

John A Cooper

List of Publications by Year in descending order

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167
papers

19,970
citations

10956

71
h-index

11288

136
g-index

177
all docs

177
docs citations

177
times ranked

15868
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of cytochalasin and phalloidin on actin.. Journal of Cell Biology, 1987, 105, 1473-1478.	2.3	1,932
2	Actin, a Central Player in Cell Shape and Movement. Science, 2009, 326, 1208-1212.	6.0	1,673
3	Antagonism between Ena/VASP Proteins and Actin Filament Capping Regulates Fibroblast Motility. Cell, 2002, 109, 509-521.	13.5	759
4	The immunological synapse and the actin cytoskeleton: molecular hardware for T cell signaling. Nature Immunology, 2000, 1, 23-29.	7.0	593
5	Cortactin promotes and stabilizes Arp2/3-induced actin filament network formation. Current Biology, 2001, 11, 370-374.	1.8	540
6	Pyrene actin: documentation of the validity of a sensitive assay for actin polymerization. Journal of Muscle Research and Cell Motility, 1983, 4, 253-262.	0.9	451
7	Dynamics of capping protein and actin assembly in vitro: uncapping barbed ends by polyphosphoinositides.. Journal of Cell Biology, 1996, 135, 169-179.	2.3	376
8	Cortactin Localization to Sites of Actin Assembly in Lamellipodia Requires Interactions with F-Actin and the Arp2/3 Complex. Journal of Cell Biology, 2000, 151, 29-40.	2.3	369
9	Three-Dimensional Imaging by Deconvolution Microscopy. Methods, 1999, 19, 373-385.	1.9	363
10	Roles for Actin Assembly in Endocytosis. Annual Review of Biochemistry, 2012, 81, 661-686.	5.0	346
11	Microtubule Interactions with the Cell Cortex Causing Nuclear Movements in Saccharomyces cerevisiae. Journal of Cell Biology, 2000, 149, 863-874.	2.3	310
12	Quantitative analysis of the effect of Acanthamoeba profilin on actin filament nucleation and elongation. Biochemistry, 1984, 23, 6631-6641.	1.2	307
13	The Role of Actin Polymerization in Cell Motility. Annual Review of Physiology, 1991, 53, 585-605.	5.6	303
14	Control of actin assembly and disassembly at filament ends. Current Opinion in Cell Biology, 2000, 12, 97-103.	2.6	300
15	Ultrastructural analysis of the dynactin complex: an actin-related protein is a component of a filament that resembles F-actin.. Journal of Cell Biology, 1994, 126, 403-412.	2.3	260
16	Capping protein regulators fine-tune actin assembly dynamics. Nature Reviews Molecular Cell Biology, 2014, 15, 677-689.	16.1	255
17	Interaction of Cortactin and N-WASp with Arp2/3 Complex. Current Biology, 2002, 12, 1270-1278.	1.8	238
18	The role of the lissencephaly protein Pac1 during nuclear migration in budding yeast. Journal of Cell Biology, 2003, 160, 355-364.	2.3	232

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19	A yeast actin-related protein homologous to that in vertebrate dynactin complex is important for spindle orientation and nuclear migration. <i>Cell</i> , 1994, 78, 669-679.	13.5	226
20	Movement of cortical actin patches in yeast.. <i>Journal of Cell Biology</i> , 1996, 132, 861-870.	2.3	209
21	Kinetic evidence for a monomer activation step in actin polymerization. <i>Biochemistry</i> , 1983, 22, 2193-2202.	1.2	200
22	New Insights into Mechanism and Regulation of Actin Capping Protein. <i>International Review of Cell and Molecular Biology</i> , 2008, 267, 183-206.	1.6	195
23	Src phosphorylation of cortactin enhances actin assembly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 11933-11938.	3.3	193
24	Control of Actin Assembly at Filament Ends. <i>Annual Review of Cell and Developmental Biology</i> , 1995, 11, 497-518.	4.0	191
25	Dynamin2 and Cortactin Regulate Actin Assembly and Filament Organization. <i>Current Biology</i> , 2002, 12, 1852-1857.	1.8	181
26	Trojan Horse Transit Contributes to Blood-Brain Barrier Crossing of a Eukaryotic Pathogen. <i>MBio</i> , 2017, 8, .	1.8	176
27	Integration of signals to the Arp2/3 complex. <i>Current Opinion in Cell Biology</i> , 2003, 15, 23-30.	2.6	171
28	Actin Filament Severing by Cofilin. <i>Journal of Molecular Biology</i> , 2007, 365, 1350-1358.	2.0	164
29	Disruption of the actin cytoskeleton in yeast capping protein mutants. <i>Nature</i> , 1990, 344, 352-354.	13.7	163
30	Effects of CapZ, an actin-capping protein of muscle, on the polymerization of actin. <i>Biochemistry</i> , 1989, 28, 8506-8514.	1.2	161
31	Visualization and Molecular Analysis of Actin Assembly in Living Cells. <i>Journal of Cell Biology</i> , 1998, 143, 1919-1930.	2.3	161
32	Cortactin Interacts with WIP in Regulating Arp2/3 Activation and Membrane Protrusion. <i>Current Biology</i> , 2003, 13, 384-393.	1.8	159
33	Capping protein levels influence actin assembly and cell motility in dictyostelium. <i>Cell</i> , 1995, 81, 591-600.	13.5	158
34	Interactions with PIP2, ADP-actin monomers, and capping protein regulate the activity and localization of yeast twinfilin. <i>Journal of Cell Biology</i> , 2001, 155, 251-260.	2.3	156
35	[19] Methods to measure actin polymerization. <i>Methods in Enzymology</i> , 1982, 85 Pt B, 182-210.	0.4	154
36	A cytokinesis checkpoint requiring the yeast homologue of an APC-binding protein. <i>Nature</i> , 1998, 393, 487-491.	13.7	151

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37	The Cortical Protein Num1p Is Essential for Dynein-Dependent Interactions of Microtubules with the Cortex. <i>Journal of Cell Biology</i> , 2000, 151, 1337-1344.	2.3	148
38	How Capping Protein Binds the Barbed End of the Actin Filament. <i>Current Biology</i> , 2003, 13, 1531-1537.	1.8	143
39	Microinjection of gelsolin into living cells.. <i>Journal of Cell Biology</i> , 1987, 104, 491-501.	2.3	137
40	Actin and endocytosis: mechanisms and phylogeny. <i>Current Opinion in Cell Biology</i> , 2009, 21, 20-27.	2.6	135
41	Distinct Roles for Arp2/3 Regulators in Actin Assembly and Endocytosis. <i>PLoS Biology</i> , 2008, 6, e1.	2.6	134
42	Actin Assembly at Membranes Controlled by ARF6. <i>Traffic</i> , 2000, 1, 896-907.	1.3	126
43	Cortactin Has an Essential and Specific Role in Osteoclast Actin Assembly. <i>Molecular Biology of the Cell</i> , 2006, 17, 2882-2895.	0.9	125
44	Effects of null mutations and overexpression of capping protein on morphogenesis, actin distribution and polarized secretion in yeast.. <i>Journal of Cell Biology</i> , 1992, 119, 1151-1162.	2.3	124
45	Assembly and Function of the Actin Cytoskeleton of Yeast: Relationships between Cables and Patches. <i>Journal of Cell Biology</i> , 1998, 142, 1501-1517.	2.3	121
46	Actin Dynamics: Tropomyosin Provides Stability. <i>Current Biology</i> , 2002, 12, R523-R525.	1.8	121
47	Structural characterization of a capping protein interaction motif defines a family of actin filament regulators. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 497-503.	3.6	121
48	Purification, characterization, and immunofluorescence localization of <i>Saccharomyces cerevisiae</i> capping protein. <i>Journal of Cell Biology</i> , 1992, 117, 1067-1076.	2.3	117
49	Capping protein: new insights into mechanism and regulation. <i>Trends in Biochemical Sciences</i> , 2004, 29, 418-428.	3.7	114
50	Mammalian CARMIL Inhibits Actin Filament Capping by Capping Protein. <i>Developmental Cell</i> , 2005, 9, 209-221.	3.1	114
51	The Sur7p Family Defines Novel Cortical Domains in <i>Saccharomyces cerevisiae</i> , Affects Sphingolipid Metabolism, and Is Involved in Sporulation. <i>Molecular and Cellular Biology</i> , 2002, 22, 927-934.	1.1	112
52	Effect of capping protein on the kinetics of actin polymerization. <i>Biochemistry</i> , 1985, 24, 793-799.	1.2	107
53	Actin dynamics: Assembly and disassembly of actin networks. <i>Current Biology</i> , 2000, 10, R891-R895.	1.8	107
54	Regulation of CapZ, an actin capping protein of chicken muscle, by anionic phospholipids. <i>Biochemistry</i> , 1991, 30, 8753-8758.	1.2	103

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55	Role of Actin and Myo2p in Polarized Secretion and Growth of <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2000, 11, 1727-1737.	0.9	103
56	Yeast actin patches are networks of branched actin filaments. <i>Journal of Cell Biology</i> , 2004, 166, 629-635.	2.3	101
57	NudEL targets dynein to microtubule ends through LIS1. <i>Nature Cell Biology</i> , 2005, 7, 686-690.	4.6	101
58	Actin organization, bristle morphology, and viability are affected by actin capping protein mutations in <i>Drosophila</i> . <i>Journal of Cell Biology</i> , 1996, 133, 1293-1305.	2.3	98
59	<i>Acanthamoeba castellanii</i> capping protein: properties, mechanism of action, immunologic cross-reactivity, and localization. <i>Journal of Cell Biology</i> , 1984, 99, 217-225.	2.3	96
60	Immortalized human cerebral microvascular endothelial cells maintain the properties of primary cells in an in vitro model of immune migration across the blood brain barrier. <i>Journal of Neuroscience Methods</i> , 2013, 212, 173-179.	1.3	96
61	The offloading model for dynein function. <i>Journal of Cell Biology</i> , 2005, 168, 201-207.	2.3	91
62	Capping protein binding to actin in yeast. <i>Journal of Cell Biology</i> , 2004, 164, 567-580.	2.3	90
63	[20] Methods to characterize actin filament networks. <i>Methods in Enzymology</i> , 1982, 85 Pt B, 211-233.	0.4	89
64	The Surveillance Mechanism of the Spindle Position Checkpoint in Yeast. <i>Journal of Cell Biology</i> , 2001, 153, 159-168.	2.3	88
65	Septins Have a Dual Role in Controlling Mitotic Exit in Budding Yeast. <i>Current Biology</i> , 2003, 13, 654-658.	1.8	87
66	Actin dynamics and endocytosis in yeast and mammals. <i>Current Opinion in Biotechnology</i> , 2010, 21, 604-610.	3.3	83
67	Function of dynein in budding yeast: Mitotic spindle positioning in a polarized cell. <i>Cytoskeleton</i> , 2009, 66, 546-555.	4.4	82
68	Septins may form a ubiquitous family of cytoskeletal filaments. <i>Journal of Cell Biology</i> , 1996, 134, 1345-1348.	2.3	81
69	Nebulin Interacts with CapZ and Regulates Thin Filament Architecture within the Z-Disc. <i>Molecular Biology of the Cell</i> , 2008, 19, 1837-1847.	0.9	81
70	The Pleckstrin Homology Domain-Containing Protein CKIP-1 Is Involved in Regulation of Cell Morphology and the Actin Cytoskeleton and Interaction with Actin Capping Protein. <i>Molecular and Cellular Biology</i> , 2005, 25, 3519-3534.	1.1	77
71	Identification and characterization of an actin-binding site of CapZ. <i>Journal of Cell Biology</i> , 1992, 116, 923-931.	2.3	74
72	Identification of a Novel Inhibitory Actin-capping Protein Binding Motif in CD2-associated Protein. <i>Journal of Biological Chemistry</i> , 2006, 281, 19196-19203.	1.6	74

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73	Dynactin Function in Mitotic Spindle Positioning. <i>Traffic</i> , 2008, 9, 510-527.	1.3	74
74	Neurodegeneration mutations in dynactin impair dynein-dependent nuclear migration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5147-5152.	3.3	74
75	Structure/Function Analysis of the Interaction of Phosphatidylinositol 4,5-Bisphosphate with Actin-capping Protein. <i>Journal of Biological Chemistry</i> , 2007, 282, 5871-5879.	1.6	73
76	Actin filaments in yeast are unstable in the absence of capping protein or fimbrin.. <i>Journal of Cell Biology</i> , 1995, 131, 1483-1493.	2.3	72
77	Biological role and structural mechanism of twinfilinâ€“capping protein interaction. <i>EMBO Journal</i> , 2004, 23, 3010-3019.	3.5	71
78	Overlapping and distinct functions for cofilin, coronin and Aip1 in actin dynamics in vivo. <i>Journal of Cell Science</i> , 2010, 123, 1329-1342.	1.2	71
79	Targeting nucleotide exchange to inhibit constitutively active G protein $\hat{\pm}$ subunits in cancer cells. <i>Science Signaling</i> , 2018, 11, .	1.6	71
80	Vertebrate Isoforms of Actin Capping Protein $\hat{2}$ Have Distinct Functions in Vivo. <i>Journal of Cell Biology</i> , 1999, 147, 1287-1298.	2.3	70
81	Distinct Roles for CARMIL Isoforms in Cell Migration. <i>Molecular Biology of the Cell</i> , 2009, 20, 5290-5305.	0.9	70
82	Coordinating mitosis with cell polarity: Molecular motors at the cell cortex. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 283-289.	2.3	70
83	Physical, immunochemical, and functional properties of <i>Acanthamoeba</i> profilin.. <i>Journal of Cell Biology</i> , 1984, 98, 214-221.	2.3	69
84	Tropomyosin Regulates Elongation by Formin at the Fast-Growing End of the Actin Filament. <i>Biochemistry</i> , 2007, 46, 8146-8155.	1.2	67
85	The unusual dynamics of parasite actin result from isodesmic polymerization. <i>Nature Communications</i> , 2013, 4, 2285.	5.8	62
86	Localization and mobility of gelsolin in cells.. <i>Journal of Cell Biology</i> , 1988, 106, 1229-1240.	2.3	61
87	Vertebrates have conserved capping protein $\hat{1}\pm$ isoforms with specific expression patterns. , 1997, 38, 120-132.		61
88	The role of <i>Saccharomyces cerevisiae</i> coronin in the actin and microtubule cytoskeletons. <i>Current Biology</i> , 1998, 8, 1281-S7.	1.8	60
89	Actin-based Motility during Endocytosis in Budding Yeast. <i>Molecular Biology of the Cell</i> , 2006, 17, 1354-1363.	0.9	59
90	Lack of correlation between changes in polyphosphoinositide levels and actin/gelsolin complexes in A431 cells treated with epidermal growth factor.. <i>Journal of Cell Biology</i> , 1991, 112, 1151-1156.	2.3	58

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91	The Role of CKIP-1 in Cell Morphology Depends on Its Interaction with Actin-capping Protein. <i>Journal of Biological Chemistry</i> , 2006, 281, 36347-36359.	1.6	58
92	The Interaction of Capping Protein with the Barbed End of the Actin Filament. <i>Journal of Molecular Biology</i> , 2010, 404, 794-802.	2.0	58
93	Localization of CapZ during myofibrillogenesis in cultured chicken muscle. <i>Cytoskeleton</i> , 1993, 25, 317-335.	4.4	57
94	Unexpected combinations of null mutations in genes encoding the actin cytoskeleton are lethal in yeast.. <i>Molecular Biology of the Cell</i> , 1993, 4, 459-468.	0.9	57
95	CD2AP Links Cortactin and Capping Protein at the Cell Periphery To Facilitate Formation of Lamellipodia. <i>Molecular and Cellular Biology</i> , 2013, 33, 38-47.	1.1	57
96	Actin Capping Protein. <i>Circulation Research</i> , 2002, 90, 1299-1306.	2.0	56
97	End versus Side Branching by Arp2/3 Complex. <i>Biophysical Journal</i> , 2004, 86, 1074-1081.	0.2	56
98	Actin-related protein nomenclature and classification.. <i>Journal of Cell Biology</i> , 1994, 127, 1777-1778.	2.3	55
99	Pn-AMP1, a Plant Defense Protein, Induces Actin Depolarization in Yeasts. <i>Plant and Cell Physiology</i> , 2004, 45, 1669-1680.	1.5	54
100	TOR signaling regulates microtubule structure and function. <i>Current Biology</i> , 2000, 10, 861-864.	1.8	52
101	Binding of Myotrophin/V-1 to Actin-capping Protein. <i>Journal of Biological Chemistry</i> , 2006, 281, 31021-31030.	1.6	52
102	Differently phosphorylated forms of the cortactin homolog HS1 mediate distinct functions in natural killer cells. <i>Nature Immunology</i> , 2008, 9, 887-897.	7.0	52
103	[29] Preparation of smooth muscle $\hat{\iota}$ -actinin. <i>Methods in Enzymology</i> , 1982, 85 Pt B, 316-321.	0.4	49
104	Formin' the Connection between Microtubules and the Cell Cortex. <i>Journal of Cell Biology</i> , 1999, 144, 809-811.	2.3	49
105	Distinct Roles for the Actin Nucleators Arp2/3 and hDia1 during NK-Mediated Cytotoxicity. <i>Current Biology</i> , 2009, 19, 1886-1896.	1.8	49
106	CARMIL2 is a novel molecular connection between vimentin and actin essential for cell migration and invadopodia formation. <i>Molecular Biology of the Cell</i> , 2015, 26, 4577-4588.	0.9	48
107	Isolation and characterization of cDNA encoding the alpha subunit of Cap Z(36/32), an actin-capping protein from the Z line of skeletal muscle.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 5800-5804.	3.3	44
108	Localization of capping protein in chicken epithelial cells by immunofluorescence and biochemical fractionation.. <i>Journal of Cell Biology</i> , 1992, 118, 335-346.	2.3	44

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109	Endothelial cells use dynamic actin to facilitate lymphocyte transendothelial migration and maintain the monolayer barrier. <i>Molecular Biology of the Cell</i> , 2014, 25, 4115-4129.	0.9	42
110	Quantitative Analysis of Actin Patch Movement in Yeast. <i>Biophysical Journal</i> , 2002, 82, 2333-2343.	0.2	40
111	CARMIL family proteins as multidomain regulators of actin-based motility. <i>Molecular Biology of the Cell</i> , 2017, 28, 1713-1723.	0.9	40
112	Dynein and Dynactin Leverage Their Bivalent Character to Form a High-Affinity Interaction. <i>PLoS ONE</i> , 2013, 8, e59453.	1.1	38
113	A novel mode of capping protein-regulation by twinfilin. <i>ELife</i> , 2018, 7, .	2.8	38
114	Rapid and efficient purification of actin from nonmuscle sources. , 1998, 39, 166-171.		36
115	Functional interaction between dynein light chain and intermediate chain is required for mitotic spindle positioning. <i>Molecular Biology of the Cell</i> , 2011, 22, 2690-2701.	0.9	36
116	The spindle position checkpoint is coordinated by the Elm1 kinase. <i>Journal of Cell Biology</i> , 2010, 191, 493-503.	2.3	35
117	Endothelial monolayers and transendothelial migration depend on mechanical properties of the substrate. <i>Cytoskeleton</i> , 2014, 71, 695-706.	1.0	35
118	Physiological role of the interaction between CARMIL1 and capping protein. <i>Molecular Biology of the Cell</i> , 2013, 24, 3047-3055.	0.9	33
119	Mutational analysis of capping protein function in <i>Saccharomyces cerevisiae</i> .. <i>Molecular Biology of the Cell</i> , 1996, 7, 1-15.	0.9	32
120	Arp2/3 Complex. <i>Cell</i> , 2001, 107, 703-705.	13.5	32
121	CPI motif interaction is necessary for capping protein function in cells. <i>Nature Communications</i> , 2015, 6, 8415.	5.8	32
122	Mst1 Kinase Regulates the Actin-Bundling Protein L-Plastin To Promote T Cell Migration. <i>Journal of Immunology</i> , 2016, 197, 1683-1691.	0.4	32
123	Effect of Fgd1 on Cortactin in Arp2/3 Complex-Mediated Actin Assembly. <i>Biochemistry</i> , 2004, 43, 2422-2427.	1.2	31
124	The alpha and beta subunits of nematode actin capping protein function in yeast.. <i>Molecular Biology of the Cell</i> , 1993, 4, 907-917.	0.9	30
125	Cdc42-induced actin filaments are protected from capping protein. <i>Current Biology</i> , 1999, 9, 979-S2.	1.8	28
126	Dynein-dependent Movements of the Mitotic Spindle in <i>Saccharomyces cerevisiae</i> Do Not Require Filamentous Actin. <i>Molecular Biology of the Cell</i> , 2000, 11, 863-872.	0.9	28

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127	Mechanism for CARMIL Protein Inhibition of Heterodimeric Actin-capping Protein. <i>Journal of Biological Chemistry</i> , 2012, 287, 15251-15262.	1.6	28
128	Cell Migration and Invadopodia Formation Require a Membrane-binding Domain of CARMIL2. <i>Journal of Biological Chemistry</i> , 2016, 291, 1076-1091.	1.6	28
129	Actin-Regulator Feedback Interactions during Endocytosis. <i>Biophysical Journal</i> , 2016, 110, 1430-1443.	0.2	27
130	Genome-wide Analysis Reveals Novel and Discrete Functions for Tubulin Carboxy-Terminal Tails. <i>Current Biology</i> , 2014, 24, 1295-1303.	1.8	26
131	<i>Listeria monocytogenes</i> ActA protein interacts with phosphatidylinositol 4,5-bisphosphate in vitro. <i>Cytoskeleton</i> , 2000, 45, 58-66.	4.4	25
132	L-Plastin promotes podosome longevity and supports macrophage motility. <i>Molecular Immunology</i> , 2016, 78, 79-88.	1.0	25
133	Targeting primary and metastatic uveal melanoma with a G α protein inhibitor. <i>Journal of Biological Chemistry</i> , 2021, 296, 100403.	1.6	25
134	The Spindle Position Checkpoint Requires Positional Feedback from Cytoplasmic Microtubules. <i>Current Biology</i> , 2009, 19, 2026-2030.	1.8	23
135	Uveal Melanoma Cells Utilize a Novel Route for Transendothelial Migration. <i>PLoS ONE</i> , 2014, 9, e115472.	1.1	23
136	Variant cDNAs encoding proteins similar to the γ subunit of chicken CapZ. <i>Cytoskeleton</i> , 1991, 18, 204-214.	4.4	22
137	Septins regulate junctional integrity of endothelial monolayers. <i>Molecular Biology of the Cell</i> , 2018, 29, 1693-1703.	0.9	22
138	Severing of F-actin by yeast cofilin is pH-independent. <i>Cytoskeleton</i> , 2006, 63, 533-542.	4.4	20
139	A Novel Pathway that Coordinates Mitotic Exit with Spindle Position. <i>Molecular Biology of the Cell</i> , 2007, 18, 3440-3450.	0.9	20
140	Allosteric Coupling of CARMIL and V-1 Binding to Capping Protein Revealed by Hydrogen-Deuterium Exchange. <i>Cell Reports</i> , 2018, 23, 2795-2804.	2.9	19
141	Mapping of the Mouse Actin Capping Protein β Subunit Genes and Pseudogenes. <i>Genomics</i> , 1997, 39, 264-270.	1.3	18
142	Bare bones of the cytoskeleton. <i>Nature</i> , 1999, 401, 542-543.	13.7	18
143	The Mating-specific G α Interacts with a Kinesin-14 and Regulates Pheromone-induced Nuclear Migration in Budding Yeast. <i>Molecular Biology of the Cell</i> , 2009, 20, 2820-2830.	0.9	18
144	Role of Cortactin Homolog HS1 in Transendothelial Migration of Natural Killer Cells. <i>PLoS ONE</i> , 2015, 10, e0118153.	1.1	18

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145	Cell Contact and Direct Transfer Between Co-Cultured Macrophages and Fibroblasts. <i>Journal of Leukocyte Biology</i> , 1988, 43, 539-546.	1.5	14
146	Capping Protein Binding to S100B. <i>Journal of Biological Chemistry</i> , 2004, 279, 14382-14390.	1.6	14
147	Molecular Analysis of Arp2/3 Complex Activation in Cells. <i>Biophysical Journal</i> , 2012, 103, 2145-2156.	0.2	14
148	Coordination of the filament stabilizing versus destabilizing activities of cofilin through its secondary binding site on actin. <i>Cytoskeleton</i> , 2014, 71, 361-379.	1.0	14
149	Actin and myosin function in <i>Acanthamoeba</i> . <i>Philosophical Transactions of the Royal Society of London Series B, Biological Sciences</i> , 1982, 299, 237-245.	2.4	11
150	[13] Purification of cap Z from chicken skeletal muscle. <i>Methods in Enzymology</i> , 1991, 196, 140-154.	0.4	11
151	The vesicular transport protein Cgp1p/Vps54p/Tcs3p/Luv1p is required for the integrity of the actin cytoskeleton. <i>Molecular Genetics and Genomics</i> , 2002, 268, 190-205.	1.0	10
152	Transposase mapping identifies the genomic targets of BAP1 in uveal melanoma. <i>BMC Medical Genomics</i> , 2018, 11, 97.	0.7	10
153	Comparative Analysis of CPI-Motif Regulation of Biochemical Functions of Actin Capping Protein. <i>Biochemistry</i> , 2020, 59, 1202-1215.	1.2	10
154	Checkpoint control of mitotic exit—do budding yeast mind the GAP?. <i>Journal of Cell Biology</i> , 2006, 172, 331-333.	2.3	9
155	Junctional Localization of Septin 2 Is Required for Organization of Junctional Proteins in Static Endothelial Monolayers. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 346-359.	1.1	9
156	Uveal melanoma cells use amoeboid and mesenchymal mechanisms of cell motility crossing the endothelium. <i>Molecular Biology of the Cell</i> , 2021, 32, 413-421.	0.9	9
157	Stable Preanaphase Spindle Positioning Requires Bud6p and an Apparent Interaction between the Spindle Pole Bodies and the Neck. <i>Eukaryotic Cell</i> , 2007, 6, 797-807.	3.4	8
158	Role of N-WASP in Endothelial Monolayer Formation and Integrity. <i>Journal of Biological Chemistry</i> , 2015, 290, 18796-18805.	1.6	7
159	Mapping of the Mouse Actin Capping Protein Beta Subunit Gene. <i>BMC Genomics</i> , 2000, 1, 1.	1.2	6
160	Go ahead, break my symmetry!. <i>Nature Cell Biology</i> , 2003, 5, 1048-1049.	4.6	5
161	Differential expression of CARMIL family genes during zebrafish development. <i>Cytoskeleton</i> , 2015, 72, 534-541.	1.0	4
162	A Novel Role for the GTPase-Activating Protein Bud2 in the Spindle Position Checkpoint. <i>PLoS ONE</i> , 2012, 7, e36127.	1.1	3

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163	Technical Advance: New in vitro method for assaying the migration of primary B cells using an endothelial monolayer as substrate. <i>Journal of Leukocyte Biology</i> , 2017, 102, 941-948.	1.5	2
164	CARMIL3 is important for cell migration and morphogenesis during early development in zebrafish. <i>Developmental Biology</i> , 2022, 481, 148-159.	0.9	2
165	Laying bare the bones of the cell. <i>Trends in Cell Biology</i> , 2001, 11, 457.	3.6	0
166	Distinct Roles for the Actin Nucleators Arp2/3 and hDia1 during NK-Mediated Cytotoxicity. <i>Current Biology</i> , 2010, 20, 1685.	1.8	0
167	Contractile protein biochemistry in the Pollard Lab in Baltimore. <i>Biophysical Reviews</i> , 2018, 10, 1483-1485.	1.5	0