John A Cooper

List of Publications by Year
in descending order

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	CARMIL3 is important for cell migration and morphogenesis during early development in zebrafish. Developmental Biology, 2022, 481, 148-159.	0.9	2
2	Junctional Localization of Septin 2 Is Required for Organization of Junctional Proteins in Static Endothelial Monolayers. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 346-359.	1.1	9
3	Targeting primary and metastatic uveal melanoma with a GÂprotein inhibitor. Journal of Biological Chemistry, 2021, 296, 100403.	1.6	25
4	Uveal melanoma cells use ameboid and mesenchymal mechanisms of cell motility crossing the endothelium. Molecular Biology of the Cell, 2021, 32, 413-421.	0.9	9
5	Comparative Analysis of CPI-Motif Regulation of Biochemical Functions of Actin Capping Protein. Biochemistry, 2020, 59, 1202-1215.	1.2	10
6	Transposase mapping identifies the genomic targets of BAP1 in uveal melanoma. BMC Medical Genomics, 2018, 11, 97.	0.7	10
7	Contractile protein biochemistry in the Pollard Lab in Baltimore. Biophysical Reviews, 2018, 10, 1483-1485.	1.5	0
8	Targeting nucleotide exchange to inhibit constitutively active G protein Î± subunits in cancer cells. Science Signaling, 2018, 11, .	1.6	71
9	Allosteric Coupling of CARMIL and V-1 Binding to Capping Protein Revealed by Hydrogen-Deuterium Exchange. Cell Reports, 2018, 23, 2795-2804.	2.9	19
10	Septins regulate junctional integrity of endothelial monolayers. Molecular Biology of the Cell, 2018, 29, 1693-1703.	0.9	22
11	A novel mode of capping protein-regulation by twinfilin. ELife, 2018, 7, .	2.8	38
12	Trojan Horse Transit Contributes to Blood-Brain Barrier Crossing of a Eukaryotic Pathogen. MBio, 2017, 8, .	1.8	176
13	Technical Advance: New in vitro method for assaying the migration of primary B cells using an endothelial monolayer as substrate. Journal of Leukocyte Biology, 2017, 102, 941-948.	1.5	2
14	CARMIL family proteins as multidomain regulators of actin-based motility. Molecular Biology of the Cell, 2017, 28, 1713-1723.	0.9	40
15	Actin-Regulator Feedback Interactions during Endocytosis. Biophysical Journal, 2016, 110, 1430-1443.	0.2	27
16	L-Plastin promotes podosome longevity and supports macrophage motility. Molecular Immunology, 2016, 78, 79-88.	1.0	25
17	Mst1 Kinase Regulates the Actin-Bundling Protein L-Plastin To Promote T Cell Migration. Journal of Immunology, 2016, 197, 1683-1691.	0.4	32
18	Cell Migration and Invadopodia Formation Require a Membrane-binding Domain of CARMIL2. Journal of Biological Chemistry, 2016, 291, 1076-1091.	1.6	28

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19	CPI motif interaction is necessary for capping protein function in cells. Nature Communications, 2015, 6, 8415.	5.8	32
20	Differential expression of CARMILâ€family genes during zebrafish development. Cytoskeleton, 2015, 72, 534-541.	1.0	4
21	Role of N-WASP in Endothelial Monolayer Formation and Integrity. Journal of Biological Chemistry, 2015, 290, 18796-18805.	1.6	7
22	CARMIL2 is a novel molecular connection between vimentin and actin essential for cell migration and invadopodia formation. Molecular Biology of the Cell, 2015, 26, 4577-4588.	0.9	48
23	Role of Cortactin Homolog HS1 in Transendothelial Migration of Natural Killer Cells. PLoS ONE, 2015, 10, e0118153.	1.1	18
24	Endothelial cells use dynamic actin to facilitate lymphocyte transendothelial migration and maintain the monolayer barrier. Molecular Biology of the Cell, 2014, 25, 4115-4129.	0.9	42
25	Endothelial monolayers and transendothelial migration depend on mechanical properties of the substrate. Cytoskeleton, 2014, 71, 695-706.	1.0	35
26	Coordination of the filament stabilizing versus destabilizing activities of cofilin through its secondary binding site on actin. Cytoskeleton, 2014, 71, 361-379.	1.0	14
27	Genome-wide Analysis Reveals Novel and Discrete Functions for Tubulin Carboxy-Terminal Tails. Current Biology, 2014, 24, 1295-1303.	1.8	26
28	Capping protein regulators fine-tune actin assembly dynamics. Nature Reviews Molecular Cell Biology, 2014, 15, 677-689.	16.1	255
29	Uveal Melanoma Cells Utilize a Novel Route for Transendothelial Migration. PLoS ONE, 2014, 9, e115472.	1.1	23
30	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. Journal of Neuroscience Methods, 2013, 212, 173-179.	1.3	96
31	Physiological role of the interaction between CARMIL1 and capping protein. Molecular Biology of the Cell, 2013, 24, 3047-3055.	0.9	33
32	The unusual dynamics of parasite actin result from isodesmic polymerization. Nature Communications, 2013, 4, 2285.	5.8	62
33	CD2AP Links Cortactin and Capping Protein at the Cell Periphery To Facilitate Formation of Lamellipodia. Molecular and Cellular Biology, 2013, 33, 38-47.	1.1	57
34	Dynein and Dynactin Leverage Their Bivalent Character to Form a High-Affinity Interaction. PLoS ONE, 2013, 8, e59453.	1.1	38
35	Mechanism for CARMIL Protein Inhibition of Heterodimeric Actin-capping Protein. Journal of Biological Chemistry, 2012, 287, 15251-15262.	1.6	28
36	Molecular Analysis of Arp2/3 Complex Activation in Cells. Biophysical Journal, 2012, 103, 2145-2156.	0.2	14

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37	Roles for Actin Assembly in Endocytosis. Annual Review of Biochemistry, 2012, 81, 661-686.	5.0	346
38	A Novel Role for the GTPase-Activating Protein Bud2 in the Spindle Position Checkpoint. PLoS ONE, 2012, 7, e36127.	1.1	3
39	Functional interaction between dynein light chain and intermediate chain is required for mitotic spindle positioning. Molecular Biology of the Cell, 2011, 22, 2690-2701.	0.9	36
40	Distinct Roles for the Actin Nucleators Arp2/3 and hDia1 during NK-Mediated Cytotoxicity. Current Biology, 2010, 20, 1685.	1.8	0
41	Actin dynamics and endocytosis in yeast and mammals. Current Opinion in Biotechnology, 2010, 21, 604-610.	3.3	83
42	Structural characterization of a capping protein interaction motif defines a family of actin filament regulators. Nature Structural and Molecular Biology, 2010, 17, 497-503.	3.6	121
43	The spindle position checkpoint is coordinated by the Elm1 kinase. Journal of Cell Biology, 2010, 191, 493-503.	2.3	35
44	Overlapping and distinct functions for cofilin, coronin and Aip1 in actin dynamics in vivo. Journal of Cell Science, 2010, 123, 1329-1342.	1.2	71
45	The Interaction of Capping Protein with the Barbed End of the Actin Filament. Journal of Molecular Biology, 2010, 404, 794-802.	2.0	58
46	Coordinating mitosis with cell polarity: Molecular motors at the cell cortex. Seminars in Cell and Developmental Biology, 2010, 21, 283-289.	2.3	70
47	Neurodegeneration mutations in dynactin impair dynein-dependent nuclear migration. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5147-5152.	3.3	74
48	The Mating-specific GÎ± Interacts with a Kinesin-14 and Regulates Pheromone-induced Nuclear Migration in Budding Yeast. Molecular Biology of the Cell, 2009, 20, 2820-2830.	0.9	18
49	Distinct Roles for CARMIL Isoforms in Cell Migration. Molecular Biology of the Cell, 2009, 20, 5290-5305.	0.9	70
50	The Spindle Position Checkpoint Requires Positional Feedback from Cytoplasmic Microtubules. Current Biology, 2009, 19, 2026-2030.	1.8	23
51	Distinct Roles for the Actin Nucleators Arp2/3 and hDia1 during NK-Mediated Cytotoxicity. Current Biology, 2009, 19, 1886-1896.	1.8	49
52	Actin and endocytosis: mechanisms and phylogeny. Current Opinion in Cell Biology, 2009, 21, 20-27.	2.6	135
53	Function of dynein in budding yeast: Mitotic spindle positioning in a polarized cell. Cytoskeleton, 2009, 66, 546-555.	4.4	82
54	Actin, a Central Player in Cell Shape and Movement. Science, 2009, 326, 1208-1212.	6.0	1,673

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55	Dynactin Function in Mitotic Spindle Positioning. Traffic, 2008, 9, 510-527.	1.3	74
56	Differently phosphorylated forms of the cortactin homolog HS1 mediate distinct functions in natural killer cells. Nature Immunology, 2008, 9, 887-897.	7.0	52
57	New Insights into Mechanism and Regulation of Actin Capping Protein. International Review of Cell and Molecular Biology, 2008, 267, 183-206.	1.6	195
58	Distinct Roles for Arp2/3 Regulators in Actin Assembly and Endocytosis. PLoS Biology, 2008, 6, e1.	2.6	134
59	Nebulin Interacts with CapZ and Regulates Thin Filament Architecture within the Z-Disc. Molecular Biology of the Cell, 2008, 19, 1837-1847.	0.9	81
60	Structure/Function Analysis of the Interaction of Phosphatidylinositol 4,5-Bisphosphate with Actin-capping Protein. Journal of Biological Chemistry, 2007, 282, 5871-5879.	1.6	73
61	A Novel Pathway that Coordinates Mitotic Exit with Spindle Position. Molecular Biology of the Cell, 2007, 18, 3440-3450.	0.9	20
62	Stable Preanaphase Spindle Positioning Requires Bud6p and an Apparent Interaction between the Spindle Pole Bodies and the Neck. Eukaryotic Cell, 2007, 6, 797-807.	3.4	8
63	Src phosphorylation of cortactin enhances actin assembly. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11933-11938.	3.3	193
64	Actin Filament Severing by Cofilin. Journal of Molecular Biology, 2007, 365, 1350-1358.	2.0	164
65	Tropomyosin Regulates Elongation by Formin at the Fast-Growing End of the Actin Filament. Biochemistry, 2007, 46, 8146-8155.	1.2	67
66	Severing of F-actin by yeast cofilin is pH-independent. Cytoskeleton, 2006, 63, 533-542.	4.4	20
67	Checkpoint control of mitotic exitâ€"do budding yeast mind the GAP?. Journal of Cell Biology, 2006, 172, 331-333.	2.3	9
68	Cortactin Has an Essential and Specific Role in Osteoclast Actin Assembly. Molecular Biology of the Cell, 2006, 17, 2882-2895.	0.9	125
69	Actin-based Motility during Endocytosis in Budding Yeast. Molecular Biology of the Cell, 2006, 17, 1354-1363.	0.9	59
70	Identification of a Novel Inhibitory Actin-capping Protein Binding Motif in CD2-associated Protein. Journal of Biological Chemistry, 2006, 281, 19196-19203.	1.6	74
71	The Role of CKIP-1 in Cell Morphology Depends on Its Interaction with Actin-capping Protein. Journal of Biological Chemistry, 2006, 281, 36347-36359.	1.6	58
72	Binding of Myotrophin/V-1 to Actin-capping Protein. Journal of Biological Chemistry, 2006, 281, 31021-31030.	1.6	52

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73	NudEL targets dynein to microtubule ends through LIS1. Nature Cell Biology, 2005, 7, 686-690.	4.6	101
74	The offloading model for dynein function. Journal of Cell Biology, 2005, 168, 201-207.	2.3	91
75	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. Molecular and Cellular Biology, 2005, 25, 3519-3534.	1.1	77
76	Mammalian CARMIL Inhibits Actin Filament Capping by Capping Protein. Developmental Cell, 2005, 9, 209-221.	3.1	114
77	Pn-AMP1, a Plant Defense Protein, Induces Actin Depolarization in Yeasts. Plant and Cell Physiology, 2004, 45, 1669-1680.	1.5	54
78	Capping protein binding to actin in yeast. Journal of Cell Biology, 2004, 164, 567-580.	2.3	90
79	Capping Protein Binding to S100B. Journal of Biological Chemistry, 2004, 279, 14382-14390.	1.6	14
80	Yeast actin patches are networks of branched actin filaments. Journal of Cell Biology, 2004, 166, 629-635.	2.3	101
81	Biological role and structural mechanism of twinfilinâ€“capping protein interaction. EMBO Journal, 2004, 23, 3010-3019.	3.5	71
82	Capping protein: new insights into mechanism and regulation. Trends in Biochemical Sciences, 2004, 29, 418-428.	3.7	114
83	Effect of Fgd1 on Cortactin in Arp2/3 Complex-Mediated Actin Assemblyâ€. Biochemistry, 2004, 43, 2422-2427.	1.2	31
84	End versus Side Branching by Arp2/3 Complex. Biophysical Journal, 2004, 86, 1074-1081.	0.2	56
85	Integration of signals to the Arp2/3 complex. Current Opinion in Cell Biology, 2003, 15, 23-30.	2.6	171
86	Cortactin Interacts with WIP in Regulating Arp2/3 Activation and Membrane Protrusion. Current Biology, 2003, 13, 384-393.	1.8	159
87	Septins Have a Dual Role in Controlling Mitotic Exit in Budding Yeast. Current Biology, 2003, 13, 654-658.	1.8	87
88	How Capping Protein Binds the Barbed End of the Actin Filament. Current Biology, 2003, 13, 1531-1537.	1.8	143
89	Go ahead, break my symmetry!. Nature Cell Biology, 2003, 5, 1048-1049.	4.6	5
90	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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91	The Sur7p Family Defines Novel Cortical Domains in Saccharomyces cerevisiae, Affects Sphingolipid Metabolism, and Is Involved in Sporulation. Molecular and Cellular Biology, 2002, 22, 927-934.	1.1	112
92	Actin Capping Protein. Circulation Research, 2002, 90, 1299-1306.	2.0	56
93	Antagonism between Ena/VASP Proteins and Actin Filament Capping Regulates Fibroblast Motility. Cell, 2002, 109, 509-521.	13.5	759
94	Quantitative Analysis of Actin Patch Movement in Yeast. Biophysical Journal, 2002, 82, 2333-2343.	0.2	40
95	Actin Dynamics: Tropomyosin Provides Stability. Current Biology, 2002, 12, R523-R525.	1.8	121
96	Interaction of Cortactin and N-WASp with Arp2/3 Complex. Current Biology, 2002, 12, 1270-1278.	1.8	238
97	Dynamin2 and Cortactin Regulate Actin Assembly and Filament Organization. Current Biology, 2002, 12, 1852-1857.	1.8	181
98	The vesicular transport protein Cgp1p/Vps54p/Tcs3p/Luv1p is required for the integrity of the actin cytoskeleton. Molecular Genetics and Genomics, 2002, 268, 190-205.	1.0	10
99	Arp2/3 Complex. Cell, 2001, 107, 703-705.	13.5	32
100	Cortactin promotes and stabilizes Arp2/3-induced actin filament network formation. Current Biology, 2001, 11, 370-374.	1.8	540
101	Laying bare the bones of the cell. Trends in Cell Biology, 2001, 11, 457.	3.6	0
102	The Surveillance Mechanism of the Spindle Position Checkpoint in Yeast. Journal of Cell Biology, 2001, 153, 159-168.	2.3	88
103	Interactions with PIP2, ADP-actin monomers, and capping protein regulate the activity and localization of yeast twinfilin. Journal of Cell Biology, 2001, 155, 251-260.	2.3	156
104	Listeria monocytogenes ActA protein interacts with phosphatidylinositol 4,5-bisphosphate in vitro. Cytoskeleton, 2000, 45, 58-66.	4.4	25
105	Actin Assembly at Membranes Controlled by ARF6. Traffic, 2000, 1, 896-907.	1.3	126
106	The immunological synapse and the actin cytoskeleton: molecular hardware for T cell signaling. Nature Immunology, 2000, 1, 23-29.	7.0	593
107	Control of actin assembly and disassembly at filament ends. Current Opinion in Cell Biology, 2000, 12, 97-103.	2.6	300
108	TOR signaling regulates microtubule structure and function. Current Biology, 2000, 10, 861-864.	1.8	52

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109	Actin dynamics: Assembly and disassembly of actin networks. Current Biology, 2000, 10, R891-R895.	1.8	107
110	Mapping of the Mouse Actin Capping Protein Beta Subunit Gene. BMC Genomics, 2000, 1, 1.	1.2	6
111	Role of Actin and Myo2p in Polarized Secretion and Growth ofSaccharomyces cerevisiae. Molecular Biology of the Cell, 2000, 11, 1727-1737.	0.9	103
112	Microtubule Interactions with the Cell Cortex Causing Nuclear Movements in Saccharomyces cerevisiae. Journal of Cell Biology, 2000, 149, 863-874.	2.3	310
113	Dynein-dependent Movements of the Mitotic Spindle inSaccharomyces cerevisiaeDo Not Require Filamentous Actin. Molecular Biology of the Cell, 2000, 11, 863-872.	0.9	28
114	The Cortical Protein Num1p Is Essential for Dynein-Dependent Interactions of Microtubules with the Cortex. Journal of Cell Biology, 2000, 151, 1337-1344.	2.3	148
115	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
116	Formin' the Connection between Microtubules and the Cell Cortex. Journal of Cell Biology, 1999, 144, 809-811.	2.3	49
117	Vertebrate Isoforms of Actin Capping Protein Î² Have Distinct Functions in Vivo. Journal of Cell Biology, 1999, 147, 1287-1298.	2.3	70
118	Bare bones of the cytoskeleton. Nature, 1999, 401, 542-543.	13.7	18
119	Cdc42-induced actin filaments are protected from capping protein. Current Biology, 1999, 9, 979-S2.	1.8	28
120	Three-Dimensional Imaging by Deconvolution Microscopy. Methods, 1999, 19, 373-385.	1.9	363
121	A cytokinesis checkpoint requiring the yeast homologue of an APC-binding protein. Nature, 1998, 393, 487-491.	13.7	151
122	The role of Saccharomyces cerevisiae coronin in the actin and microtubule cytoskeletons. Current Biology, 1998, 8, 1281-S7.	1.8	60
123	Rapid and efficient purification of actin from nonmuscle sources. , 1998, 39, 166-171.		36
124	Assembly and Function of the Actin Cytoskeleton of Yeast: Relationships between Cables and Patches. Journal of Cell Biology, 1998, 142, 1501-1517.	2.3	121
125	Visualization and Molecular Analysis of Actin Assembly in Living Cells. Journal of Cell Biology, 1998, 143, 1919-1930.	2.3	161
126	Mapping of the Mouse Actin Capping Protein Î± Subunit Genes and Pseudogenes. Genomics, 1997, 39, 264-270.	1.3	18

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127	Vertebrates have conserved capping protein Î± isoforms with specific expression patterns. , 1997, 38, 120-132.		61
128	Septins may form a ubiquitous family of cytoskeletal filaments.. Journal of Cell Biology, 1996, 134, 1345-1348.	2.3	81
129	Actin organization, bristle morphology, and viability are affected by actin capping protein mutations in Drosophila.. Journal of Cell Biology, 1996, 133, 1293-1305.	2.3	98
130	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
131	Movement of cortical actin patches in yeast.. Journal of Cell Biology, 1996, 132, 861-870.	2.3	209
132	Mutational analysis of capping protein function in Saccharomyces cerevisiae.. Molecular Biology of the Cell, 1996, 7, 1-15.	0.9	32
133	Control of Actin Assembly at Filament Ends. Annual Review of Cell and Developmental Biology, 1995, 11, 497-518.	4.0	191
134	Actin filaments in yeast are unstable in the absence of capping protein or fimbrin.. Journal of Cell Biology, 1995, 131, 1483-1493.	2.3	72
135	Capping protein levels influence actin assembly and cell motility in dictyostelium. Cell, 1995, 81, 591-600.	13.5	158
136	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
137	Actin-related protein nomenclature and classification.. Journal of Cell Biology, 1994, 127, 1777-1778.	2.3	55
138	A yeast actin-related protein homologous to that in vertebrate dynactin complex is important for spindle orientation and nuclear migration. Cell, 1994, 78, 669-679.	13.5	226
139	Localization of CapZ during myofibrillogenesis in cultured chicken muscle. Cytoskeleton, 1993, 25, 317-335.	4.4	57
140	Unexpected combinations of null mutations in genes encoding the actin cytoskeleton are lethal in yeast.. Molecular Biology of the Cell, 1993, 4, 459-468.	0.9	57
141	The alpha and beta subunits of nematode actin capping protein function in yeast.. Molecular Biology of the Cell, 1993, 4, 907-917.	0.9	30
142	Localization of capping protein in chicken epithelial cells by immunofluorescence and biochemical fractionation.. Journal of Cell Biology, 1992, 118, 335-346.	2.3	44
143	Effects of null mutations and overexpression of capping protein on morphogenesis, actin distribution and polarized secretion in yeast.. Journal of Cell Biology, 1992, 119, 1151-1162.	2.3	124
144	Identification and characterization of an actin-binding site of CapZ.. Journal of Cell Biology, 1992, 116, 923-931.	2.3	74

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145	Purification, characterization, and immunofluorescence localization of Saccharomyces cerevisiae capping protein. Journal of Cell Biology, 1992, 117, 1067-1076.	2.3	117
146	The Role of Actin Polymerization in Cell Motility. Annual Review of Physiology, 1991, 53, 585-605.	5.6	303
147	Regulation of CapZ, an actin capping protein of chicken muscle, by anionic phospholipids. Biochemistry, 1991, 30, 8753-8758.	1.2	103
148	[13] Purification of cap Z from chicken skeletal muscle. Methods in Enzymology, 1991, 196, 140-154.	0.4	11
149	Variant cDNAs encoding proteins similar to the ? subunit of chicken CapZ. Cytoskeleton, 1991, 18, 204-214.	4.4	22
150	Lack of correlation between changes in polyphosphoinositide levels and actin/gelsolin complexes in A431 cells treated with epidermal growth factor.. Journal of Cell Biology, 1991, 112, 1151-1156.	2.3	58
151	Disruption of the actin cytoskeleton in yeast capping protein mutants. Nature, 1990, 344, 352-354.	13.7	163
152	Effects of CapZ, an actin-capping protein of muscle, on the polymerization of actin. Biochemistry, 1989, 28, 8506-8514.	1.2	161
153	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.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 5800-5804.	3.3	44
154	Localization and mobility of gelsolin in cells.. Journal of Cell Biology, 1988, 106, 1229-1240.	2.3	61
155	Cell Contact and Direct Transfer Between Co-Cultured Macrophages and Fibroblasts. Journal of Leukocyte Biology, 1988, 43, 539-546.	1.5	14
156	Microinjection of gelsolin into living cells.. Journal of Cell Biology, 1987, 104, 491-501.	2.3	137
157	Effects of cytochalasin and phalloidin on actin.. Journal of Cell Biology, 1987, 105, 1473-1478.	2.3	1,932
158	Effect of capping protein on the kinetics of actin polymerization. Biochemistry, 1985, 24, 793-799.	1.2	107
159	Acanthamoeba castellanii capping protein: properties, mechanism of action, immunologic cross-reactivity, and localization.. Journal of Cell Biology, 1984, 99, 217-225.	2.3	96
160	Physical, immunochemical, and functional properties of Acanthamoeba profilin.. Journal of Cell Biology, 1984, 98, 214-221.	2.3	69
161	Quantitative analysis of the effect of Acanthamoeba profilin on actin filament nucleation and elongation. Biochemistry, 1984, 23, 6631-6641.	1.2	307
162	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

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163	Kinetic evidence for a monomer activation step in actin polymerization. Biochemistry, 1983, 22, 2193-2202.	1.2	200
164	[29] Preparation of smooth muscle Î±-actinin. Methods in Enzymology, 1982, 85 Pt B, 316-321.	0.4	49
165	[20] Methods to characterize actin filament networks. Methods in Enzymology, 1982, 85 Pt B, 211-233.	0.4	89
166	Actin and myosin function in Acanthamoeba. Philosophical Transactions of the Royal Society of London Series B, Biological Sciences, 1982, 299, 237-245.	2.4	11
167	[19] Methods to measure actin polymerization. Methods in Enzymology, 1982, 85 Pt B, 182-210.	0.4	154