

George B Witman

List of Publications by Year in descending order

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Version: 2024-02-01

135
papers

18,792
citations

18887

64
h-index

19470

122
g-index

167
all docs

167
docs citations

167
times ranked

11572
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Consensus nomenclature for dyneins and associated assembly factors. <i>Journal of Cell Biology</i> , 2022, 221, . | 2.3 | 25 |
| 2 | <i>Chlamydomonas</i> FAP70 is a component of the previously uncharacterized ciliary central apparatus projection C2a. <i>Journal of Cell Science</i> , 2021, 134, . | 1.2 | 13 |
| 3 | Structural organization of the C1b projection within the ciliary central apparatus. <i>Journal of Cell Science</i> , 2021, 134, . | 1.2 | 3 |
| 4 | The unity and diversity of the ciliary central apparatus. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190164. | 1.8 | 18 |
| 5 | Diffusion rather than IFT likely provides most of the tubulin required for axonemal assembly. <i>Journal of Cell Science</i> , 2020, 133, . | 1.2 | 33 |
| 6 | TIM, a targeted insertional mutagenesis method utilizing CRISPR/Cas9 in <i>Chlamydomonas reinhardtii</i> . <i>PLoS ONE</i> , 2020, 15, e0232594. | 1.1 | 50 |
| 7 | TIM, a targeted insertional mutagenesis method utilizing CRISPR/Cas9 in <i>Chlamydomonas reinhardtii</i> . , 2020, 15, e0232594. | | 0 |
| 8 | TIM, a targeted insertional mutagenesis method utilizing CRISPR/Cas9 in <i>Chlamydomonas reinhardtii</i> . , 2020, 15, e0232594. | | 0 |
| 9 | TIM, a targeted insertional mutagenesis method utilizing CRISPR/Cas9 in <i>Chlamydomonas reinhardtii</i> . , 2020, 15, e0232594. | | 0 |
| 10 | TIM, a targeted insertional mutagenesis method utilizing CRISPR/Cas9 in <i>Chlamydomonas reinhardtii</i> . , 2020, 15, e0232594. | | 0 |
| 11 | A global analysis of IFT-A function reveals specialization for transport of membrane-associated proteins into cilia. <i>Journal of Cell Science</i> , 2019, 132, . | 1.2 | 53 |
| 12 | Proteome of the central apparatus of a ciliary axoneme. <i>Journal of Cell Biology</i> , 2019, 218, 2051-2070. | 2.3 | 62 |
| 13 | Structural organization of the C1a-e-c supercomplex within the ciliary central apparatus. <i>Journal of Cell Biology</i> , 2019, 218, 4236-4251. | 2.3 | 38 |
| 14 | Dynein and intraflagellar transport. , 2018, , 386-432. | | 2 |
| 15 | A microtubule-dynein tethering complex regulates the axonemal inner dynein (I1). <i>Molecular Biology of the Cell</i> , 2018, 29, 1060-1074. | 0.9 | 51 |
| 16 | The N-terminus of IFT46 mediates intraflagellar transport of outer arm dynein and its cargo-adaptor ODA16. <i>Molecular Biology of the Cell</i> , 2017, 28, 2420-2433. | 0.9 | 41 |
| 17 | Characterization of a new <i>oda3</i> allele, <i>oda3-6</i> , defective in assembly of the outer dynein arm-docking complex in <i>Chlamydomonas reinhardtii</i> . <i>PLoS ONE</i> , 2017, 12, e0173842. | 1.1 | 6 |
| 18 | IFT trains in different stages of assembly queue at the ciliary base for consecutive release into the cilium. <i>ELife</i> , 2017, 6, . | 2.8 | 90 |

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|----|---|-----|-----------|
| 19 | The IFT81 and IFT74 N-termini together form the major module for intraflagellar transport of tubulin. <i>Journal of Cell Science</i> , 2016, 129, 2106-19. | 1.2 | 81 |
| 20 | Superresolution Pattern Recognition Reveals the Architectural Map of the Ciliary Transition Zone. <i>Scientific Reports</i> , 2015, 5, 14096. | 1.6 | 128 |
| 21 | Dynein and intraflagellar transport. <i>Experimental Cell Research</i> , 2015, 334, 26-34. | 1.2 | 54 |
| 22 | Intraflagellar transport is essential for mammalian spermiogenesis but is absent in mature sperm. <i>Molecular Biology of the Cell</i> , 2015, 26, 4358-4372. | 0.9 | 87 |
| 23 | In Situ Localization of N and C Termini of Subunits of the Flagellar Nexin-Dynein Regulatory Complex (N-DRC) Using SNAP Tag and Cryo-electron Tomography. <i>Journal of Biological Chemistry</i> , 2015, 290, 5341-5353. | 1.6 | 51 |
| 24 | CFAP54 is required for proper ciliary motility and assembly of the central pair apparatus in mice. <i>Molecular Biology of the Cell</i> , 2015, 26, 3140-3149. | 0.9 | 51 |
| 25 | Reduced tubulin polyglutamylation suppresses flagellar shortness in <i>Chlamydomonas</i> . <i>Molecular Biology of the Cell</i> , 2015, 26, 2810-2822. | 0.9 | 50 |
| 26 | Assembly of IFT Trains at the Ciliary Base Depends on IFT74. <i>Current Biology</i> , 2015, 25, 1583-1593. | 1.8 | 64 |
| 27 | DRC3 connects the N-DRC to dynein g to regulate flagellar waveform. <i>Molecular Biology of the Cell</i> , 2015, 26, 2788-2800. | 0.9 | 48 |
| 28 | TCTEX1D2 mutations underlie Jeune asphyxiating thoracic dystrophy with impaired retrograde intraflagellar transport. <i>Nature Communications</i> , 2015, 6, 7074. | 5.8 | 51 |
| 29 | Novel Jbts17 mutant mouse model of Joubert syndrome with cilia transition zone defects and cerebellar and other ciliopathy related anomalies. <i>Human Molecular Genetics</i> , 2015, 24, 3994-4005. | 1.4 | 34 |
| 30 | Cilia and Diseases. <i>BioScience</i> , 2014, 64, 1126-1137. | 2.2 | 167 |
| 31 | Cooperative binding of the outer arm-docking complex underlies the regular arrangement of outer arm dynein in the axoneme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9461-9466. | 3.3 | 52 |
| 32 | Flipping a Phosphate Switch on Kinesin-II to Turn IFT Around. <i>Developmental Cell</i> , 2014, 30, 492-493. | 3.1 | 3 |
| 33 | Characterization of THB1, a <i>Chlamydomonas reinhardtii</i> Truncated Hemoglobin: Linkage to Nitrogen Metabolism and Identification of Lysine as the Distal Heme Ligand. <i>Biochemistry</i> , 2014, 53, 4573-4589. | 1.2 | 41 |
| 34 | Nephrocystin-4 controls ciliary trafficking of membrane and large soluble proteins at the transition zone. <i>Journal of Cell Science</i> , 2014, 127, 4714-27. | 1.2 | 80 |
| 35 | The <i>Chlamydomonas</i> genome project: a decade on. <i>Trends in Plant Science</i> , 2014, 19, 672-680. | 4.3 | 145 |
| 36 | Flagellar central pair assembly in <i>Chlamydomonas reinhardtii</i> . <i>Cilia</i> , 2013, 2, 15. | 1.8 | 52 |

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|----|--|-----|-----------|
| 37 | Cycling of the signaling protein phospholipase D through cilia requires the BBSome only for the export phase. <i>Journal of Cell Biology</i> , 2013, 201, 249-261. | 2.3 | 131 |
| 38 | 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 |
| 39 | Isolation of <i>Chlamydomonas</i> Flagella. <i>Current Protocols in Cell Biology</i> , 2013, 59, Unit 3.41.1-9. | 2.3 | 42 |
| 40 | The role of retrograde intraflagellar transport in flagellar assembly, maintenance, and function. <i>Journal of Cell Biology</i> , 2012, 199, 151-167. | 2.3 | 103 |
| 41 | A FAP46 mutant provides new insights into the function and assembly of the C1d complex of the ciliary central apparatus. <i>Journal of Cell Science</i> , 2012, 125, 3904-13. | 1.2 | 38 |
| 42 | Dynein and Intraflagellar Transport. , 2012, , 394-421. | | 2 |
| 43 | A unified taxonomy for ciliary dyneins. <i>Cytoskeleton</i> , 2011, 68, 555-565. | 1.0 | 77 |
| 44 | Regulation of flagellar motility by the conserved flagellar protein CG34110/Ccdc135/FAP50. <i>Molecular Biology of the Cell</i> , 2011, 22, 976-987. | 0.9 | 48 |
| 45 | CEP290 tethers flagellar transition zone microtubules to the membrane and regulates flagellar protein content. <i>Journal of Cell Biology</i> , 2010, 190, 927-940. | 2.3 | 345 |
| 46 | Characterization of Novel BBS Mutants in <i>Chlamydomonas reinhardtii</i> . <i>FASEB Journal</i> , 2010, 24, 1b141. | 0.2 | 0 |
| 47 | IC97 Is a Novel Intermediate Chain of 11 Dynein That Interacts with Tubulin and Regulates Interdoublet Sliding. <i>Molecular Biology of the Cell</i> , 2009, 20, 3044-3054. | 0.9 | 49 |
| 48 | Total Internal Reflection Fluorescence (TIRF) Microscopy of <i>Chlamydomonas</i> Flagella. <i>Methods in Cell Biology</i> , 2009, 93, 157-177. | 0.5 | 43 |
| 49 | High-Speed Digital Imaging of Ependymal Cilia in the Murine Brain. <i>Methods in Cell Biology</i> , 2009, 91, 255-264. | 0.5 | 13 |
| 50 | The <i>Chlamydomonas reinhardtii</i> BBSome is an IFT cargo required for export of specific signaling proteins from flagella. <i>Journal of Cell Biology</i> , 2009, 187, 1117-1132. | 2.3 | 314 |
| 51 | HA-tagging of putative flagellar proteins in <i>Chlamydomonas reinhardtii</i> identifies a novel protein of intraflagellar transport complex B. <i>Cytoskeleton</i> , 2009, 66, 469-482. | 4.4 | 64 |
| 52 | The <i>Chlamydomonas</i> Flagellum as a Model for Human Ciliary Disease. , 2009, , 445-478. | | 6 |
| 53 | Mutations in <i>Hydin</i> impair ciliary motility in mice. <i>Journal of Cell Biology</i> , 2008, 180, 633-643. | 2.3 | 236 |
| 54 | Functional analysis of an individual IFT protein: IFT46 is required for transport of outer dynein arms into flagella. <i>Journal of Cell Biology</i> , 2007, 176, 653-665. | 2.3 | 200 |

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|----|---|-----|-----------|
| 55 | Chlamydomonas reinhardtii hydin is a central pair protein required for flagellar motility. Journal of Cell Biology, 2007, 176, 473-482. | 2.3 | 151 |
| 56 | Function and dynamics of PKD2 in <i>Chlamydomonas reinhardtii</i> flagella. Journal of Cell Biology, 2007, 179, 501-514. | 2.3 | 183 |
| 57 | The <i>Chlamydomonas</i> Genome Reveals the Evolution of Key Animal and Plant Functions. Science, 2007, 318, 245-250. | 6.0 | 2,354 |
| 58 | Radial spoke proteins of Chlamydomonas flagella. Journal of Cell Science, 2006, 119, 1165-1174. | 1.2 | 215 |
| 59 | Proteomics of Motile & Primary Cilia: Clues to Human Disease. FASEB Journal, 2006, 20, A437. | 0.2 | 0 |
| 60 | Identification of predicted human outer dynein arm genes: candidates for primary ciliary dyskinesia genes. Journal of Medical Genetics, 2005, 43, 62-73. | 1.5 | 102 |
| 61 | Differential Light Chain Assembly Influences Outer Arm Dynein Motor Function. Molecular Biology of the Cell, 2005, 16, 5661-5674. | 0.9 | 47 |
| 62 | Proteomic analysis of a eukaryotic cilium. Journal of Cell Biology, 2005, 170, 103-113. | 2.3 | 933 |
| 63 | Cytoplasmic dynein nomenclature. Journal of Cell Biology, 2005, 171, 411-413. | 2.3 | 171 |
| 64 | Oda5p, a Novel Axonemal Protein Required for Assembly of the Outer Dynein Arm and an Associated Adenylate Kinase. Molecular Biology of the Cell, 2004, 15, 2729-2741. | 0.9 | 80 |
| 65 | Pericentrin forms a complex with intraflagellar transport proteins and polycystin-2 and is required for primary cilia assembly. Journal of Cell Biology, 2004, 166, 637-643. | 2.3 | 175 |
| 66 | The Autosomal Recessive Polycystic Kidney Disease Protein Is Localized to Primary Cilia, with Concentration in the Basal Body Area. Journal of the American Society of Nephrology: JASN, 2004, 15, 592-602. | 3.0 | 149 |
| 67 | Novel Role for a Sterol Response Element Binding Protein in Directing Spermatogenic Cell-Specific Gene Expression. Molecular and Cellular Biology, 2004, 24, 10681-10688. | 1.1 | 17 |
| 68 | A Dynein Light Intermediate Chain, D1bLIC, Is Required for Retrograde Intraflagellar Transport. Molecular Biology of the Cell, 2004, 15, 4382-4394. | 0.9 | 106 |
| 69 | Photoreceptors and Intraflagellar Transport. , 2004, , 109-132. | | 1 |
| 70 | The vertebrate primary cilium is a sensory organelle. Current Opinion in Cell Biology, 2003, 15, 105-110. | 2.6 | 420 |
| 71 | Cell Motility: Deaf Drosophila Keep the Beat. Current Biology, 2003, 13, R796-R798. | 1.8 | 29 |
| 72 | DC3, the 21-kDa Subunit of the Outer Dynein Arm-Docking Complex (ODA-DC), Is a Novel EF-Hand Protein Important for Assembly of Both the Outer Arm and the ODA-DC. Molecular Biology of the Cell, 2003, 14, 3650-3663. | 0.9 | 95 |

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|----|---|------|-----------|
| 73 | DC3, the Smallest Subunit of the Chlamydomonas Flagellar Outer Dynein Arm-docking Complex, Is a Redox-sensitive Calcium-binding Protein. <i>Journal of Biological Chemistry</i> , 2003, 278, 42652-42659. | 1.6 | 42 |
| 74 | The intraflagellar transport protein, IFT88, is essential for vertebrate photoreceptor assembly and maintenance. <i>Journal of Cell Biology</i> , 2002, 157, 103-114. | 2.3 | 441 |
| 75 | The Outer Dynein Arm-Docking Complex: Composition and Characterization of a Subunit (Oda1) Necessary for Outer Arm Assembly. <i>Molecular Biology of the Cell</i> , 2002, 13, 1015-1029. | 0.9 | 121 |
| 76 | Polycystin-2 localizes to kidney cilia and the ciliary level is elevated in orpk mice with polycystic kidney disease. <i>Current Biology</i> , 2002, 12, R378-R380. | 1.8 | 472 |
| 77 | Intraflagellar transport. <i>Nature Reviews Molecular Cell Biology</i> , 2002, 3, 813-825. | 16.1 | 1,401 |
| 78 | Amoeboid Movement, Cilia, and Flagella. , 2001, , 959-983. | | 0 |
| 79 | Transport and arrangement of the outer-dynein-arm docking complex in the flagella of <i>Chlamydomonas</i> mutants that lack outer dynein arms. <i>Cytoskeleton</i> , 2001, 48, 277-286. | 4.4 | 62 |
| 80 | Differential Expression of the Cs and CÎ±1 Isoforms of the Catalytic Subunit of Cyclic 3â€²,5â€²-Adenosine Monophosphate-Dependent Protein Kinase in Testicular Cells1. <i>Biology of Reproduction</i> , 2001, 65, 151-164. | 1.2 | 41 |
| 81 | The Unique Catalytic Subunit of Sperm cAMP-dependent Protein Kinase Is the Product of an Alternative CÎ± mRNA Expressed Specifically in Spermatogenic Cells. <i>Molecular Biology of the Cell</i> , 2000, 11, 3031-3044. | 0.9 | 35 |
| 82 | <i>Chlamydomonas</i> IFT88 and Its Mouse Homologue, Polycystic Kidney Disease Gene Tg737, Are Required for Assembly of Cilia and Flagella. <i>Journal of Cell Biology</i> , 2000, 151, 709-718. | 2.3 | 1,009 |
| 83 | Forward and Reverse Genetic Analysis of Microtubule Motors in <i>Chlamydomonas</i> . <i>Methods</i> , 2000, 22, 285-298. | 1.9 | 58 |
| 84 | LC2, the <i>Chlamydomonas</i> Homologue of the <i>tct2</i> Complex-encoded Protein Tctex2, Is Essential for Outer Dynein Arm Assembly. <i>Molecular Biology of the Cell</i> , 1999, 10, 3507-3520. | 0.9 | 58 |
| 85 | Rotation of the Central Pair Microtubules in Eukaryotic Flagella. <i>Molecular Biology of the Cell</i> , 1999, 10, 1-4. | 0.9 | 133 |
| 86 | The DHC1b (DHC2) Isoform of Cytoplasmic Dynein Is Required for Flagellar Assembly. <i>Journal of Cell Biology</i> , 1999, 144, 473-481. | 2.3 | 432 |
| 87 | An insertional mutant of <i>Chlamydomonas reinhardtii</i> with defective microtubule positioning. , 1999, 44, 143-154. | | 16 |
| 88 | The Catalytic Subunit of the cAMP-dependent Protein Kinase of Ovine Sperm Flagella Has a Unique Amino-terminal Sequence. <i>Journal of Biological Chemistry</i> , 1998, 273, 24874-24883. | 1.6 | 58 |
| 89 | A Dynein Light Chain Is Essential for the Retrograde Particle Movement of Intraflagellar Transport (IFT). <i>Journal of Cell Biology</i> , 1998, 141, 979-992. | 2.3 | 393 |
| 90 | The <i>Chlamydomonas reinhardtii</i> ODA3 Gene Encodes a Protein of the Outer Dynein Arm Docking Complex. <i>Journal of Cell Biology</i> , 1997, 137, 1069-1080. | 2.3 | 110 |

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| 91 | Functional interaction between Chlamydomonas outer arm dynein subunits: The $\hat{\beta}^3$ subunit suppresses the ATPase activity of the $\hat{\alpha}\hat{\beta}^2$ dimer. , 1997, 37, 338-345. | | 19 |
| 92 | Chapter 6 Isolation of Ram Sperm Flagella. Methods in Cell Biology, 1995, 47, 31-36. | 0.5 | 8 |
| 93 | Chapter 20 Detection of Flagellar Protein Kinases on Polyvinylidene Difluoride Membranes Following Sodium Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis. Methods in Cell Biology, 1995, 47, 135-140. | 0.5 | 2 |
| 94 | Chapter 36 Preparation and Reactivation of Demembrated, Cytosol-Free Ram Spermatozoa. Methods in Cell Biology, 1995, 47, 251-255. | 0.5 | 1 |
| 95 | Mutational analysis of the phototransduction pathway of Chlamydomonas reinhardtii.. Journal of Cell Biology, 1995, 131, 427-440. | 2.3 | 132 |
| 96 | Chapter 30 Reactivation of Chlamydomonas Cell Models. Methods in Cell Biology, 1995, 47, 207-210. | 0.5 | 4 |
| 97 | The 78,000 M(r) intermediate chain of Chlamydomonas outer arm dynein is a WD-repeat protein required for arm assembly.. Journal of Cell Biology, 1995, 129, 169-178. | 2.3 | 152 |
| 98 | The 78,000-M(r) intermediate chain of Chlamydomonas outer arm dynein is a microtubule-binding protein.. Journal of Cell Biology, 1995, 131, 399-409. | 2.3 | 64 |
| 99 | Chapter 40 Assay of Chlamydomonas Phototaxis. Methods in Cell Biology, 1995, 47, 281-287. | 0.5 | 20 |
| 100 | Electron micrographic studies of transport of oligodeoxynucleotides across eukaryotic cell membranes.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 3156-3160. | 3.3 | 57 |
| 101 | Role of cAMP in the reactivation of demembrated ram spermatozoa. Cytoskeleton, 1994, 27, 206-218. | 4.4 | 69 |
| 102 | Novel touch-induced, Ca ²⁺ -dependent phobic response in a flagellate green alga. Cytoskeleton, 1994, 29, 97-109. | 4.4 | 25 |
| 103 | Reactivation of demembrated, cytosol-free ram spermatozoa. Cytoskeleton, 1993, 24, 264-273. | 4.4 | 10 |
| 104 | Chlamydomonas phototaxis. Trends in Cell Biology, 1993, 3, 403-408. | 3.6 | 185 |
| 105 | A Chlamydomonas outer arm dynein mutant with a truncated beta heavy chain. Journal of Cell Biology, 1993, 122, 653-661. | 2.3 | 132 |
| 106 | ptx1, a nonphototactic mutant of Chlamydomonas, lacks control of flagellar dominance.. Journal of Cell Biology, 1993, 120, 733-741. | 2.3 | 66 |
| 107 | The motile beta/IC1 subunit of sea urchin sperm outer arm dynein does not form a rigor bond.. Journal of Cell Biology, 1992, 118, 1177-1188. | 2.3 | 65 |
| 108 | The alpha subunit of sea urchin sperm outer arm dynein mediates structural and rigor binding to microtubules.. Journal of Cell Biology, 1992, 118, 1189-1200. | 2.3 | 68 |

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|-----|--|------|-----------|
| 109 | Axonemal dyneins. <i>Current Opinion in Cell Biology</i> , 1992, 4, 74-79. | 2.6 | 79 |
| 110 | [34] Demembration and reactivation of mammalian spermatozoa from golden hamster and ram. <i>Methods in Enzymology</i> , 1991, 196, 417-428. | 0.4 | 11 |
| 111 | [18] Purification and characterization of <i>Salmo gairdneri</i> outer arm dynein. <i>Methods in Enzymology</i> , 1991, 196, 201-222. | 0.4 | 8 |
| 112 | Outer-arm dynein from trout spermatozoa: Substructural organization. <i>Cytoskeleton</i> , 1990, 16, 266-278. | 4.4 | 42 |
| 113 | Introduction to Cilia and Flagella. , 1990, , 1-30. | | 39 |
| 114 | A two-step procedure for efficient electrotransfer of both high-molecular-weight (>400,000) and low-molecular-weight (<20,000) proteins. <i>Analytical Biochemistry</i> , 1987, 162, 370-377. | 1.1 | 174 |
| 115 | Flagellar movement of intact and demembrated, reactivated ram spermatozoa. <i>Cytoskeleton</i> , 1987, 8, 375-391. | 4.4 | 39 |
| 116 | Isolated flagellar outer arm dynein translocates brain microtubules in vitro. <i>Nature</i> , 1987, 330, 672-674. | 13.7 | 116 |
| 117 | [28] Isolation of <i>Chlamydomonas</i> flagella and flagellar axonemes. <i>Methods in Enzymology</i> , 1986, 134, 280-290. | 0.4 | 311 |
| 118 | [29] Purification and characterization of <i>Chlamydomonas</i> flagellar dyneins. <i>Methods in Enzymology</i> , 1986, 134, 291-306. | 0.4 | 107 |
| 119 | Characterization of monoclonal antibodies against <i>Chlamydomonas</i> flagellar dyneins by high-resolution protein blotting.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1985, 82, 4717-4721. | 3.3 | 116 |
| 120 | Basal bodies and associated structures are not required for normal flagellar motion or phototaxis in the green alga <i>Chlorogonium elongatum</i> .. <i>Journal of Cell Biology</i> , 1985, 100, 297-309. | 2.3 | 54 |
| 121 | Flagellar waveform and rotational orientation in a <i>Chlamydomonas</i> mutant lacking normal striated fibers.. <i>Journal of Cell Biology</i> , 1984, 98, 818-824. | 2.3 | 59 |
| 122 | Submicromolar levels of calcium control the balance of beating between the two flagella in demembrated models of <i>Chlamydomonas</i> .. <i>Journal of Cell Biology</i> , 1984, 98, 97-107. | 2.3 | 343 |
| 123 | Outer doublet heterogeneity reveals structural polarity related to beat direction in <i>Chlamydomonas</i> flagella.. <i>Journal of Cell Biology</i> , 1983, 97, 902-908. | 2.3 | 232 |
| 124 | Synthesis, transport, and utilization of specific flagellar proteins during flagellar regeneration in <i>Chlamydomonas</i> .. <i>Journal of Cell Biology</i> , 1982, 93, 615-631. | 2.3 | 78 |
| 125 | Purification and polypeptide composition of dynein ATPases from <i>chlamydomonas</i> flagella. <i>Cell Motility</i> , 1982, 2, 525-547. | 1.9 | 214 |
| 126 | Functionally significant central-pair rotation in a primitive eukaryotic flagellum. <i>Nature</i> , 1981, 290, 708-710. | 13.7 | 84 |

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|-----|---|-----|-----------|
| 127 | Purification of calmodulin from Chlamydomonas: calmodulin occurs in cell bodies and flagella.. Journal of Cell Biology, 1980, 87, 764-770. | 2.3 | 132 |
| 128 | Calcium control of waveform in isolated flagellar axonemes of chlamydomonas. Journal of Cell Biology, 1980, 86, 446-455. | 2.3 | 292 |
| 129 | Chlamydomonas flagellar mutants lacking radial spokes and central tubules. Structure, composition, and function of specific axonemal components.. Journal of Cell Biology, 1978, 76, 729-747. | 2.3 | 404 |
| 130 | Tubulin requires tau for growth onto microtubule initiating sites.. Proceedings of the National Academy of Sciences of the United States of America, 1976, 73, 4070-4074. | 3.3 | 191 |
| 131 | THE SITE OF IN VIVO ASSEMBLY OF FLAGELLAR MICROTUBULES. Annals of the New York Academy of Sciences, 1975, 253, 178-191. | 1.8 | 109 |
| 132 | Directionality of Brain Microtubule Assembly In Vitro. Proceedings of the National Academy of Sciences of the United States of America, 1974, 71, 1710-1714. | 3.3 | 95 |
| 133 | CHLAMYDOMONAS FLAGELLA. Journal of Cell Biology, 1972, 54, 540-555. | 2.3 | 122 |
| 134 | CHLAMYDOMONAS FLAGELLA. Journal of Cell Biology, 1972, 54, 507-539. | 2.3 | 500 |
| 135 | Comparison of the Microtubule Proteins of Neuroblastoma Cells, Brain, and Chlamydomonas Flagella. Proceedings of the National Academy of Sciences of the United States of America, 1971, 68, 2273-2277. | 3.3 | 99 |