

Arshad Desai

List of Publications by Year in descending order

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142
papers

18,590
citations

14614

66
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128
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149
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149
docs citations

149
times ranked

15181
citing authors

#	ARTICLE	IF	CITATIONS
1	APC7 mediates ubiquitin signaling in constitutive heterochromatin in the developing mammalian brain. <i>Molecular Cell</i> , 2022, 82, 90-105.e13.	4.5	4
2	Evolutionary Dynamics and Molecular Mechanisms of HORMA Domain Protein Signaling. <i>Annual Review of Biochemistry</i> , 2022, 91, 541-569.	5.0	23
3	Polo-like kinase 1 independently controls microtubule-nucleating capacity and size of the centrosome. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	42
4	The PHLPP1 N-Terminal Extension Is a Mitotic Cdk1 Substrate and Controls an Interactome Switch. <i>Molecular and Cellular Biology</i> , 2021, 41, .	1.1	4
5	TRIM37 prevents formation of condensate-organized ectopic spindle poles to ensure mitotic fidelity. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	7
6	Spindle assembly checkpoint activation and silencing at kinetochores. <i>Seminars in Cell and Developmental Biology</i> , 2021, 117, 86-98.	2.3	125
7	A tripartite mechanism catalyzes Mad2-Cdc20 assembly at unattached kinetochores. <i>Science</i> , 2021, 371, 64-67.	6.0	45
8	TRIM37 controls cancer-specific vulnerability to PLK4 inhibition. <i>Nature</i> , 2020, 585, 440-446.	13.7	78
9	A Non-canonical BRCT-Phosphopeptide Recognition Mechanism Underlies RhoA Activation in Cytokinesis. <i>Current Biology</i> , 2020, 30, 3101-3115.e11.	1.8	34
10	Rashomon at the kinetochore: Function(s) of the Mad1-cyclin B1 complex. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	2
11	Centriole-independent mitotic spindle assembly relies on the PCNT-CDK5RAP2 pericentriolar matrix. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	28
12	The G2-to-M Transition Is Ensured by a Dual Mechanism that Protects Cyclin B from Degradation by Cdc20-Activated APC/C. <i>Developmental Cell</i> , 2019, 51, 313-325.e10.	3.1	55
13	Ancestral roles of the Fam20C family of secreted protein kinases revealed in <i>C. elegans</i> . <i>Journal of Cell Biology</i> , 2019, 218, 3795-3811.	2.3	4
14	Unbiased Boolean analysis of public gene expression data for cell cycle gene identification. <i>Molecular Biology of the Cell</i> , 2019, 30, 1770-1779.	0.9	28
15	A high-content imaging approach to profile <i>C. elegans</i> embryonic development. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	9
16	The Kinetochore-Microtubule Coupling Machinery Is Repurposed in Sensory Nervous System Morphogenesis. <i>Developmental Cell</i> , 2019, 48, 864-872.e7.	3.1	33
17	Pharmacological convergence reveals a lipid pathway that regulates <i>C. elegans</i> lifespan. <i>Nature Chemical Biology</i> , 2019, 15, 453-462.	3.9	35
18	A Semi-high-throughput Imaging Method and Data Visualization Toolkit to Analyze <i>C. elegans</i> Embryonic Development. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	0

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19	Promoting an "Auteur Theory" for Young Scientists: Preserving Excitement and Creativity. <i>BioEssays</i> , 2018, 40, 1800147.	1.2	0
20	CFI-400945 is not a selective cellular PLK4 inhibitor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10808-E10809.	3.3	18
21	A positive-feedback-based mechanism for constriction rate acceleration during cytokinesis in <i>Caenorhabditis elegans</i> . <i>ELife</i> , 2018, 7, .	2.8	75
22	Employing the one-cell <i>C. elegans</i> embryo to study cell division processes. <i>Methods in Cell Biology</i> , 2018, 144, 185-231.	0.5	6
23	CYK-4 functions independently of its centralspindlin partner ZEN-4 to cellularize oocytes in germline syncytia. <i>ELife</i> , 2018, 7, .	2.8	25
24	Cdc73 suppresses genome instability by mediating telomere homeostasis. <i>PLoS Genetics</i> , 2018, 14, e1007170.	1.5	15
25	The nucleoporin MEL-28/ELYS: A PP1 scaffold during M-phase exit. <i>Cell Cycle</i> , 2017, 16, 489-490.	1.3	5
26	A toolkit for GFP-mediated tissue-specific protein degradation in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2017, 144, 2694-2701.	1.2	103
27	Chromosome Mis-segregation Generates Cell-Cycle-Arrested Cells with Complex Karyotypes that Are Eliminated by the Immune System. <i>Developmental Cell</i> , 2017, 41, 638-651.e5.	3.1	263
28	Dephosphorylation of the Ndc80 Tail Stabilizes Kinetochores-Microtubule Attachments via the Ska Complex. <i>Developmental Cell</i> , 2017, 41, 424-437.e4.	3.1	54
29	An engineered minimal chromosomal passenger complex reveals a role for INCENP/Sli15 spindle association in chromosome biorientation. <i>Journal of Cell Biology</i> , 2017, 216, 911-923.	2.3	25
30	Channel Nucleoporins Recruit PLK-1 to Nuclear Pore Complexes to Direct Nuclear Envelope Breakdown in <i>C. elegans</i> . <i>Developmental Cell</i> , 2017, 43, 157-171.e7.	3.1	75
31	Taming the Beast: Control of APC/C ^{Cdc20} -Dependent Destruction. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2017, 82, 111-121.	2.0	9
32	Kinetochores accelerate or delay APC/C activation by directing Cdc20 to opposing fates. <i>Genes and Development</i> , 2017, 31, 1089-1094.	2.7	52
33	Meiosis: The Origins of Bias. <i>Current Biology</i> , 2017, 27, R1309-R1311.	1.8	0
34	A Molecular View of Kinetochores Assembly and Function. <i>Biology</i> , 2017, 6, 5.	1.3	432
35	How centrioles acquire the ability to reproduce. <i>ELife</i> , 2017, 6, .	2.8	2
36	A Nucleoporin Docks Protein Phosphatase 1 to Direct Meiotic Chromosome Segregation and Nuclear Assembly. <i>Developmental Cell</i> , 2016, 38, 463-477.	3.1	77

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37	53BP1 and USP28 mediate p53 activation and G1 arrest after centrosome loss or extended mitotic duration. <i>Journal of Cell Biology</i> , 2016, 214, 155-166.	2.3	178
38	A TOGgle for Tension at Kinetochores. <i>Cell</i> , 2016, 165, 1316-1318.	13.5	0
39	A Small RNA-Catalytic Argonaute Pathway Tunes Germline Transcript Levels to Ensure Embryonic Divisions. <i>Cell</i> , 2016, 165, 396-409.	13.5	82
40	A Cell Biologist's Field Guide to Aurora Kinase Inhibitors. <i>Frontiers in Oncology</i> , 2015, 5, 285.	1.3	80
41	Orthogonal targeting of EGFRvIII expressing glioblastomas through simultaneous EGFR and PLK1 inhibition. <i>Oncotarget</i> , 2015, 6, 11751-11767.	0.8	9
42	Natural Loss of Mps1 Kinase in Nematodes Uncovers a Role for Polo-like Kinase 1 in Spindle Checkpoint Initiation. <i>Cell Reports</i> , 2015, 12, 58-65.	2.9	57
43	The outer kinetochore protein KNL-1 contains a defined oligomerization domain in nematodes. <i>Molecular Biology of the Cell</i> , 2015, 26, 229-237.	0.9	11
44	The CENP-A N-Tail Confers Epigenetic Stability to Centromeres via the CENP-T Branch of the CCAN in Fission Yeast. <i>Current Biology</i> , 2015, 25, 348-356.	1.8	45
45	Reversible centriole depletion with an inhibitor of Polo-like kinase 4. <i>Science</i> , 2015, 348, 1155-1160.	6.0	372
46	Preventing farnesylation of the dynein adaptor Spindly contributes to the mitotic defects caused by farnesyltransferase inhibitors. <i>Molecular Biology of the Cell</i> , 2015, 26, 1845-1856.	0.9	44
47	Kinetochore-localized BUB-1/BUB-3 complex promotes anaphase onset in <i>C. elegans</i> . <i>Journal of Cell Biology</i> , 2015, 209, 507-517.	2.3	40
48	Separase Cleaves the N-Tail of the CENP-A Related Protein CPAR-1 at the Meiosis I Metaphase-Anaphase Transition in <i>C. elegans</i> . <i>PLoS ONE</i> , 2015, 10, e0125382.	1.1	25
49	NOCA-1 functions with \hat{I}^3 -tubulin and in parallel to Patronin to assemble non-centrosomal microtubule arrays in <i>C. elegans</i> . <i>ELife</i> , 2015, 4, e08649.	2.8	109
50	A new piece in the kinetochore jigsaw puzzle. <i>Journal of Cell Biology</i> , 2014, 206, 457-459.	2.3	1
51	Mlh2 Is an Accessory Factor for DNA Mismatch Repair in <i>Saccharomyces cerevisiae</i> . <i>PLoS Genetics</i> , 2014, 10, e1004327.	1.5	36
52	A Bub1-Mad1 interaction targets the Mad1-Mad2 complex to unattached kinetochores to initiate the spindle checkpoint. <i>Journal of Cell Biology</i> , 2014, 204, 647-657.	2.3	109
53	Spatial control of phospholipid flux restricts endoplasmic reticulum sheet formation to allow nuclear envelope breakdown. <i>Genes and Development</i> , 2014, 28, 121-126.	2.7	75
54	Linked in: formation and regulation of microtubule attachments during chromosome segregation. <i>Current Opinion in Cell Biology</i> , 2014, 26, 113-122.	2.6	41

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55	PCNA and Msh2-Msh6 Activate an Mlh1-Pms1 Endonuclease Pathway Required for Exo1-Independent Mismatch Repair. <i>Molecular Cell</i> , 2014, 55, 291-304.	4.5	89
56	A two-step mechanism for epigenetic specification of centromere identity and function. <i>Nature Cell Biology</i> , 2013, 15, 1056-1066.	4.6	226
57	Crosstalk Between Microtubule Attachment Complexes Ensures Accurate Chromosome Segregation. <i>Science</i> , 2013, 342, 1239-1242.	6.0	94
58	A Conserved RhoGAP Limits M Phase Contractility and Coordinates with Microtubule Asters to Confine RhoA during Cytokinesis. <i>Developmental Cell</i> , 2013, 26, 496-510.	3.1	97
59	Meiotic Double-Strand Breaks Uncover and Protect against Mitotic Errors in the <i>C.Âlegans</i> Germline. <i>Current Biology</i> , 2013, 23, 2400-2406.	1.8	14
60	Direct Binding of SAS-6 to ZYG-1 Recruits SAS-6 to the Mother Centriole for Cartwheel Assembly. <i>Developmental Cell</i> , 2013, 25, 284-298.	3.1	55
61	What the Hec Is Up with Mouse Oocyte Meiosis?. <i>Developmental Cell</i> , 2013, 25, 3-4.	3.1	3
62	Tension sensing by Aurora B kinase is independent of survivin-based centromere localization. <i>Nature</i> , 2013, 497, 118-121.	13.7	129
63	Spindle assembly checkpoint proteins are positioned close to core microtubule attachment sites at kinetochores. <i>Journal of Cell Biology</i> , 2013, 202, 735-746.	2.3	67
64	Dominant Mutations in <i>S. cerevisiae</i> PMS1 Identify the Mlh1-Pms1 Endonuclease Active Site and an Exonuclease 1-Independent Mismatch Repair Pathway. <i>PLoS Genetics</i> , 2013, 9, e1003869.	1.5	52
65	The midbody ring scaffolds the abscission machinery in the absence of midbody microtubules. <i>Journal of Cell Biology</i> , 2013, 203, 505-520.	2.3	71
66	Hierarchical assembly of the eggshell and permeability barrier in <i>C. elegans</i> . <i>Journal of Cell Biology</i> , 2012, 198, 731-748.	2.3	119
67	Microtubule binding by KNL-1 contributes to spindle checkpoint silencing at the kinetochore. <i>Journal of Cell Biology</i> , 2012, 196, 469-482.	2.3	125
68	Structure, assembly and reading of centromeric chromatin. <i>Current Opinion in Genetics and Development</i> , 2012, 22, 139-147.	1.5	31
69	An inverse relationship to germline transcription defines centromeric chromatin in <i>C. elegans</i> . <i>Nature</i> , 2012, 484, 534-537.	13.7	147
70	Acentrosomal spindle assembly and chromosome segregation during oocyte meiosis. <i>Trends in Cell Biology</i> , 2012, 22, 241-249.	3.6	157
71	Broad chromosomal domains of histone modification patterns in <i>C. elegans</i> . <i>Genome Research</i> , 2011, 21, 227-236.	2.4	256
72	Affinity Purification of Protein Complexes in <i>C. elegans</i> . <i>Methods in Cell Biology</i> , 2011, 106, 289-322.	0.5	40

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73	A High-Resolution <i>C.Âelegans</i> Essential Gene Network Based on Phenotypic Profiling of a Complex Tissue. <i>Cell</i> , 2011, 145, 470-482.	13.5	193
74	Visualization of Eukaryotic DNA Mismatch Repair Reveals Distinct Recognition and Repair Intermediates. <i>Cell</i> , 2011, 147, 1040-1053.	13.5	183
75	Acute Drug Treatment in the Early <i>C. elegans</i> Embryo. <i>PLoS ONE</i> , 2011, 6, e24656.	1.1	114
76	Rapid De Novo Centromere Formation Occurs Independently of Heterochromatin Protein 1 in <i>C.Âelegans</i> Embryos. <i>Current Biology</i> , 2011, 21, 1800-1807.	1.8	41
77	The chromosomal passenger complex and centralspindlin independently contribute to contractile ring assembly. <i>Journal of Cell Biology</i> , 2011, 193, 155-169.	2.3	62
78	Uncoordinated Loss of Chromatid Cohesion Is a Common Outcome of Extended Metaphase Arrest. <i>PLoS ONE</i> , 2011, 6, e22969.	1.1	81
79	PHF8 mediates histone H4 lysine 20 demethylation events involved in cell cycle progression. <i>Nature</i> , 2010, 466, 508-512.	13.7	367
80	A kinetochore-independent mechanism drives anaphase chromosome separation during acentrosomal meiosis. <i>Nature Cell Biology</i> , 2010, 12, 894-901.	4.6	189
81	Removal of Spindly from microtubule-attached kinetochores controls spindle checkpoint silencing in human cells. <i>Genes and Development</i> , 2010, 24, 957-971.	2.7	173
82	Integrative Analysis of the <i>Caenorhabditis elegans</i> Genome by the modENCODE Project. <i>Science</i> , 2010, 330, 1775-1787.	6.0	912
83	A PSHaver for Centromeric Histones. <i>Molecular Cell</i> , 2010, 40, 351-352.	4.5	3
84	Systematic Analysis in <i>Caenorhabditis elegans</i> Reveals that the Spindle Checkpoint Is Composed of Two Largely Independent Branches. <i>Molecular Biology of the Cell</i> , 2009, 20, 1252-1267.	0.9	81
85	Structural Memory in the Contractile Ring Makes the Duration of Cytokinesis Independent of Cell Size. <i>Cell</i> , 2009, 137, 926-937.	13.5	193
86	Protein Architecture of the Human Kinetochore Microtubule Attachment Site. <i>Cell</i> , 2009, 137, 672-684.	13.5	310
87	Molecular architecture of the kinetochoreâ€“microtubule interface. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 33-46.	16.1	798
88	Kinetochoreâ€“microtubule interactions: the means to the end. <i>Current Opinion in Cell Biology</i> , 2008, 20, 53-63.	2.6	104
89	Fibrils Connect Microtubule Tips with Kinetochores: A Mechanism to Couple Tubulin Dynamics to Chromosome Motion. <i>Cell</i> , 2008, 135, 322-333.	13.5	186
90	Expression and Imaging of Fluorescent Proteins in the <i>C. elegans</i> Gonad and Early Embryo. <i>Methods in Cell Biology</i> , 2008, 85, 179-218.	0.5	64

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91	Inhibition of Rac by the GAP Activity of Centralspindlin Is Essential for Cytokinesis. <i>Science</i> , 2008, 322, 1543-1546.	6.0	172
92	A new mechanism controlling kinetochore-microtubule interactions revealed by comparison of two dynein-targeting components: SPDL-1 and the Rod/Zwilch/Zw10 complex. <i>Genes and Development</i> , 2008, 22, 2385-2399.	2.7	156
93	An integrated mechanobiochemical feedback mechanism describes chromosome motility from prometaphase to anaphase in mitosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13752-13757.	3.3	18
94	The wages of CIN. <i>Journal of Cell Biology</i> , 2008, 180, 661-663.	2.3	14
95	Proteomics in <i>Caenorhabditis elegans</i> . <i>Briefings in Functional Genomics & Proteomics</i> , 2008, 7, 205-210.	3.8	13
96	Orientation and structure of the Ndc80 complex on the microtubule lattice. <i>Journal of Cell Biology</i> , 2008, 182, 1055-1061.	2.3	86
97	SAS-4 is recruited to a dynamic structure in newly forming centrioles that is stabilized by the β -tubulin-mediated addition of centriolar microtubules. <i>Journal of Cell Biology</i> , 2008, 180, 771-785.	2.3	111
98	A mechanobiochemical mechanism for monooriented chromosome oscillation in mitosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16104-16109.	3.3	14
99	A role for Rab5 in structuring the endoplasmic reticulum. <i>Journal of Cell Biology</i> , 2007, 178, 43-56.	2.3	171
100	Functional genomics identifies a Myb domain-containing protein family required for assembly of CENP-A chromatin. <i>Journal of Cell Biology</i> , 2007, 176, 757-763.	2.3	203
101	A Microtubule-Independent Role for Centrosomes and Aurora A in Nuclear Envelope Breakdown. <i>Developmental Cell</i> , 2007, 12, 515-529.	3.1	123
102	Anillin and the Septins Promote Asymmetric Ingression of the Cytokinetic Furrow. <i>Developmental Cell</i> , 2007, 12, 827-835.	3.1	191
103	When it comes to couple(r)s, do opposites attract?. <i>Nature Structural and Molecular Biology</i> , 2007, 14, 790-792.	3.6	1
104	A Bir1-Sli15 Complex Connects Centromeres to Microtubules and Is Required to Sense Kinetochore Tension. <i>Cell</i> , 2006, 127, 1179-1191.	13.5	112
105	The CENP-H complex is required for the efficient incorporation of newly synthesized CENP-A into centromeres. <i>Nature Cell Biology</i> , 2006, 8, 446-457.	4.6	437
106	An FHA domain-mediated protein interaction network of Rad53 reveals its role in polarized cell growth. <i>Journal of Cell Biology</i> , 2006, 175, 743-753.	2.3	85
107	The human Mis12 complex is required for kinetochore assembly and proper chromosome segregation. <i>Journal of Cell Biology</i> , 2006, 173, 9-17.	2.3	173
108	Molecular analysis of mitotic chromosome condensation using a quantitative time-resolved fluorescence microscopy assay. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15097-15102.	3.3	73

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109	Differential role of CENP-A in the segregation of holocentric <i>C. elegans</i> chromosomes during meiosis and mitosis. <i>Nature Cell Biology</i> , 2005, 7, 1248-1255.	4.6	186
110	Kinetochore–spindle microtubule interactions during mitosis. <i>Current Opinion in Cell Biology</i> , 2005, 17, 35-46.	2.6	95
111	Microtubule Cytoskeleton: A New Twist at the End. <i>Current Biology</i> , 2005, 15, R126-R129.	1.8	4
112	The CENP-F-like Proteins HCP-1 and HCP-2 Target CLASP to Kinetochores to Mediate Chromosome Segregation. <i>Current Biology</i> , 2005, 15, 771-777.	1.8	90
113	Distinct roles for two <i>C. elegans</i> anillins in the gonad and early embryo. <i>Development (Cambridge)</i> , 2005, 132, 2837-2848.	1.2	153
114	Microtubule capture by CENP-E silences BubR1-dependent mitotic checkpoint signaling. <i>Journal of Cell Biology</i> , 2005, 170, 873-880.	2.3	134
115	A complex containing the Sm protein CAR-1 and the RNA helicase CGH-1 is required for embryonic cytokinesis in <i>Caenorhabditis elegans</i> . <i>Journal of Cell Biology</i> , 2005, 171, 267-279.	2.3	222
116	An Essential Function of the <i>C. elegans</i> Ortholog of TPX2 Is to Localize Activated Aurora A Kinase to Mitotic Spindles. <i>Developmental Cell</i> , 2005, 9, 237-248.	3.1	105
117	A conserved protein network controls assembly of the outer kinetochore and its ability to sustain tension. <i>Genes and Development</i> , 2004, 18, 2255-2268.	2.7	370
118	Feeling tense enough?. <i>Nature</i> , 2004, 428, 32-33.	13.7	7
119	Cell division: AAAtacking the mitotic spindle. <i>Current Biology</i> , 2004, 14, R70-R72.	1.8	26
120	"Holo"er than thou: Chromosome segregation and kinetochore function in <i>C. elegans</i> . <i>Chromosome Research</i> , 2004, 12, 641-653.	1.0	147
121	Centriole Assembly Requires Both Centriolar and Pericentriolar Material Proteins. <i>Developmental Cell</i> , 2004, 7, 815-829.	3.1	273
122	The minus end in sight. <i>Current Biology</i> , 2003, 13, R614-R624.	1.8	133
123	KNL-1 directs assembly of the microtubule-binding interface of the kinetochore in <i>C. elegans</i> . <i>Genes and Development</i> , 2003, 17, 2421-2435.	2.7	225
124	The (Theoretical) Yin and Yang of Spindle Mechanics. <i>Developmental Cell</i> , 2002, 3, 465-467.	3.1	2
125	Poleward Microtubule Flux Is a Major Component of Spindle Dynamics and Anaphase A in Mitotic <i>Drosophila</i> Embryos. <i>Current Biology</i> , 2002, 12, 1670-1674.	1.8	104
126	The Microtubule-Destabilizing Kinesin XKCM1 Is Required for Chromosome Positioning during Spindle Assembly. <i>Current Biology</i> , 2002, 12, 1885-1889.	1.8	75

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127	Cell biology. Current Opinion in Cell Biology, 2002, 14, 661-670.	2.6	0
128	The spindle: a dynamic assembly of microtubules and motors. Nature Cell Biology, 2001, 3, E28-E34.	4.6	448
129	Functional Analysis of Kinetochores Assembly in <i>Caenorhabditis elegans</i> . Journal of Cell Biology, 2001, 153, 1209-1226.	2.3	416
130	Implication of a novel multiprotein Dam1p complex in outer kinetochore function. Journal of Cell Biology, 2001, 155, 1137-1146.	2.3	167
131	Reconstitution of Physiological Microtubule Dynamics Using Purified Components. Science, 2001, 294, 1340-1343.	6.0	202
132	Kinetochores. Current Biology, 2000, 10, R508.	1.8	0
133	Cell biology. Current Opinion in Cell Biology, 1999, 11, 523-534.	2.6	0
134	Microtubule cytoskeleton: No longer an also Ran. Current Biology, 1999, 9, R704-R707.	1.8	15
135	Kin I Kinesins Are Microtubule-Destabilizing Enzymes. Cell, 1999, 96, 69-78.	13.5	658
136	Fluorescent speckle microscopy, a method to visualize the dynamics of protein assemblies in living cells. Current Biology, 1998, 8, 1227-S1.	1.8	306
137	Tubulin and FtsZ structures: functional and therapeutic implications. BioEssays, 1998, 20, 523-527.	1.2	20
138	[12] Preparation and characterization of caged fluorescein tubulin. Methods in Enzymology, 1998, 298, 125-132.	0.4	21
139	Anaphase A Chromosome Movement and Poleward Spindle Microtubule Flux Occur At Similar Rates in <i>Xenopus</i> Extract Spindles. Journal of Cell Biology, 1998, 141, 703-713.	2.3	139
140	[23] Purification and assay of a septin complex from <i>Drosophila</i> embryos. Methods in Enzymology, 1998, 298, 279-295.	0.4	16
141	MICROTUBULE POLYMERIZATION DYNAMICS. Annual Review of Cell and Developmental Biology, 1997, 13, 83-117.	4.0	2,222
142	XKCM1: A <i>Xenopus</i> Kinesin-Related Protein That Regulates Microtubule Dynamics during Mitotic Spindle Assembly. Cell, 1996, 84, 37-47.	13.5	517