

John A Cooper

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163
papers

17,433
citations

69
h-index

130
g-index

177
ext. papers

18,842
ext. citations

9
avg, IF

6.76
L-index

#	Paper	IF	Citations
163	Effects of cytochalasin and phalloidin on actin. <i>Journal of Cell Biology</i> , 1987 , 105, 1473-8	7.3	1709
162	Actin, a central player in cell shape and movement. <i>Science</i> , 2009 , 326, 1208-12	33.3	1340
161	Antagonism between Ena/VASP proteins and actin filament capping regulates fibroblast motility. <i>Cell</i> , 2002 , 109, 509-21	56.2	674
160	The immunological synapse and the actin cytoskeleton: molecular hardware for T cell signaling. <i>Nature Immunology</i> , 2000 , 1, 23-9	19.1	545
159	Cortactin promotes and stabilizes Arp2/3-induced actin filament network formation. <i>Current Biology</i> , 2001 , 11, 370-4	6.3	475
158	Pyrene actin: documentation of the validity of a sensitive assay for actin polymerization. <i>Journal of Muscle Research and Cell Motility</i> , 1983 , 4, 253-62	3.5	403
157	Dynamics of capping protein and actin assembly in vitro: uncapping barbed ends by polyphosphoinositides. <i>Journal of Cell Biology</i> , 1996 , 135, 169-79	7.3	347
156	Cortactin localization to sites of actin assembly in lamellipodia requires interactions with F-actin and the Arp2/3 complex. <i>Journal of Cell Biology</i> , 2000 , 151, 29-40	7.3	340
155	Three-dimensional imaging by deconvolution microscopy. <i>Methods</i> , 1999 , 19, 373-85	4.6	299
154	Roles for actin assembly in endocytosis. <i>Annual Review of Biochemistry</i> , 2012 , 81, 661-86	29.1	285
153	Control of actin assembly and disassembly at filament ends. <i>Current Opinion in Cell Biology</i> , 2000 , 12, 97-103	9	285
152	Quantitative analysis of the effect of Acanthamoeba profilin on actin filament nucleation and elongation. <i>Biochemistry</i> , 1984 , 23, 6631-41	3.2	283
151	The role of actin polymerization in cell motility. <i>Annual Review of Physiology</i> , 1991 , 53, 585-605	23.1	279
150	Microtubule interactions with the cell cortex causing nuclear movements in <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Biology</i> , 2000 , 149, 863-74	7.3	274
149	Ultrastructural analysis of the dynactin complex: an actin-related protein is a component of a filament that resembles F-actin. <i>Journal of Cell Biology</i> , 1994 , 126, 403-12	7.3	248
148	Interaction of cortactin and N-WASp with Arp2/3 complex. <i>Current Biology</i> , 2002 , 12, 1270-8	6.3	217
147	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, 669-79	56.2	205

146	The role of the lissencephaly protein Pac1 during nuclear migration in budding yeast. <i>Journal of Cell Biology</i> , 2003 , 160, 355-64	7.3	199
145	Movement of cortical actin patches in yeast. <i>Journal of Cell Biology</i> , 1996 , 132, 861-70	7.3	198
144	Kinetic evidence for a monomer activation step in actin polymerization. <i>Biochemistry</i> , 1983 , 22, 2193-2023.2	7.3	177
143	New insights into mechanism and regulation of actin capping protein. <i>International Review of Cell and Molecular Biology</i> , 2008 , 267, 183-206	6	175
142	Src phosphorylation of cortactin enhances actin assembly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 11933-8	11.5	171
141	Control of actin assembly at filament ends. <i>Annual Review of Cell and Developmental Biology</i> , 1995 , 11, 497-518	12.6	170
140	Dynamin2 and cortactin regulate actin assembly and filament organization. <i>Current Biology</i> , 2002 , 12, 1852-7	6.3	166
139	Capping protein regulators fine-tune actin assembly dynamics. <i>Nature Reviews Molecular Cell Biology</i> , 2014 , 15, 677-89	48.7	161
138	Integration of signals to the Arp2/3 complex. <i>Current Opinion in Cell Biology</i> , 2003 , 15, 23-30	9	158
137	Visualization and molecular analysis of actin assembly in living cells. <i>Journal of Cell Biology</i> , 1998 , 143, 1919-30	7.3	157
136	Disruption of the actin cytoskeleton in yeast capping protein mutants. <i>Nature</i> , 1990 , 344, 352-4	50.4	154
135	Effects of CapZ, an actin capping protein of muscle, on the polymerization of actin. <i>Biochemistry</i> , 1989 , 28, 8506-14	3.2	152
134	Capping protein levels influence actin assembly and cell motility in dictyostelium. <i>Cell</i> , 1995 , 81, 591-60056.2	6.2	151
133	Cortactin interacts with WIP in regulating Arp2/3 activation and membrane protrusion. <i>Current Biology</i> , 2003 , 13, 384-93	6.3	150
132	Actin filament severing by cofilin. <i>Journal of Molecular Biology</i> , 2007 , 365, 1350-8	6.5	141
131	Methods to measure actin polymerization. <i>Methods in Enzymology</i> , 1982 , 85 Pt B, 182-210	1.7	141
130	A cytokinesis checkpoint requiring the yeast homologue of an APC-binding protein. <i>Nature</i> , 1998 , 393, 487-91	50.4	136
129	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, 251-60	7.3	132

128	Microinjection of gelsolin into living cells. <i>Journal of Cell Biology</i> , 1987 , 104, 491-501	7.3	129
127	The cortical protein Num1p is essential for dynein-dependent interactions of microtubules with the cortex. <i>Journal of Cell Biology</i> , 2000 , 151, 1337-44	7.3	128
126	Actin and endocytosis: mechanisms and phylogeny. <i>Current Opinion in Cell Biology</i> , 2009 , 21, 20-7	9	123
125	Distinct roles for Arp2/3 regulators in actin assembly and endocytosis. <i>PLoS Biology</i> , 2008 , 6, e1	9.7	119
124	Actin dynamics: tropomyosin provides stability. <i>Current Biology</i> , 2002 , 12, R523-5	6.3	118
123	How capping protein binds the barbed end of the actin filament. <i>Current Biology</i> , 2003 , 13, 1531-7	6.3	117
122	Actin assembly at membranes controlled by ARF6. <i>Traffic</i> , 2000 , 1, 892-903	5.7	116
121	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, 1151-62	7.3	115
120	Cortactin has an essential and specific role in osteoclast actin assembly. <i>Molecular Biology of the Cell</i> , 2006 , 17, 2882-95	3.5	114
119	Assembly and function of the actin cytoskeleton of yeast: relationships between cables and patches. <i>Journal of Cell Biology</i> , 1998 , 142, 1501-17	7.3	111
118	Capping protein: new insights into mechanism and regulation. <i>Trends in Biochemical Sciences</i> , 2004 , 29, 418-28	10.3	106
117	Purification, characterization, and immunofluorescence localization of <i>Saccharomyces cerevisiae</i> capping protein. <i>Journal of Cell Biology</i> , 1992 , 117, 1067-76	7.3	104
116	Trojan Horse Transit Contributes to Blood-Brain Barrier Crossing of a Eukaryotic Pathogen. <i>MBio</i> , 2017 , 8,	7.8	103
115	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, 927-34	4.8	99
114	Regulation of CapZ, an actin capping protein of chicken muscle, by anionic phospholipids. <i>Biochemistry</i> , 1991 , 30, 8753-8	3.2	98
113	Actin dynamics: assembly and disassembly of actin networks. <i>Current Biology</i> , 2000 , 10, R891-5	6.3	97
112	Role of actin and Myo2p in polarized secretion and growth of <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2000 , 11, 1727-37	3.5	96
111	Effect of capping protein on the kinetics of actin polymerization. <i>Biochemistry</i> , 1985 , 24, 793-9	3.2	96

110	Mammalian CARMIL inhibits actin filament capping by capping protein. <i>Developmental Cell</i> , 2005 , 9, 209-212	21.2	94
109	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, 1293-305	7.3	91
108	NudEL targets dynein to microtubule ends through LIS1. <i>Nature Cell Biology</i> , 2005 , 7, 686-90	23.4	90
107	Yeast actin patches are networks of branched actin filaments. <i>Journal of Cell Biology</i> , 2004 , 166, 629-35	7.3	89
106	<i>Acanthamoeba castellanii</i> capping protein: properties, mechanism of action, immunologic cross-reactivity, and localization. <i>Journal of Cell Biology</i> , 1984 , 99, 217-25	7.3	89
105	Methods to characterize actin filament networks. <i>Methods in Enzymology</i> , 1982 , 85 Pt B, 211-33	1.7	86
104	The offloading model for dynein function: differential function of motor subunits. <i>Journal of Cell Biology</i> , 2005 , 168, 201-7	7.3	83
103	Capping protein binding to actin in yeast: biochemical mechanism and physiological relevance. <i>Journal of Cell Biology</i> , 2004 , 164, 567-80	7.3	80
102	Septins have a dual role in controlling mitotic exit in budding yeast. <i>Current Biology</i> , 2003 , 13, 654-8	6.3	80
101	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	17.6	77
100	The surveillance mechanism of the spindle position checkpoint in yeast. <i>Journal of Cell Biology</i> , 2001 , 153, 159-68	7.3	77
99	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, 173-9	3	76
98	Nebulin interacts with CapZ and regulates thin filament architecture within the Z-disc. <i>Molecular Biology of the Cell</i> , 2008 , 19, 1837-47	3.5	76
97	Septins may form a ubiquitous family of cytoskeletal filaments. <i>Journal of Cell Biology</i> , 1996 , 134, 1345-8	7.3	75
96	Actin dynamics and endocytosis in yeast and mammals. <i>Current Opinion in Biotechnology</i> , 2010 , 21, 604-10	11.4	74
95	Identification and characterization of an actin-binding site of CapZ. <i>Journal of Cell Biology</i> , 1992 , 116, 923-31	7.3	72
94	Actin filaments in yeast are unstable in the absence of capping protein or fimbrin. <i>Journal of Cell Biology</i> , 1995 , 131, 1483-93	7.3	69
93	Structure/function analysis of the interaction of phosphatidylinositol 4,5-bisphosphate with actin-capping protein: implications for how capping protein binds the actin filament. <i>Journal of Biological Chemistry</i> , 2007 , 282, 5871-9	5.4	68

92	Function of dynein in budding yeast: mitotic spindle positioning in a polarized cell. <i>Cytoskeleton</i> , 2009 , 66, 546-55		66
91	Vertebrate isoforms of actin capping protein beta have distinct functions In vivo. <i>Journal of Cell Biology</i> , 1999 , 147, 1287-98	7.3	66
90	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, 5147-52	11.5	64
89	Tropomyosin regulates elongation by formin at the fast-growing end of the actin filament. <i>Biochemistry</i> , 2007 , 46, 8146-55	3.2	64
88	Coordinating mitosis with cell polarity: Molecular motors at the cell cortex. <i>Seminars in Cell and Developmental Biology</i> , 2010 , 21, 283-9	7.5	63
87	Identification of a novel inhibitory actin-capping protein binding motif in CD2-associated protein. <i>Journal of Biological Chemistry</i> , 2006 , 281, 19196-203	5.4	62
86	Physical, immunochemical, and functional properties of Acanthamoeba profilin. <i>Journal of Cell Biology</i> , 1984 , 98, 214-21	7.3	62
85	Overlapping and distinct functions for cofilin, coronin and Aip1 in actin dynamics in vivo. <i>Journal of Cell Science</i> , 2010 , 123, 1329-42	5.3	61
84	Dynactin function in mitotic spindle positioning. <i>Traffic</i> , 2008 , 9, 510-27	5.7	61
83	Biological role and structural mechanism of twinfilin-capping protein interaction. <i>EMBO Journal</i> , 2004 , 23, 3010-9	13	60
82	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, 3519-34	4.8	58
81	Distinct roles for CARMIL isoforms in cell migration. <i>Molecular Biology of the Cell</i> , 2009 , 20, 5290-305	3.5	57
80	The role of <i>Saccharomyces cerevisiae</i> coronin in the actin and microtubule cytoskeletons. <i>Current Biology</i> , 1998 , 8, 1281-4	6.3	57
79	Actin-based motility during endocytosis in budding yeast. <i>Molecular Biology of the Cell</i> , 2006 , 17, 1354-63.5		56
78	Localization and mobility of gelsolin in cells. <i>Journal of Cell Biology</i> , 1988 , 106, 1229-40	7.3	56
77	Vertebrates have conserved capping protein alpha isoforms with specific expression patterns. <i>Cytoskeleton</i> , 1997 , 38, 120-32		52
76	End versus side branching by Arp2/3 complex. <i>Biophysical Journal</i> , 2004 , 86, 1074-81	2.9	52
75	Unexpected combinations of null mutations in genes encoding the actin cytoskeleton are lethal in yeast. <i>Molecular Biology of the Cell</i> , 1993 , 4, 459-68	3.5	52

74	Actin-related protein nomenclature and classification. <i>Journal of Cell Biology</i> , 1994 , 127, 1777-8	7.3	51
73	The unusual dynamics of parasite actin result from isodesmic polymerization. <i>Nature Communications</i> , 2013 , 4, 2285	17.4	50
72	Actin capping protein: an essential element in protein kinase signaling to the myofilaments. <i>Circulation Research</i> , 2002 , 90, 1299-306	15.7	50
71	Differently phosphorylated forms of the cortactin homolog HS1 mediate distinct functions in natural killer cells. <i>Nature Immunology</i> , 2008 , 9, 887-97	19.1	48
70	Pn-AMP1, a plant defense protein, induces actin depolarization in yeasts. <i>Plant and Cell Physiology</i> , 2004 , 45, 1669-80	4.9	48
69	TOR signaling regulates microtubule structure and function. <i>Current Biology</i> , 2000 , 10, 861-4	6.3	47
68	ForminThe connection between microtubules and the cell cortex. <i>Journal of Cell Biology</i> , 1999 , 144, 809-11	7.3	47
67	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, 1151-6	7.3	47
66	Localization of CapZ during myofibrillogenesis in cultured chicken muscle. <i>Cytoskeleton</i> , 1993 , 25, 317-35		47
65	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	4.8	46
64	The role of CKIP-1 in cell morphology depends on its interaction with actin-capping protein. <i>Journal of Biological Chemistry</i> , 2006 , 281, 36347-59	5.4	46
63	Targeting nucleotide exchange to inhibit constitutively active G protein β subunits in cancer cells. <i>Science Signaling</i> , 2018 , 11,	8.8	46
62	The interaction of capping protein with the barbed end of the actin filament. <i>Journal of Molecular Biology</i> , 2010 , 404, 794-802	6.5	44
61	Preparation of smooth muscle alpha-actinin. <i>Methods in Enzymology</i> , 1982 , 85 Pt B, 316-21	1.7	44
60	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, 5800-4	11.5	43
59	Distinct roles for the actin nucleators Arp2/3 and hDia1 during NK-mediated cytotoxicity. <i>Current Biology</i> , 2009 , 19, 1886-96	6.3	41
58	Localization of capping protein in chicken epithelial cells by immunofluorescence and biochemical fractionation. <i>Journal of Cell Biology</i> , 1992 , 118, 335-46	7.3	41
57	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, 4577-88	3.5	39

56	Binding of myotrophin/V-1 to actin-capping protein: implications for how capping protein binds to the filament barbed end. <i>Journal of Biological Chemistry</i> , 2006 , 281, 31021-30	5.4	38
55	Quantitative analysis of actin patch movement in yeast. <i>Biophysical Journal</i> , 2002 , 82, 2333-43	2.9	38
54	Endothelial cells use dynamic actin to facilitate lymphocyte transendothelial migration and maintain the monolayer barrier. <i>Molecular Biology of the Cell</i> , 2014 , 25, 4115-29	3.5	35
53	Rapid and efficient purification of actin from nonmuscle sources. <i>Cytoskeleton</i> , 1998 , 39, 166-71		31
52	Dynein and dynactin leverage their bivalent character to form a high-affinity interaction. <i>PLoS ONE</i> , 2013 , 8, e59453	3.7	29
51	Effect of Fgd1 on cortactin in Arp2/3 complex-mediated actin assembly. <i>Biochemistry</i> , 2004 , 43, 2422-7	3.2	29
50	Arp2/3 complex: advances on the inner workings of a molecular machine. <i>Cell</i> , 2001 , 107, 703-5	56.2	29
49	Mutational analysis of capping protein function in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 1996 , 7, 1-15	3.5	29
48	Physiological role of the interaction between CARMIL1 and capping protein. <i>Molecular Biology of the Cell</i> , 2013 , 24, 3047-55	3.5	28
47	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, 863-72	3.5	28
46	The spindle position checkpoint is coordinated by the Elm1 kinase. <i>Journal of Cell Biology</i> , 2010 , 191, 493-503	7.3	27
45	Functional interaction between dynein light chain and intermediate chain is required for mitotic spindle positioning. <i>Molecular Biology of the Cell</i> , 2011 , 22, 2690-701	3.5	27
44	Endothelial monolayers and transendothelial migration depend on mechanical properties of the substrate. <i>Cytoskeleton</i> , 2014 , 71, 695-706	2.4	26
43	Cdc42-induced actin filaments are protected from capping protein. <i>Current Biology</i> , 1999 , 9, 979-82	6.3	26
42	The alpha and beta subunits of nematode actin capping protein function in yeast. <i>Molecular Biology of the Cell</i> , 1993 , 4, 907-17	3.5	26
41	Mst1 Kinase Regulates the Actin-Bundling Protein L-Plastin To Promote T Cell Migration. <i>Journal of Immunology</i> , 2016 , 197, 1683-91	5.3	23
40	Genome-wide analysis reveals novel and discrete functions for tubulin carboxy-terminal tails. <i>Current Biology</i> , 2014 , 24, 1295-1303	6.3	23
39	Mechanism for CARMIL protein inhibition of heterodimeric actin-capping protein. <i>Journal of Biological Chemistry</i> , 2012 , 287, 15251-62	5.4	23

38	Listeria monocytogenes ActA protein interacts with phosphatidylinositol 4,5-bisphosphate in vitro. <i>Cytoskeleton</i> , 2000 , 45, 58-66		23
37	The spindle position checkpoint requires positional feedback from cytoplasmic microtubules. <i>Current Biology</i> , 2009 , 19, 2026-30	6.3	22
36	CPI motif interaction is necessary for capping protein function in cells. <i>Nature Communications</i> , 2015 , 6, 8415	17.4	21
35	Actin-Regulator Feedback Interactions during Endocytosis. <i>Biophysical Journal</i> , 2016 , 110, 1430-43	2.9	21
34	CARMIL family proteins as multidomain regulators of actin-based motility. <i>Molecular Biology of the Cell</i> , 2017 , 28, 1713-1723	3.5	20
33	Variant cDNAs encoding proteins similar to the alpha subunit of chicken CapZ. <i>Cytoskeleton</i> , 1991 , 18, 204-14		20
32	A novel mode of capping protein-regulation by twinfilin. <i>ELife</i> , 2018 , 7,	8.9	20
31	Cell Migration and Invadopodia Formation Require a Membrane-binding Domain of CARMIL2. <i>Journal of Biological Chemistry</i> , 2016 , 291, 1076-91	5.4	19
30	A novel pathway that coordinates mitotic exit with spindle position. <i>Molecular Biology of the Cell</i> , 2007 , 18, 3440-50	3.5	19
29	Uveal melanoma cells utilize a novel route for transendothelial migration. <i>PLoS ONE</i> , 2014 , 9, e115472	3.7	17
28	L-Plastin promotes podosome longevity and supports macrophage motility. <i>Molecular Immunology</i> , 2016 , 78, 79-88	4.3	17
27	The mating-specific Galpha interacts with a kinesin-14 and regulates pheromone-induced nuclear migration in budding yeast. <i>Molecular Biology of the Cell</i> , 2009 , 20, 2820-30	3.5	16
26	Severing of F-actin by yeast cofilin is pH-independent. <i>Cytoskeleton</i> , 2006 , 63, 533-42		16
25	Role of cortactin homolog HS1 in transendothelial migration of natural killer cells. <i>PLoS ONE</i> , 2015 , 10, e0118153	3.7	16
24	Mapping of the mouse actin capping protein alpha subunit genes and pseudogenes. <i>Genomics</i> , 1997 , 39, 264-70	4.3	15
23	Capping protein binding to S100B: implications for the tentacle model for capping the actin filament barbed end. <i>Journal of Biological Chemistry</i> , 2004 , 279, 14382-90	5.4	14
22	Septins regulate junctional integrity of endothelial monolayers. <i>Molecular Biology of the Cell</i> , 2018 , 29, 1693-1703	3.5	13
21	Cell contact and direct transfer between co-cultured macrophages and fibroblasts. <i>Journal of Leukocyte Biology</i> , 1988 , 43, 539-46	6.5	13

20	Coordination of the filament stabilizing versus destabilizing activities of cofilin through its secondary binding site on actin. <i>Cytoskeleton</i> , 2014 , 71, 361-79	2.4	11
19	Molecular analysis of Arp2/3 complex activation in cells. <i>Biophysical Journal</i> , 2012 , 103, 2145-56	2.9	11
18	Purification of cap Z from chicken skeletal muscle. <i>Methods in Enzymology</i> , 1991 , 196, 140-54	1.7	11
17	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	3.1	9
16	Allosteric Coupling of CARMIL and V-1 Binding to Capping Protein Revealed by Hydrogen-Deuterium Exchange. <i>Cell Reports</i> , 2018 , 23, 2795-2804	10.6	9
15	Checkpoint control of mitotic exit--do budding yeast mind the GAP?. <i>Journal of Cell Biology</i> , 2006 , 172, 331-3	7.3	8
14	Actin and myosin function in acanthamoeba. <i>Philosophical Transactions of the Royal Society of London Series B, Biological Sciences</i> , 1982 , 299, 237-45		8
13	Targeting primary and metastatic uveal melanoma with a G α protein inhibitor. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100403	5.4	8
12	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		7
11	Mapping of the mouse actin capping protein beta subunit gene. <i>BMC Genomics</i> , 2000 , 1, 1	4.5	6
10	Transposase mapping identifies the genomic targets of BAP1 in uveal melanoma. <i>BMC Medical Genomics</i> , 2018 , 11, 97	3.7	6
9	Role of N-WASP in Endothelial Monolayer Formation and Integrity. <i>Journal of Biological Chemistry</i> , 2015 , 290, 18796-805	5.4	5
8	Uveal melanoma cells use ameboid and mesenchymal mechanisms of cell motility crossing the endothelium. <i>Molecular Biology of the Cell</i> , 2021 , 32, 413-421	3.5	4
7	Comparative Analysis of CPI-Motif Regulation of Biochemical Functions of Actin Capping Protein. <i>Biochemistry</i> , 2020 , 59, 1202-1215	3.2	3
6	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	6.5	2
5	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	9.4	2
4	Differential expression of CARMIL-family genes during zebrafish development. <i>Cytoskeleton</i> , 2015 , 72, 534-41	2.4	2
3	A novel role for the GTPase-activating protein Bud2 in the spindle position checkpoint. <i>PLoS ONE</i> , 2012 , 7, e36127	3.7	1

- 2 CARMIL3 is important for cell migration and morphogenesis during early development in zebrafish. *Developmental Biology*, **2022**, 481, 148-159 3.1 1
- 1 Contractile protein biochemistry in the Pollard Lab in Baltimore. *Biophysical Reviews*, **2018**, 10, 1483-1485,7