Xuesong and Kim, Caryn Naekyung and Yang, Jie and Jemmerson, Ronald and Wang, Xiaodong}, year={1996}, month={Jul}, pages={147-157} }

@book{Lodish, Harvey F._2007, address={Basingstoke}, edition={6th ed}, title={Molecular cell biology}, publisher={Palgrave Macmillan}, author={Lodish, Harvey}

F.}, year={2007} }

@article{Matsuo_2003, title={Control Mechanism of the Circadian Clock for Timing of Cell Division in Vivo}, volume={302}, DOI={10.1126/science.1086271}, number={5643}, journal={Science}, author={Matsuo, T.}, year={2003}, month={Oct}, pages={255-259} }

@article{Miyoshi_Tsuji_Higashida_Hertzog_Fujita_Narumiya_Scita_Watanabe_2006, title={Actin turnover-dependent fast dissociation of capping protein in the dendritic nucleation actin network: evidence of frequent filament severing}, volume={175}, DOI={10.1083/jcb.200604176}, number={6}, journal={The Journal of Cell Biology}, author={Miyoshi, T. and Tsuji, T. and Higashida, C. and Hertzog, M. and Fujita, A. and Narumiya, S. and Scita, G. and Watanabe, N.}, year={2006}, month={Dec}, pages={947-955} }

@book{Morgan, David Owen_2007, address={London}, title={The cell cycle: principles of control}, volume={Primers in biology}, publisher={New Science Press in association with Oxford University Press and Sinauer Associates}, author={Morgan, David Owen}, year={2007} }

@book{Murray, Andrew Wood_Hunt, Tim_1993, address={New York}, title={The cell cycle: an introduction}, publisher={Oxford University Press}, author={Murray, Andrew Wood and Hunt, Tim}, year={1993} }

@article{Musacchio_Salmon_2007, title={The spindle-assembly checkpoint in space and time}, volume={8}, DOI={10.1038/nrm2163}, number={5}, journal={Nature Reviews Molecular Cell Biology}, author={Musacchio, Andrea and Salmon, Edward D.}, year={2007}, month={Apr}, pages={379-393} }

@article{Narita_Lowe_2005, title={Senescence comes of age}, volume={11}, DOI={10.1038/nm0905-920}, number={9}, journal={Nature Medicine}, author={Narita, Masashi and Lowe, Scott W}, year={2005}, month={Sep}, pages={920-922} }

@article{Nasmyth_Schleiffer_2004, title={From a single double helix to paired double helices and back}, volume={359}, DOI={10.1098/rstb.2003.1417}, number={1441}, journal={Philosophical Transactions of the Royal Society B: Biological Sciences}, author={Nasmyth, K. and Schleiffer, A.}, year={2004}, month={Jan}, pages={99-108} }

@book{Nature Publishing Group_2001, address={Basingstoke}, title={Encyclopedia of life sciences}, url={http://www.els.net}, publisher={Macmillan}, author={Nature Publishing Group}, year={2001} }

@article{North_2006, title={Seeing is believing? A beginners' guide to practical pitfalls in image acquisition}, volume={172}, DOI={10.1083/jcb.200507103}, number={1}, journal={The Journal of Cell Biology}, author={North, A. J.}, year={2006}, month={Jan}, pages={9-18} }

@article{Oltersdorf_Elmore-Shoemaker_Armstrong_Augeri_Belli_Bruncko_Deckwerth_Dinges_Hajduk_et al._2005, title={An inhibitor of Bcl-2 family proteins induces regression of solid tumours}, volume={435}, DOI={10.1038/nature03579}, number={7042},

journal={Nature}, author={Oltersdorf, Tilman and Elmore, Steven W. and Shoemaker, Alexander R. and Armstrong, Robert C. and Augeri, David J. and Belli, Barbara A. and Bruncko, Milan and Deckwerth, Thomas L. and Dinges, Jurgen and Hajduk, Philip J. and Joseph, Mary K. and Kitada, Shinichi and Korsmeyer, Stanley J. and Kunzer, Aaron R. and Letai, Anthony and Li, Chi and Mitten, Michael J. and Nettesheim, David G. and Ng, ShiChung and Nimmer, Paul M. and O'Connor, Jacqueline M. and Oleksijew, Anatol and Petros, Andrew M. and Reed, John C. and Shen, Wang and Tahir, Stephen K. and Thompson, Craig B. and Tomaselli, Kevin J. and Wang, Baole and Wendt, Michael D. and Zhang, Haichao and Fesik, Stephen W. and Rosenberg, Saul H.}, year={2005}, month={May}, pages={677-681} }

@article{Pelkmans_2012, title={Using Cell-to-Cell Variability--A New Era in Molecular Biology}, volume={336}, DOI={10.1126/science.1222161}, number={6080}, journal={Science}, author={Pelkmans, L.}, year={2012}, month={Apr}, pages={425-426} }

@article{Pollard_Borisy_2003, title={Cellular Motility Driven by Assembly and Disassembly of Actin Filaments}, volume={112}, DOI={10.1016/S0092-8674(03)00120-X}, number={4}, journal={Cell}, author={Pollard, Thomas D and Borisy, Gary G}, year={2003}, month={Feb}, pages={453-465} }

@book{Pollard, Thomas D._Earnshaw, William C._2008, address={Philadelphia}, edition={2nd ed}, title={Cell biology}, publisher={Saunders/Elsevier}, author={Pollard, Thomas D. and Earnshaw, William C.}, year={2008} }

@article{Pop_Salvesen_2009, title={Human Caspases: Activation, Specificity, and Regulation}, volume={284}, DOI={10.1074/jbc.R800084200}, number={33}, journal={Journal of Biological Chemistry}, author={Pop, C. and Salvesen, G. S.}, year={2009}, month={May}, pages={21777-21781} }

@article{Raj_van Oudenaarden_2008, title={Nature, Nurture, or Chance: Stochastic Gene Expression and Its Consequences}, volume={135}, DOI={10.1016/j.cell.2008.09.050}, number={2}, journal={Cell}, author={Raj, Arjun and van Oudenaarden, Alexander}, year={2008}, month={Oct}, pages={216-226} }

@article{Ridley_2011, title={Life at the Leading Edge}, volume={145}, DOI={10.1016/j.cell.2011.06.010}, number={7}, journal={Cell}, author={Ridley, Anne J.}, year={2011}, month={Jun}, pages={1012-1022} }

@article{Sarin_Cheung_Gilison_Lee_Tennen_Wang_Artandi_Oro_Artandi_2005, title={Conditional telomerase induction causes proliferation of hair follicle stem cells}, volume={436}, DOI={10.1038/nature03836}, number={7053}, journal={Nature}, author={Sarin, Kavita Y. and Cheung, Peggie and Gilison, Daniel and Lee, Eunice and Tennen, Ruth I. and Wang, Estee and Artandi, Maja K. and Oro, Anthony E. and Artandi, Steven E.}, year={2005}, month={Aug}, pages={1048-1052} }

@article{Serrano_Blasco_2007, title={Cancer and ageing: convergent and divergent mechanisms}, volume={8}, DOI={10.1038/nrm2242}, number={9}, journal={Nature Reviews Molecular Cell Biology}, author={Serrano, Manuel and Blasco, Maria A.}, year={2007}, month={Sep}, pages={715-722} }

@article{Shaner_Steinbach_Tsien_2005, title={A guide to choosing fluorescent proteins},

volume={2}, DOI={10.1038/nmeth819}, number={12}, journal={Nature Methods}, author={Shaner, Nathan C and Steinbach, Paul A and Tsien, Roger Y}, year={2005}, month={Dec}, pages={905-909} }

@article{Simon_Wilson_2011, title={The nucleoskeleton as a genome-associated dynamic 'network of networks'}, volume={12}, DOI={10.1038/nrm3207}, number={11}, journal={Nature Reviews Molecular Cell Biology}, author={Simon, Dan N. and Wilson, Katherine L.}, year={2011}, month={Oct}, pages={695-708} }

@article{Siton_Ideses_Albeck_Unger_Bershadsky_Gov_Bernheim-Groswasser_2011, title={Cortactin Releases the Brakes in Actin- Based Motility by Enhancing WASP-VCA Detachment from Arp2/3 Branches}, volume={21}, DOI={10.1016/j.cub.2011.11.010}, number={24}, journal={Current Biology}, author={Siton, Orit and Ideses, Yaron and Albeck, Shira and Unger, Tamar and Bershadsky, Alexander D. and Gov, Nir S. and Bernheim-Groswasser, Anne}, year={2011}, month={Dec}, pages={2092-2097} }

@article{Spencer_Gaudet_Albeck_Burke_Sorger_2009, title={Non-genetic origins of cell-to-cell variability in TRAIL-induced apoptosis}, volume={459}, DOI={10.1038/nature08012}, number={7245}, journal={Nature}, author={Spencer, Sabrina L. and Gaudet, Suzanne and Albeck, John G. and Burke, John M. and Sorger, Peter K.}, year={2009}, month={Apr}, pages={428-432} }

@article{Suraneni_Rubinstein_Unruh_Durnin_Hanein_Li_2012, title={The Arp2/3 complex is required for lamellipodia extension and directional fibroblast cell migration}, volume={197}, DOI={10.1083/jcb.201112113}, number={2}, journal={The Journal of Cell Biology}, author={Suraneni, P. and Rubinstein, B. and Unruh, J. R. and Durnin, M. and Hanein, D. and Li, R.}, year={2012}, month={Apr}, pages={239-251} }

@article{Symons_1991, title={Control of actin polymerization in live and permeabilized fibroblasts}, volume={114}, DOI={10.1083/jcb.114.3.503}, number={3}, journal={The Journal of Cell Biology}, author={Symons, M. H.}, year={1991}, month={Aug}, pages={503-513} }

@article{Tamai_Young_Cox_Whitmore_2012, title={Light Acts on the Zebrafish Circadian Clock to Suppress Rhythmic Mitosis and Cell Proliferation}, volume={27}, DOI={10.1177/0748730412440861}, number={3}, journal={Journal of Biological Rhythms}, author={Tamai, T. K. and Young, L. C. and Cox, C. A. and Whitmore, D.}, year={2012}, month={May}, pages={226-236} }

@article{Ted A. Weinert and Leland H. Hartwell_1988, title={The RAD9 Gene Controls the Cell Cycle Response to DNA Damage in Saccharomyces cerevisiae}, volume={241}, number={4863}, journal={Science}, publisher={American Association for the Advancement of Science}, author={Ted A. Weinert and Leland H. Hartwell}, year={1988}, pages={317-322} }

@article{Ura_Pollitt_Veltman_Morrice_Machesky_Insall_2012, title={Pseudopod Growth and Evolution during Cell Movement Is Controlled through SCAR/WAVE Dephosphorylation}, volume={22}, DOI={10.1016/j.cub.2012.02.020}, number={7}, journal={Current Biology}, author={Ura, Seiji and Pollitt, Alice Y. and Veltman, Douwe M. and Morrice, Nicholas A. and Machesky, Laura M. and Insall, Robert H.}, year={2012}, month={Apr}, pages={553-561} }

@article{VANTROYS_HUYCK_LEYMAN_DHAESE_VANDEKERKHOVE_AMPE_2008, title={Ins and outs of ADF/cofilin activity and regulation}, volume={87}, DOI={10.1016/j.ejcb.2008.04.001}, number={8-9}, journal={European Journal of Cell Biology}, author={VANTROYS, M and HUYCK, L and LEYMAN, S and DHAESE, S and VANDEKERKHOVE, J and AMPE, C}, year={2008}, month={Sep}, pages={649-667} }

@article{Vatine_Vallone_Gothilf_Foulkes_2011, title={It's time to swim! Zebrafish and the circadian clock}, volume={585}, DOI={10.1016/j.febslet.2011.04.007}, number={10}, journal={FEBS Letters}, author={Vatine, Gad and Vallone, Daniela and Gothilf, Yoav and Foulkes, Nicholas S.}, year={2011}, month={May}, pages={1485-1494} }

@book{Watson, James D._2008, address={Cold Spring Harbor, N.Y.}, edition={6th ed}, title={Molecular biology of the gene}, publisher={Pearson/Benjamin Cummings}, author={Watson, James D.}, year={2008} }

@article{Whitfield_Neame_Paquet_Bernard_Ham_2001, title={Dominant-Negative c-Jun Promotes Neuronal Survival by Reducing BIM Expression and Inhibiting Mitochondrial Cytochrome c Release}, volume={29}, DOI={10.1016/S0896-6273(01)00239-2}, number={3}, journal={Neuron}, author={Whitfield, Jonathan and Neame, Stephen J and Paquet, Luc and Bernard, Ora and Ham, Jonathan}, year={2001}, month={Mar}, pages={629-643} }

@article{Windoffer_Beil_Magin_Leube_2011, title={Cytoskeleton in motion: the dynamics of keratin intermediate filaments in epithelia}, volume={194}, DOI={10.1083/jcb.201008095}, number={5}, journal={The Journal of Cell Biology}, author={Windoffer, R. and Beil, M. and Magin, T. M. and Leube, R. E.}, year={2011}, month={Sep}, pages={669-678} }

@article{Wright_Vaughn_Deshmukh_2006, title={Apoptosome dependent caspase-3 activation pathway is non-redundant and necessary for apoptosis in sympathetic neurons}, volume={14}, DOI={10.1038/sj.cdd.4402024}, number={3}, journal={Cell Death and Differentiation}, author={Wright, K M and Vaughn, A E and Deshmukh, M}, year={2006}, month={Aug}, pages={625-633} }

@article{Xue_Zender_Miething_Dickins_Hernando_Krizhanovsky_Cordon-Cardo_Lowe_2007, title={Senescence and tumour clearance is triggered by p53 restoration in murine liver carcinomas}, volume={445}, DOI={10.1038/nature05529}, number={7128}, journal={Nature}, author={Xue, Wen and Zender, Lars and Miething, Cornelius and Dickins, Ross A. and Hernando, Eva and Krizhanovsky, Valery and Cordon-Cardo, Carlos and Lowe, Scott W.}, year={2007}, month={Jan}, pages={656-660} }

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