

Wallace F Marshall

List of Publications by Year in descending order

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Version: 2024-02-01

151
papers

12,988
citations

38720

50
h-index

26591

107
g-index

176
all docs

176
docs citations

176
times ranked

13445
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The short flagella 1 (SHF1) gene in <i>Chlamydomonas</i> encodes a Crescerin TOG-domain protein required for late stages of flagellar growth. <i>Molecular Biology of the Cell</i> , 2022, 33, mbcE21090472. | 0.9 | 8 |
| 2 | A simple method to generate human airway epithelial organoids with externally orientated apical membranes. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 322, L420-L437. | 1.3 | 13 |
| 3 | Biosynthesis of Linear Protein Nanoarrays Using the Flagellar Axoneme. <i>ACS Synthetic Biology</i> , 2022, 11, 1454-1465. | 1.9 | 2 |
| 4 | Determining protein polarization proteome-wide using physical dissection of individual <i>Stentor coeruleus</i> cells. <i>Current Biology</i> , 2022, , . | 1.8 | 4 |
| 5 | Modeling cell biological features of meiotic chromosome pairing to study interlock resolution. <i>PLoS Computational Biology</i> , 2022, 18, e1010252. | 1.5 | 5 |
| 6 | Deep Convolutional and Recurrent Neural Networks for Cell Motility Discrimination and Prediction. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021, 18, 562-574. | 1.9 | 21 |
| 7 | <i>Drosophila</i> Embryo Preparation and Microinjection for Live Cell Microscopy Performed using an Automated High Content Analyzer. <i>Journal of Visualized Experiments</i> , 2021, , . | 0.2 | 0 |
| 8 | Analysis of Motility Patterns of <i>Stentor</i> During and After Oral Apparatus Regeneration using Cell Tracking. <i>Journal of Visualized Experiments</i> , 2021, , . | 0.2 | 0 |
| 9 | Microfluidic guillotine reveals multiple timescales and mechanical modes of wound response in <i>Stentor coeruleus</i> . <i>BMC Biology</i> , 2021, 19, 63. | 1.7 | 13 |
| 10 | Analysis of biological noise in the flagellar length control system. <i>IScience</i> , 2021, 24, 102354. | 1.9 | 19 |
| 11 | Regeneration in <i>Stentor coeruleus</i> . <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 753625. | 1.8 | 13 |
| 12 | Testing the role of intraflagellar transport in flagellar length control using length-altering mutants of <i>Chlamydomonas</i> . <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190159. | 1.8 | 21 |
| 13 | Axopodia and the cellular "arms" race. <i>Cytoskeleton</i> , 2020, 77, 483-484. | 1.0 | 1 |
| 14 | Pattern Formation and Complexity in Single Cells. <i>Current Biology</i> , 2020, 30, R544-R552. | 1.8 | 13 |
| 15 | Reorganization of complex ciliary flows around regenerating <i>Stentor coeruleus</i> . <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190167. | 1.8 | 26 |
| 16 | Multi-scale spatial heterogeneity enhances particle clearance in airway ciliary arrays. <i>Nature Physics</i> , 2020, 16, 958-964. | 6.5 | 52 |
| 17 | Aging induces aberrant state transition kinetics in murine muscle stem cells. <i>Development (Cambridge)</i> , 2020, 147, . | 1.2 | 58 |
| 18 | Scaling of Subcellular Structures. <i>Annual Review of Cell and Developmental Biology</i> , 2020, 36, 219-236. | 4.0 | 29 |

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|----|---|-----|-----------|
| 19 | Towards computer-aided design of cellular structure. <i>Physical Biology</i> , 2020, 17, 023001. | 0.8 | 4 |
| 20 | Speed and Diffusion of Kinesin-2 Are Competing Limiting Factors in Flagellar Length-Control Model. <i>Biophysical Journal</i> , 2020, 118, 2790-2800. | 0.2 | 6 |
| 21 | Simple Rules Determine Distinct Patterns of Branching Morphogenesis. <i>Cell Systems</i> , 2019, 9, 221-227. | 2.9 | 9 |
| 22 | Dynamics of living cells in a cytomorphological state space. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21556-21562. | 3.3 | 20 |
| 23 | Modeling meiotic chromosome pairing: a tug of war between telomere forces and a pairing-based Brownian ratchet leads to increased pairing fidelity. <i>Physical Biology</i> , 2019, 16, 046005. | 0.8 | 11 |
| 24 | Microtubules are necessary for proper Reticulon localization during mitosis. <i>PLoS ONE</i> , 2019, 14, e0226327. | 1.1 | 8 |
| 25 | Cellular Cognition: Sequential Logic in a Giant Protist. <i>Current Biology</i> , 2019, 29, R1303-R1305. | 1.8 | 11 |
| 26 | Electron cryo-tomography provides insight into procentriole architecture and assembly mechanism. <i>ELife</i> , 2019, 8, . | 2.8 | 25 |
| 27 | An inordinate fondness for protists. <i>Current Biology</i> , 2018, 28, R92-R95. | 1.8 | 0 |
| 28 | Mechanical Forces Program the Orientation of Cell Division during Airway Tube Morphogenesis. <i>Developmental Cell</i> , 2018, 44, 313-325.e5. | 3.1 | 70 |
| 29 | Methods for the Study of Regeneration in <i>Stentor</i> . <i>Journal of Visualized Experiments</i> , 2018, . . | 0.2 | 12 |
| 30 | Diffusion as a Ruler: Modeling Kinesin Diffusion as a Length Sensor for Intraflagellar Transport. <i>Biophysical Journal</i> , 2018, 114, 335a-336a. | 0.2 | 1 |
| 31 | Cell learning. <i>Current Biology</i> , 2018, 28, R1180-R1184. | 1.8 | 30 |
| 32 | A Dilution Model for Embryonic Scaling. <i>Developmental Cell</i> , 2018, 46, 529-530. | 3.1 | 0 |
| 33 | Diffusion as a Ruler: Modeling Kinesin Diffusion as a Length Sensor for Intraflagellar Transport. <i>Biophysical Journal</i> , 2018, 114, 663-674. | 0.2 | 57 |
| 34 | Will biologists become computer scientists?. <i>EMBO Reports</i> , 2018, 19, . | 2.0 | 13 |
| 35 | Inferring cell state by quantitative motility analysis reveals a dynamic state system and broken detailed balance. <i>PLoS Computational Biology</i> , 2018, 14, e1005927. | 1.5 | 49 |
| 36 | Intraflagellar Transport and Ciliary Dynamics. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017, 9, a021998. | 2.3 | 183 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Organelles “ understanding noise and heterogeneity in cell biology at an intermediate scale. <i>Journal of Cell Science</i> , 2017, 130, 819-826. | 1.2 | 40 |
| 38 | The Macronuclear Genome of <i>Stentor coeruleus</i> Reveals Tiny Introns in a Giant Cell. <i>Current Biology</i> , 2017, 27, 569-575. | 1.8 | 105 |
| 39 | Self-repairing cells: How single cells heal membrane ruptures and restore lost structures. <i>Science</i> , 2017, 356, 1022-1025. | 6.0 | 91 |
| 40 | Testing the time-of-flight model for flagellar length sensing. <i>Molecular Biology of the Cell</i> , 2017, 28, 3447-3456. | 0.9 | 28 |
| 41 | Microfluidic guillotine for single-cell wound repair studies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7283-7288. | 3.3 | 27 |
| 42 | Non-model model organisms. <i>BMC Biology</i> , 2017, 15, 55. | 1.7 | 164 |
| 43 | Organelle Size Scaling of the Budding Yeast Vacuole by Relative Growth and Inheritance. <i>Current Biology</i> , 2016, 26, 1221-1228. | 1.8 | 21 |
| 44 | Modeling meiotic chromosome pairing: nuclear envelope attachment, telomere-led active random motion, and anomalous diffusion. <i>Physical Biology</i> , 2016, 13, 026003. | 0.8 | 26 |
| 45 | Cell Geometry: How Cells Count and Measure Size. <i>Annual Review of Biophysics</i> , 2016, 45, 49-64. | 4.5 | 62 |
| 46 | Versatile protein tagging in cells with split fluorescent protein. <i>Nature Communications</i> , 2016, 7, 11046. | 5.8 | 331 |
| 47 | Preface. <i>Methods in Cell Biology</i> , 2015, 127, xxi-xxii. | 0.5 | 1 |
| 48 | A Systematic Comparison of Mathematical Models for Inherent Measurement of Ciliary Length: How a Cell Can Measure Length and Volume. <i>Biophysical Journal</i> , 2015, 108, 1361-1379. | 0.2 | 57 |
| 49 | Subcellular Size. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a019059. | 2.3 | 29 |
| 50 | Efficient live fluorescence imaging of intraflagellar transport in mammalian primary cilia. <i>Methods in Cell Biology</i> , 2015, 127, 189-201. | 0.5 | 16 |
| 51 | How Cells Measure Length on Subcellular Scales. <i>Trends in Cell Biology</i> , 2015, 25, 760-768. | 3.6 | 35 |
| 52 | Mechanobiology of Ciliogenesis. <i>BioScience</i> , 2014, 64, 1084-1091. | 2.2 | 9 |
| 53 | The Kinase Regulator Mob1 Acts as a Patterning Protein for <i>Stentor</i> Morphogenesis. <i>PLoS Biology</i> , 2014, 12, e1001861. | 2.6 | 55 |
| 54 | TTC26/DYF13 is an intraflagellar transport protein required for transport of motility-related proteins into flagella. <i>ELife</i> , 2014, 3, e01566. | 2.8 | 69 |

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|----|--|------|-----------|
| 55 | FAP20 is an inner junction protein of doublet microtubules essential for both the planar asymmetrical waveform and stability of flagella in <i>Chlamydomonas</i> . <i>Molecular Biology of the Cell</i> , 2014, 25, 1472-1483. | 0.9 | 76 |
| 56 | Quantitative analysis and modeling of katanin function in flagellar length control. <i>Molecular Biology of the Cell</i> , 2014, 25, 3686-3698. | 0.9 | 24 |
| 57 | <i>Stentor coeruleus</i> . <i>Current Biology</i> , 2014, 24, R783-R784. | 1.8 | 25 |
| 58 | Actin Is Required for IFT Regulation in <i>Chlamydomonas reinhardtii</i> . <i>Current Biology</i> , 2014, 24, 2025-2032. | 1.8 | 66 |
| 59 | Organelle Size Scaling of the Budding Yeast Vacuole Is Tuned by Membrane Trafficking Rates. <i>Biophysical Journal</i> , 2014, 106, 1986-1996. | 0.2 | 55 |
| 60 | The Golgi Is a Measuring Cup. <i>Developmental Cell</i> , 2014, 29, 259-260. | 3.1 | 0 |
| 61 | Intrinsic and Extrinsic Noise in the Flagellar Length Control System. <i>Biophysical Journal</i> , 2014, 106, 637a. | 0.2 | 0 |
| 62 | Differential Geometry Meets the Cell. <i>Cell</i> , 2013, 154, 265-266. | 13.5 | 14 |
| 63 | Analysis of Ciliary Assembly and Function in Planaria. <i>Methods in Enzymology</i> , 2013, 525, 245-264. | 0.4 | 41 |
| 64 | Ciliary Regulation: Disassembly Takes the Spotlight. <i>Current Biology</i> , 2013, 23, R1001-R1003. | 1.8 | 8 |
| 65 | Statistical method for comparing the level of intracellular organization between cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E1006-15. | 3.3 | 8 |
| 66 | Chemical Screening Methods for Flagellar Phenotypes in <i>Chlamydomonas</i> . <i>Methods in Enzymology</i> , 2013, 525, 351-369. | 0.4 | 0 |
| 67 | Ciliary Secretion: Switching the Cellular Antenna to "Transmit". <i>Current Biology</i> , 2013, 23, R471-R473. | 1.8 | 18 |
| 68 | Isolation of Mammalian Primary Cilia. <i>Methods in Enzymology</i> , 2013, 525, 311-325. | 0.4 | 13 |
| 69 | Preface. <i>Methods in Enzymology</i> , 2013, 524, xv-xvii. | 0.4 | 0 |
| 70 | Avalanche-like behavior in ciliary import. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3925-3930. | 3.3 | 110 |
| 71 | Visualizing Cytoplasmic Flow During Single-cell Wound Healing in <i>Stentor coeruleus</i> . <i>Journal of Visualized Experiments</i> , 2013, , e50848. | 0.2 | 11 |
| 72 | Intraflagellar transport drives flagellar surface motility. <i>ELife</i> , 2013, 2, e00744. | 2.8 | 85 |

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|----|--|------|-----------|
| 73 | Three-dimensional structure of basal body triplet revealed by electron cryo-tomography. EMBO Journal, 2012, 31, 552-562. | 3.5 | 125 |
| 74 | The role of retrograde intraflagellar transport in flagellar assembly, maintenance, and function. Journal of Cell Biology, 2012, 199, 151-167. | 2.3 | 103 |
| 75 | Mitochondrial Network Size Scaling in Budding Yeast. Science, 2012, 338, 822-824. | 6.0 | 158 |
| 76 | Centrosome positioning in vertebrate development. Journal of Cell Science, 2012, 125, 4951-4961. | 1.2 | 103 |
| 77 | Organelle Size Equalization by a Constitutive Process. Current Biology, 2012, 22, 2173-2179. | 1.8 | 39 |
| 78 | A Chemical Screen Identifies Class A G-Protein Coupled Receptors As Regulators of Cilia. ACS Chemical Biology, 2012, 7, 911-919. | 1.6 | 38 |
| 79 | How Cells Know the Size of Their Organelles. Science, 2012, 337, 1186-1189. | 6.0 | 106 |
| 80 | Stages of ciliogenesis and regulation of ciliary length. Differentiation, 2012, 83, S30-S42. | 1.0 | 189 |
| 81 | What determines cell size?. BMC Biology, 2012, 10, 101. | 1.7 | 196 |
| 82 | Centrosome Loss in the Evolution of Planarians. Science, 2012, 335, 461-463. | 6.0 | 154 |
| 83 | Cell Biology 2.0. Trends in Cell Biology, 2012, 22, 611-612. | 3.6 | 1 |
| 84 | Centriole asymmetry determines algal cell geometry. Current Opinion in Plant Biology, 2012, 15, 632-637. | 3.5 | 18 |
| 85 | Organelle size control systems: From cell geometry to organelle-directed medicine. BioEssays, 2012, 34, 721-724. | 1.2 | 37 |
| 86 | Proteomic Analysis of Mammalian Primary Cilia. Current Biology, 2012, 22, 414-419. | 1.8 | 235 |
| 87 | Control of Mitotic Spindle Angle by the RAS-Regulated ERK1/2 Pathway Determines Lung Tube Shape. Science, 2011, 333, 342-345. | 6.0 | 158 |
| 88 | Ciliogenesis: building the cell's antenna. Nature Reviews Molecular Cell Biology, 2011, 12, 222-234. | 16.1 | 849 |
| 89 | Centrosome Size: Scaling Without Measuring. Current Biology, 2011, 21, R594-R596. | 1.8 | 5 |
| 90 | Origins of cellular geometry. BMC Biology, 2011, 9, 57. | 1.7 | 45 |

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|-----|--|------|-----------|
| 91 | A cell-based screen for inhibitors of flagella-driven motility in <i>Chlamydomonas</i> reveals a novel modulator of ciliary length and retrograde actin flow. <i>Cytoskeleton</i> , 2011, 68, 188-203. | 1.0 | 24 |
| 92 | CLUMPED CHLOROPLASTS 1 is required for plastid separation in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18530-18535. | 3.3 | 35 |
| 93 | Building the Centriole. <i>Current Biology</i> , 2010, 20, R816-R825. | 1.8 | 188 |
| 94 | Cilia self-organize in response to planar cell polarity and flow. <i>Nature Cell Biology</i> , 2010, 12, 314-315. | 4.6 | 16 |
| 95 | Scaling properties of cell and organelle size. <i>Organogenesis</i> , 2010, 6, 88-96. | 0.4 | 133 |
| 96 | Total Internal Reflection Fluorescence (TIRF) Microscopy of <i>Chlamydomonas</i> Flagella. <i>Methods in Cell Biology</i> , 2009, 93, 157-177. | 0.5 | 43 |
| 97 | Molecular Architecture of the Centriole Proteome: The Conserved WD40 Domain Protein POC1 Is Required for Centriole Duplication and Length Control. <i>Molecular Biology of the Cell</i> , 2009, 20, 1150-1166. | 0.9 | 120 |
| 98 | Quantitative High-Throughput Assays for Flagella-Based Motility in <i>Chlamydomonas</i> Using Plate-Well Image Analysis and Transmission Correlation Spectroscopy. <i>Journal of Biomolecular Screening</i> , 2009, 14, 133-141. | 2.6 | 13 |
| 99 | Katanin Knockdown Supports a Role for Microtubule Severing in Release of Basal Bodies before Mitosis in <i>Chlamydomonas</i> . <i>Molecular Biology of the Cell</i> , 2009, 20, 379-388. | 0.9 | 50 |
| 100 | Intraflagellar transport particle size scales inversely with flagellar length: revisiting the balance-point length control model. <i>Journal of Cell Biology</i> , 2009, 187, 81-89. | 2.3 | 194 |
| 101 | ASQ2 Encodes a TBCC-like Protein Required for Mother-Daughter Centriole Linkage and Mitotic Spindle Orientation. <i>Current Biology</i> , 2009, 19, 1238-1243. | 1.8 | 34 |
| 102 | Centriole evolution. <i>Current Opinion in Cell Biology</i> , 2009, 21, 14-19. | 2.6 | 59 |
| 103 | Building the cell: design principles of cellular architecture. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 593-602. | 16.1 | 102 |
| 104 | Cilia orientation and the fluid mechanics of development. <i>Current Opinion in Cell Biology</i> , 2008, 20, 48-52. | 2.6 | 112 |
| 105 | Chapter 1 Basal Bodies. <i>Current Topics in Developmental Biology</i> , 2008, 85, 1-22. | 1.0 | 116 |
| 106 | Don't Blink: Observing the Ultra-Fast Contraction of Spasmonemes. <i>Biophysical Journal</i> , 2008, 94, 4-5. | 0.2 | 4 |
| 107 | Engineering design principles for organelle size control systems. <i>Seminars in Cell and Developmental Biology</i> , 2008, 19, 520-524. | 2.3 | 13 |
| 108 | Controlling size within cells. <i>Seminars in Cell and Developmental Biology</i> , 2008, 19, 479-479. | 2.3 | 1 |

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|-----|--|-----|-----------|
| 109 | The cell biological basis of ciliary disease. <i>Journal of Cell Biology</i> , 2008, 180, 17-21. | 2.3 | 133 |
| 110 | Modeling Recursive RNA Interference. <i>PLoS Computational Biology</i> , 2008, 4, e1000183. | 1.5 | 12 |
| 111 | Use of Transcriptomic Data to Support Organelle Proteomic Analysis. <i>Methods in Molecular Biology</i> , 2008, 432, 403-414. | 0.4 | 2 |
| 112 | The Mother Centriole Plays an Instructive Role in Defining Cell Geometry. <i>PLoS Biology</i> , 2007, 5, e149. | 2.6 | 61 |
| 113 | Flagellar Length Control in <i>Chlamydomonas</i> —A Paradigm for Organelle Size Regulation. <i>International Review of Cytology</i> , 2007, 260, 175-212. | 6.2 | 52 |
| 114 | Stability and Robustness of an Organelle Number Control System: Modeling and Measuring Homeostatic Regulation of Centriole Abundance. <i>Biophysical Journal</i> , 2007, 93, 1818-1833. | 0.2 | 32 |
| 115 | What is the function of centrioles?. <i>Journal of Cellular Biochemistry</i> , 2007, 100, 916-922. | 1.2 | 34 |
| 116 | Centriole Assembly: The Origin of Nine-ness. <i>Current Biology</i> , 2007, 17, R1057-R1059. | 1.8 | 7 |
| 117 | The <i>Chlamydomonas</i> Genome Reveals the Evolution of Key Animal and Plant Functions. <i>Science</i> , 2007, 318, 245-250. | 6.0 | 2,354 |
| 118 | Quantitative Modeling in Cell Biology: What Is It Good for?. <i>Developmental Cell</i> , 2006, 11, 279-287. | 3.1 | 117 |
| 119 | Cilia: Tuning in to the Cell's Antenna. <i>Current Biology</i> , 2006, 16, R604-R614. | 1.8 | 243 |
| 120 | Axon Guidance by Diffusible Chemoattractants: A Gradient of Netrin Protein in the Developing Spinal Cord. <i>Journal of Neuroscience</i> , 2006, 26, 8866-8874. | 1.7 | 149 |
| 121 | Discriminating Between Models of Flagellar Length Control. <i>FASEB Journal</i> , 2006, 20, A954. | 0.2 | 0 |
| 122 | Proteomic Analysis of Isolated <i>Chlamydomonas</i> Centrioles Reveals Orthologs of Ciliary-Disease Genes. <i>Current Biology</i> , 2005, 15, 1090-1098. | 1.8 | 307 |
| 123 | De Novo Formation of Left-Right Asymmetry by Posterior Tilt of Nodal Cilia. <i>PLoS Biology</i> , 2005, 3, e268. | 2.6 | 273 |
| 124 | Genome-wide transcriptional analysis of flagellar regeneration in <i>Chlamydomonas reinhardtii</i> identifies orthologs of ciliary disease genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3703-3707. | 3.3 | 203 |
| 125 | Flagellar Length Control System: Testing a Simple Model Based on Intraflagellar Transport and Turnover. <i>Molecular Biology of the Cell</i> , 2005, 16, 270-278. | 0.9 | 216 |
| 126 | PCR-based assay for mating type and diploidy in <i>Chlamydomonas</i> . <i>BioTechniques</i> , 2004, 37, 534-536. | 0.8 | 31 |

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|-----|--|-----|-----------|
| 127 | CELLULAR LENGTH CONTROL SYSTEMS. Annual Review of Cell and Developmental Biology, 2004, 20, 677-693. | 4.0 | 54 |
| 128 | Centrioles: Bad to Be Bald?. Current Biology, 2004, 14, R659-R660. | 1.8 | 1 |
| 129 | Human cilia proteome contains homolog of zebrafish polycystic kidney disease gene qilin. Current Biology, 2004, 14, R913-R914. | 1.8 | 18 |
| 130 | Flagellar Motility: All Pull Together. Current Biology, 2004, 14, R992-R993. | 1.8 | 28 |
| 131 | Tubulin Superfamily: Giving Birth to Triplets. Current Biology, 2003, 13, R55-R56. | 1.8 | 12 |
| 132 | Gene expression and nuclear architecture during development and differentiation. Mechanisms of Development, 2003, 120, 1217-1230. | 1.7 | 25 |
| 133 | Sidereus Nuncius it ain't. Journal of Cell Science, 2002, 115, 3717-3717. | 1.2 | 4 |
| 134 | Order and Disorder in the Nucleus. Current Biology, 2002, 12, R185-R192. | 1.8 | 111 |
| 135 | Size control in dynamic organelles. Trends in Cell Biology, 2002, 12, 414-419. | 3.6 | 35 |
| 136 | Kinetics and regulation of de novo centriole assembly. Current Biology, 2001, 11, 308-317. | 1.8 | 130 |
| 137 | Chromosome elasticity and mitotic polar ejection force measured in living Drosophila embryos by four-dimensional microscopy-based motion analysis. Current Biology, 2001, 11, 569-578. | 1.8 | 107 |
| 138 | A nucleolar protein at the center of centrosome duplication. Trends in Cell Biology, 2001, 11, 57. | 3.6 | 1 |
| 139 | Stay tuned for some importin news about spindle assembly. Trends in Cell Biology, 2001, 11, 148. | 3.6 | 2 |
| 140 | Intraflagellar transport balances continuous turnover of outer doublet microtubules. Journal of Cell Biology, 2001, 155, 405-414. | 2.3 | 387 |
| 141 | How centrioles work: lessons from green yeast. Current Opinion in Cell Biology, 2000, 12, 119-125. | 2.6 | 44 |
| 142 | Fried green centrosomes. Trends in Cell Biology, 2000, 10, 180. | 3.6 | 0 |
| 143 | Kendrin: a missing link between centrioles and spindle pole bodies. Trends in Cell Biology, 2000, 10, 313. | 3.6 | 1 |
| 144 | Mixed Greens. Trends in Cell Biology, 2000, 10, 303. | 3.6 | 0 |

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|-----|---|------|-----------|
| 145 | Cell division: The renaissance of the centriole. <i>Current Biology</i> , 1999, 9, R218-R220. | 1.8 | 27 |
| 146 | No centriole, no centrosome. <i>Trends in Cell Biology</i> , 1999, 9, 94. | 3.6 | 4 |
| 147 | Homologous Chromosome Pairing in <i>Drosophila melanogaster</i> Proceeds through Multiple Independent Initiations. <i>Journal of Cell Biology</i> , 1998, 141, 5-20. | 2.3 | 195 |
| 148 | Telomeres Cluster De Novo before the Initiation of Synapsis: A Three-dimensional Spatial Analysis of Telomere Positions before and during Meiotic Prophase. <i>Journal of Cell Biology</i> , 1997, 137, 5-18. | 2.3 | 292 |
| 149 | Mitosis in Living Budding Yeast: Anaphase A But No Metaphase Plate. <i>Science</i> , 1997, 277, 574-578. | 6.0 | 357 |
| 150 | Deconstructing the nucleus: global architecture from local interactions. <i>Current Opinion in Genetics and Development</i> , 1997, 7, 259-263. | 1.5 | 100 |
| 151 | Perturbation of Nuclear Architecture by Long-Distance Chromosome Interactions. <i>Cell</i> , 1996, 85, 745-759. | 13.5 | 444 |