Harold P Erickson

List of Publications by Year
in descending order

165 papers	18,395 citations	11651 70 h-index	12946 131 g-index
248 all docs	248 docs citations	248 times ranked	14817 citing authors

#	Article	IF	Citations
1	Size and Shape of Protein Molecules at the Nanometer Level Determined by Sedimentation, Gel Filtration, and Electron Microscopy. Biological Procedures Online, 2009, 11, 32-51.	2.9	1,194
2	Purification and reconstitution of the calcium release channel from skeletal muscle. Nature, 1988, 331, 315-319.	27.8	840
3	The molecular elasticity of the extracellular matrix protein tenascin. Nature, 1998, 393, 181-185.	27.8	820
4	The arrangement of the immunoglobulin-like domains of ICAM-1 and the binding sites for LFA-1 and rhinovirus. Cell, 1990, 61, 243-254.	28.9	710
5	2.0 Ã… Crystal Structure of a Four-Domain Segment of Human Fibronectin Encompassing the RGD Loop and Synergy Region. Cell, 1996, 84, 155-164.	28.9	623
6	Tenascin: An Extracellular Matrix Protein Prominent in Specialized Embryonic Tissues and Tumors. Annual Review of Cell Biology, 1989, 5, 71-92.	26.1	582
7	FtsZ in Bacterial Cytokinesis: Cytoskeleton and Force Generator All in One. Microbiology and Molecular Biology Reviews, 2010, 74, 504-528.	6.6	533
8	Reconstitution of Contractile FtsZ Rings in Liposomes. Science, 2008, 320, 792-794.	12.6	462
9	Force Measurements of the Î±5Î²1 Integrinâ€"Fibronectin Interaction. Biophysical Journal, 2003, 84, 1252-1262.	0.5	363
10	The Symmetrical Structure of Structural Maintenance of Chromosomes (SMC) and MukB Proteins: Long, Antiparallel Coiled Coils, Folded at a Flexible Hinge. Journal of Cell Biology, 1998, 142, 1595-1604.	5.2	354
11	Condensin and cohesin display different arm conformations with characteristic hinge angles. Journal of Cell Biology, 2002, 156, 419-424.	5.2	343
12	Rapid assembly dynamics of the <i>Escherichia coli</i> FtsZ-ring demonstrated by fluorescence recovery after photobleaching. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 3171-3175.	7.1	339
13	Plasma fibronectin supports neuronal survival and reduces brain injury following transient focal cerebral ischemia but is not essential for skin-wound healing and hemostasis.. Nature Medicine, 2001, 7, 324-330.	30.7	311
14	FtsZ, a prokaryotic homolog of tubulin?. Cell, 1995, 80, 367-370.	28.9	294
15	Assembly Dynamics of FtsZ Rings in <i>Bacillus subtilis</i> and <i>Escherichia coli</i> and Effects of FtsZ-Regulating Proteins. Journal of Bacteriology, 2004, 186, 5775-5781.	2.2	280
16	Straight and Curved Conformations of FtsZ Are Regulated by GTP Hydrolysis. Journal of Bacteriology, 2000, 182, 164-170.	2.2	273
17	Trinodular structure of fibrinogen. Journal of Molecular Biology, 1979, 134, 241-249.	4.2	268
18	A six-armed oligomer isolated from cell surface fibronectin preparations. Nature, 1984, 311, 267-269.	27.8	263

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19	Irisin â€“ a myth rather than an exercise-inducible myokine. Scientific Reports, 2015, 5, 8889.	3.3	259
20	C-terminal opening mimics 'inside-out' activation of integrin alpha5beta1. Nature Structural Biology, 2001, 8, 412-416.	9.7	239
21	MICROTUBULE SURFACE LATTICE AND SUBUNIT STRUCTURE AND OBSERVATIONS ON REASSEMBLY. Journal of Cell Biology, 1974, 60, 153-167.	5.2	215
22	Polymerization of FtsZ, a Bacterial Homolog of Tubulin. Journal of Biological Chemistry, 2001, 276, 11743-11753.	3.4	192
23	The RGD motif in fibronectin is essential for development but dispensable for fibril assembly. Journal of Cell Biology, 2007, 178, 167-178.	5.2	183
24	Visualization of P-selectin Glycoprotein Ligand-1 as a Highly Extended Molecule and Mapping of Protein Epitopes for Monoclonal Antibodies. Journal of Biological Chemistry, 1996, 271, 6342-6348.	3.4	182
25	Liposome division by a simple bacterial division machinery. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11000-11004.	7.1	180
26	The Structure of Irisin Reveals a Novel Intersubunit Î²-Sheet Fibronectin Type III (FNIII) Dimer. Journal of Biological Chemistry, 2013, 288, 33738-33744.	3.4	169
27	Irisin and FNDC5 in retrospect. Adipocyte, 2013, 2, 289-293.	2.8	169
28	Defining Fibronectin's Cell Adhesion Synergy Site by Site-Directed Mutagenesis. Journal of Cell Biology, 2000, 149, 521-527.	5.2	168
29	Co-operativity in protein-protein association. Journal of Molecular Biology, 1989, 206, 465-474.	4.2	161
30	FtsZ fromEscherichia coli,Azotobacter vinelandii, andThermotoga maritimaâ€"quantitation, GTP hydrolysis, and assembly. Cytoskeleton, 1998, 40, 71-86.	4.4	161
31	The Compact Conformation of Fibronectin Is Determined by Intramolecular Ionic Interactions. Journal of Biological Chemistry, 1999, 274, 15473-15479.	3.4	160
32	Curved FtsZ protofilaments generate bending forces on liposome membranes. EMBO Journal, 2009, 28, 3476-3484.	7.8	154
33	Rapid in Vitro Assembly Dynamics and Subunit Turnover of FtsZ Demonstrated by Fluorescence Resonance Energy Transfer. Journal of Biological Chemistry, 2005, 280, 22549-22554.	3.4	153
34	Assembly of microtubules from preformed, ring-shaped protofilaments and 6-s tubulin. Journal of Supramolecular Structure, 1974, 2, 393-411.	2.3	147
35	Electron microscopy of map 2 (microtubule-associated protein 2). Journal of Ultrastructure Research, 1982, 80, 374-382.	1.1	138
36	A Rapid Fluorescence Assay for FtsZ Assembly Indicates Cooperative Assembly with a Dimer Nucleus. Biophysical Journal, 2005, 88, 505-514.	0.5	137

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37	How calcium causes microtubule depolymerization. Cytoskeleton, 1997, 36, 125-135.	4.4	135
38	An experimental study of GFP-based FRET, with application to intrinsically unstructured proteins. Protein Science, 2007, 16, 1429-1438.	7.6	135
39	Enhancer-origin interaction in plasmid R6K involves a DNA loop mediated by initiator protein. Cell, 1988, 52, 375-383.	28.9	133
40	ELECTRON MICROSCOPY OF FIBRINOGEN, ITS PLASMIC FRAGMENTS AND SMALL POLYMERS. Annals of the New York Academy of Sciences, 1983, 408, 146-163.	3.8	123
41	Atomic structures of tubulin and FtsZ. Trends in Cell Biology, 1998, 8, 133-137.	7.9	119
42	Evolution of the cytoskeleton. BioEssays, 2007, 29, 668-677.	2.5	119
43	Extracellular annexin II. International Journal of Biochemistry and Cell Biology, 1997, 29, 1219-1223.	2.8	113
44	Modeling the physics of FtsZ assembly and force generation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9238-9243.	7.1	113
45	SulA Inhibits Assembly of FtsZ by a Simple Sequestration Mechanism. Biochemistry, 2012, 51, 3100-3109.	2.5	110
46	FtsZ condensates: An in vitro electron microscopy study. Biopolymers, 2009, 91, 340-350.	2.4	108
47	Pervasive conformational fluctuations on microsecond time scales in a fibronectin type III domain. Nature Structural Biology, 1998, 5, 55-59.	9.7	105
48	Protein Biophysics: Enhanced: Stretching Single Protein Molecules: Titin Is a Weird Spring. Science, 1997, 276, 1090-1092.	12.6	101
49	Structure of the Rad50Â·Mre11 DNA Repair Complex fromSaccharomyces cerevisiae by Electron Microscopy. Journal of Biological Chemistry, 2001, 276, 37027-37033.	3.4	97
50	Vaccine Induction of Heterologous Tier 2 HIV-1 Neutralizing Antibodies in Animal Models. Cell Reports, 2017, 21, 3681-3690.	6.4	97
51	Evidence for a junctional feet-ryanodine receptor complex from sarcoplasmic reticulum. Biochemical and Biophysical Research Communications, 1987, 143, 704-709.	2.1	96
52	Binding of Tenascin-C to Soluble Fibronectin and Matrix Fibrils. Journal of Biological Chemistry, 1995, 270, 29012-29017.	3.4	94
53	Oligomeric Structure and Tissue Distribution of Ficolins from Mouse, Pig and Human. Archives of Biochemistry and Biophysics, 1998, 360, 223-232.	3.0	92
54	Dual labeling of the fibronectin matrix and actin cytoskeleton with green fluorescent protein variants. Journal of Cell Science, 2002, 115, 1221-1229.	2.0	92

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55	Backbone dynamics of homologous fibronectin type III cell adhesion domains from fibronectin and tenascin. Structure, 1997, 5, 949-959.	3.3	88
56	Mutants of FtsZ Targeting the Protofilament Interface: Effects on Cell Division and GTPase Activity. Journal of Bacteriology, 2005, 187, 2727-2736.	2.2	88
57	In Vivo Characterization of <i>Escherichia coli ftsZ</i> Mutants: Effects on Z-Ring Structure and Function. Journal of Bacteriology, 2003, 185, 4796-4805.	2.2	87
58	Crystallization of a fragment of human fibronectin: Introduction of methionine by site-directed mutagenesis to allow phasing via selenomethionine. Proteins: Structure, Function and Bioinformatics, 1994, 19, 48-54.	2.6	86
59	Tenascin-C in Rat Lung: Distribution, Ontogeny and Role in Branching Morphogenesis. Developmental Biology, 1994, 161, 615-625.	2.0	86
60	XMAP215 is a long thin molecule that does not increase microtubule stiffness. Journal of Cell Science, 2001, 114, 3025-3033.	2.0	86
61	Site-specific mutations of FtsZ--effects on GTPase and in vitro assembly. BMC Microbiology, 2001, 1, 7.	3.3	85
62	Progress and Challenges in the Biology of FNDC5 and Irisin. Endocrine Reviews, 2021, 42, 436-456.	20.1	85
63	Dual labeling of the fibronectin matrix and actin cytoskeleton with green fluorescent protein variants. Journal of Cell Science, 2002, 115, 1221-9.	2.0	84
64	Ultrastructure and Function of the Fractalkine Mucin Domain in CX3C Chemokine Domain Presentation. Journal of Biological Chemistry, 2000, 275, 3781-3786.	3.4	81
65	Fibrin Assembly: A Comparison of Electron Microscopic and Light Scattering Results. Thrombosis and Haemostasis, 1980, 44, 119-124.	3.4	81
66	Identification of Amino Acid Sequences in Fibrinogen Î³-Chain and Tenascin C C-terminal Domains Critical for Binding to Integrin Î±vÎ²3. Journal of Biological Chemistry, 2000, 275, 16891-16898.	3.4	77
67	Insideâ€out Z rings â€" constriction with and without GTP hydrolysis. Molecular Microbiology, 2011, 81, 571-579.	2.5	76
68	The <scp>C</scp>â€terminal linker of <i><scp>E</scp>scherichia coli</i>â€…<scp>FtsZ</scp> functions as an intrinsically disordered peptide. Molecular Microbiology, 2013, 89, 264-275.	2.5	76
69	Cell Adhesion Molecule L1 in Folded (Horseshoe) and Extended Conformations. Molecular Biology of the Cell, 2001, 12, 1765-1773.	2.1	75
70	Tenascin-C is an innate broad-spectrum, HIV-1â€"neutralizing protein in breast milk. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 18220-18225.	7.1	73
71	Rapid nucleotide separation by chromatography on cation-exchange columns. Analytical Biochemistry, 1967, 18, 220-227.	2.4	72
72	Dynamin and Ftsz. Journal of Cell Biology, 2000, 148, 1103-1106.	5.2	72

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73	In vitro assembly and GTP hydrolysis by bacterial tubulins BtubA and BtubB. Journal of Cell Biology, 2005, 169, 233-238.	5.2	72
74	Stretching fibronectin. Journal of Muscle Research and Cell Motility, 2002, 23, 575-580.	2.0	71
75	Biochemical and structural studies of tenascin/hexabrachion proteins. Journal of Cellular Biochemistry, 1989, 41, 71-90.	2.6	70
76	Structural Evidence that the P/Q Domain of ZipA Is an Unstructured, Flexible Tether between the Membrane and the C-Terminal FtsZ-Binding Domain. Journal of Bacteriology, 2002, 184, 4313-4315.	2.2	70
77	Understanding the elasticity of fibronectin fibrils: Unfolding strengths of FN-III and GFP domains measured by single molecule force spectroscopy. Matrix Biology, 2006, 25, 175-184.	3.6	70
78	How the kinetochore couples microtubule force and centromere stretch to move chromosomes. Nature Cell Biology, 2016, 18, 382-392.	10.3	70
79	Tenascin Supports Lymphocyte Rolling. Journal of Cell Biology, 1997, 137, 755-765.	5.2	67
80	FtsZ Filament Dynamics at Steady State: Subunit Exchange with and without Nucleotide Hydrolysis. Biochemistry, 2009, 48, 6664-6673.	2.5	67
81	Trimers of the fibronectin cell adhesion domain localize to actin filament bundles and undergo rearward translocation. Journal of Cell Science, 2002, 115, 2581-90.	2.0	67
82	Dilution-induced disassembly of microtubules: Relation to dynamic instability and the GTP cap. Cytoskeleton, 1991, 18, 55-62.	4.4	66
83	Designing an extracellular matrix protein with enhanced mechanical stability. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9633-9637.	7.1	66
84	FtsZ filament capping by MciZ, a developmental regulator of bacterial division. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2130-8.	7.1	65
85	Ultrastructure and Function of Dimeric, Soluble Intercellular Adhesion Molecule-1 (ICAM-1). Journal of Biological Chemistry, 2001, 276, 29019-29027.	3.4	62
86	Assembly Dynamics of Mycobacterium tuberculosis FtsZ. Journal of Biological Chemistry, 2007, 282, 27736-27743.	3.4	62
87	Probing for Binding Regions of the FtsZ Protein Surface through Site-Directed Insertions: Discovery of Fully Functional FtsZ-Fluorescent Proteins. Journal of Bacteriology, 2017, 199, .	2.2	62
88	DOMAIN STRUCTURE OF PHYTOCHROME FROM <i>Avena sativa</i> VISUALIZED BY ELECTRON MICROSCOPY*[,]â€. Photochemistry and Photobiology, 1989, 49, 479-483.	2.5	60
89	Two Oligomeric Forms of Plasma Ficolin Have Differential Lectin Activity. Journal of Biological Chemistry, 1997, 272, 14220-14226.	3.4	60
90	Apparent Cooperative Assembly of the Bacterial Cell Division Protein FtsZ Demonstrated by Isothermal Titration Calorimetry. Journal of Biological Chemistry, 2003, 278, 13784-13788.	3.4	59

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91	Domain Unfolding Plays a Role in Superfibronectin Formation. Journal of Biological Chemistry, 2005, 280, 39143-39151.	3.4	57
92	The FtsZ protofilament and attachment of ZipAâ€"structural constraints on the FtsZ power stroke. Current Opinion in Cell Biology, 2001, 13, 55-60.	5.4	55
93	In Vitro Assembly Studies of FtsZ/Tubulin-like Proteins (TubZ) from Bacillus Plasmids. Journal of Biological Chemistry, 2008, 283, 8102-8109.	3.4	48
94	THE STRUCTURE AND ASSEMBLY OF MICROTUBULES. Annals of the New York Academy of Sciences, 1975, 253, 60-77.	3.8	47
95	Localization of a Cryptic Binding Site for Tenascin on Fibronectin. Journal of Biological Chemistry, 2004, 279, 28132-28135.	3.4	46
96	Gene product 0.4 increases bacteriophage T7 competitiveness by inhibiting host cell division. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19549-19554.	7.1	46
97	The Disulfide Bonding Pattern in Ficolin Multimers. Journal of Biological Chemistry, 2004, 279, 6534-6539.	3.4	45
98	NEGATIVELY STAINED VINBLASTINE AGGREGATES. Annals of the New York Academy of Sciences, 1975, 253, 51-52.	3.8	44
99	Assembly of proteolytically cleaved tubulin. Archives of Biochemistry and Biophysics, 1983, 220, 46-51.	3.0	44
100	Assembly of pure tubulin in the absence of free GTP: effect of magnesium, glycerol, ATP, and the nonhydrolyzable GTP analogs. Biochemistry, 1989, 28, 1413-1422.	2.5	44
101	Negative-Stain Electron Microscopy of Inside-Out FtsZ Rings Reconstituted on Artificial Membrane Tubules Show Ribbons of Protofilaments. Biophysical Journal, 2012, 103, 59-68.	0.5	44
102	Conformational Changes of FtsZ Reported by Tryptophan Mutants. Biochemistry, 2011, 50, 4675-4684.	2.5	43
103	Turgor Pressure and Possible Constriction Mechanisms in Bacterial Division. Frontiers in Microbiology, 2018, 9, 111.	3.5	43
104	Suprastructures and Dynamic Properties of Mycobacterium tuberculosis FtsZ. Journal of Biological Chemistry, 2010, 285, 11281-11289.	3.4	42
105	LFA-1 Binding Site in ICAM-3 Contains a Conserved Motif and Non-Contiguous Amino Acids. Cell Adhesion and Communication, 1994, 2, 429-440.	1.7	41
106	Tubulin rings: Curved filaments with limited flexibility and two modes of association. Journal of Supramolecular Structure, 1979, 10, 419-431.	2.3	40
107	Probing the Folded State of Fibronectin Type III Domains in Stretched Fibrils by Measuring Buried Cysteine Accessibility. Journal of Biological Chemistry, 2011, 286, 26375-26382.	3.4	40
108	FtsZ from Divergent Foreign Bacteria Can Function for Cell Division in Escherichia coli. Journal of Bacteriology, 2006, 188, 7132-7140.	2.2	36

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109	[4] Image reconstruction in electron microscopy: Enhancement of periodic structure by optical filtering. Methods in Enzymology, 1978, 49, 39-63.	1.0	33
110	Fibronectin Aggregation and Assembly. Journal of Biological Chemistry, 2011, 286, 39188-39199.	3.4	33
111	FtsZ Constriction Force â€“ Curved Protofilaments Bending Membranes. Sub-Cellular Biochemistry, 2017, 84, 139-160.	2.4	32
112	Tenascin-C Splice Variant Adhesive/anti-Adhesive Effects on Chondrosarcoma Cell Attachment to Fibronectin.. Cell Structure and Function, 2001, 26, 179-187.	1.1	30
113	Evolution in bacteria. Nature, 2001, 413, 30-30.	27.8	30
114	How bacterial cell division might cheat turgor pressure â€“ a unified mechanism of septal division in Gramâ€positive and Gramâ€negative bacteria. BioEssays, 2017, 39, 1700045.	2.5	30
115	Expression inEscherichia coliof the Thermostable DNA Polymerase fromPyrococcus furiosus. Protein Expression and Purification, 1997, 11, 179-184.	1.3	29
116	Concentration of protein in fibrin fibers and fibrinogen polymers determined by refractive index matching. Biopolymers, 1986, 25, 2375-2384.	2.4	28
117	A tenascin knockout with a phenotype. Nature Genetics, 1997, 17, 5-7.	21.4	28
118	[25] Purificationa and assembly of FtsZ. Methods in Enzymology, 1998, 298, 305-313.	1.0	28
119	Î³-tubulin nucleation: template or protofilament?. Nature Cell Biology, 2000, 2, E93-E95.	10.3	28
120	Probing the domain structure of FtsZ by random truncation and insertion of GFP. Microbiology (United Kingdom), 2005, 151, 4033-4043.	1.8	28
121	Tenascin-C expression in dystrophin-related muscular dystrophy. , 1996, 19, 147-154.		26
122	Cell division without FtsZ â€“ a variety of redundant mechanisms. Molecular Microbiology, 2010, 78, 267-270.	2.5	26
123	Display of Cell Surface Sites for Fibronectin Assembly Is Modulated by Cell Adherence to 1F3 and C-Terminal Modules of Fibronectin. PLoS ONE, 2009, 4, e4113.	2.5	26
124	BtubA-BtubB Heterodimer Is an Essential Intermediate in Protofilament Assembly. PLoS ONE, 2009, 4, e7253.	2.5	25
125	Tenascin-C knockout mouse has no detectable tenascin-C protein. , 1997, 47, 109-117.		24
126	The Straight and Curved Conformation of FtsZ Protofilaments-evidence for Rapid Exchange of GTP into the Curved Protofilament.. Cell Structure and Function, 1999, 24, 285-290.	1.1	24

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127	Lateral packing of protofibrils in fibrin fibers and fibrinogen polymers. Biopolymers, 1986, 25, 2359-2373.	2.4	23
128	Structural Determinants of Autoproteolysis of the <i>Haemophilus influenzae</i> Hap Autotransporter. Infection and Immunity, 2009, 77, 4704-4713.	2.2	22
129	High-resolution crystal structures of <i>Escherichia coli</i> FtsZ bound to GDP and GTP. Acta Crystallographica Section F, Structural Biology Communications, 2020, 76, 94-102.	0.8	22
130	The discovery of the prokaryotic cytoskeleton: 25th anniversary. Molecular Biology of the Cell, 2017, 28, 357-358.	2.1	20
131	ZipA and FtsA* stabilize FtsZ-GDP miniring structures. Scientific Reports, 2017, 7, 3650.	3.3	20
132	A Unified Model for Treadmilling and Nucleation of Single-Stranded FtsZ Protofilaments. Biophysical Journal, 2020, 119, 792-805.	0.5	20
133	Sequence divergence of coiled coilsâ€"structural rods, myosin filament packing, and the extraordinary conservation of cohesins. Journal of Structural Biology, 2006, 154, 111-121.	2.8	19
134	FtsZ Protofilament Curvature Is the Opposite of Tubulin Rings. Biochemistry, 2016, 55, 4085-4091.	2.5	19
135	Ultrastructural and Biochemical Properties of the 120-kDa Form of Chick Kinectin. Journal of Biological Chemistry, 1998, 273, 31738-31743.	3.4	18
136	Determinants of Tenascin-C and HIV-1 envelope binding and neutralization. Mucosal Immunology, 2019, 12, 1004-1012.	6.0	18
137	The cell division protein MinD from Pseudomonas aeruginosa dominates the assembly of the MinCâ€"MinD copolymers. Journal of Biological Chemistry, 2018, 293, 7786-7795.	3.4	17
138	The Presence and Anti-HIV-1 Function of Tenascin C in Breast Milk and Genital Fluids. PLoS ONE, 2016, 11, e0155261.	2.5	16
139	Structural Analysis of a Human Glial Variant Laminin. Experimental Cell Research, 1996, 227, 80-88.	2.6	14
140	Rapid in Vitro Assembly of Caulobacter crescentus FtsZ Protein at pH 6.5 and 7.2. Journal of Biological Chemistry, 2013, 288, 23675-23679.	3.4	14
141	The Chloroplast Tubulin Homologs FtsZA and FtsZB from the Red Alga Galdieria sulphuraria Co-assemble into Dynamic Filaments. Journal of Biological Chemistry, 2017, 292, 5207-5215.	3.4	14
142	Tenascin-C expression and distribution in cultured human chondrocytes and chondrosarcoma cells. Journal of Orthopaedic Research, 2002, 20, 834-841.	2.3	13
143	Protein unfolding under isometric tension â€" what force can integrins generate, and can it unfold FNIII domains?. Current Opinion in Structural Biology, 2017, 42, 98-105.	5.7	12
144	L form bacteria growth in low-osmolality medium. Microbiology (United Kingdom), 2019, 165, 842-851.	1.8	12

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145	Structural characteristics of the desmin protofilament. Journal of Ultrastructure Research, 1984, 89, 179-186.	1.1	10
146	How Teichoic Acids Could Support a Periplasm in Gram-Positive Bacteria, and Let Cell Division Cheat Turgor Pressure. Frontiers in Microbiology, 2021, 12, 664704.	3.5	10
147	FtsZ from Escherichia coli, Azotobacter vinelandii, and Thermotoga maritimaâ€"quantitation, GTP hydrolysis, and assembly. Cytoskeleton, 1998, 40, 71-86.	4.4	10
148	Nucleation of Microtubule Assembly.. Annals of the New York Academy of Sciences, 1986, 466, 552-565.	3.8	9
149	Tubular Liposomes with Variable Permeability for Reconstitution of FtsZ Rings. Methods in Enzymology, 2009, 464, 3-17.	1.0	8
150	Structural determinants of the interaction between the Haemophilus influenzae Hap autotransporter and fibronectin. Microbiology (United Kingdom), 2014, 160, 1182-1190.	1.8	8
151	Fibronectin Conformation and Assembly: Analysis of Fibronectin Deletion Mutants and Fibronectin Glomerulopathy (GFND) Mutants. Biochemistry, 2017, 56, 4584-4591.	2.5	8
152	Microtubule Assembly from Single Flared Protofilamentsâ€"Forget the Cozy Corner?. Biophysical Journal, 2019, 116, 2240-2245.	0.5	8
153	Localization of Tenascin in Uterine Sarcomas and Partially Transformed Endometrial Stromal Cells. Pathobiology, 1993, 61, 67-76.	3.8	7
154	A novel alternative splice domain in zebrafish tenascin-C. Gene, 1995, 156, 307-308.	2.2	7
155	The Coiled Coils of Cohesin Are Conserved in Animals, but Not In Yeast. PLoS ONE, 2009, 4, e4674.	2.5	7
156	Spontaneous Unfolding-Refolding of Fibronectin Type III Domains Assayed by Thiol Exchange. Journal of Biological Chemistry, 2017, 292, 955-966.	3.4	7
157	The Arabidopsis thaliana chloroplast division protein FtsZ1 counterbalances FtsZ2 filament stability inÂvitro. Journal of Biological Chemistry, 2021, 296, 100627.	3.4	6
158	A structural comparison of tryptic fragments of three types of intermediate filaments. Journal of Ultrastructure Research, 1985, 90, 251-260.	1.1	4
159	Whole genome re-sequencing to identify suppressor mutations of mutant and foreign Escherichia coli FtsZ. PLoS ONE, 2017, 12, e0176643.	2.5	4
160	Disulfide-mediated dimerization of L1 Ig domains. Journal of Neuroscience Research, 2001, 66, 347-355.	2.9	3
161	Bacterial Actin Homolog ParM: Arguments for an Apolar, Antiparallel Double Helix. Journal of Molecular Biology, 2012, 422, 461-463.	4.2	3
162	How calcium causes microtubule depolymerization. Cytoskeleton, 1997, 36, 125-135.	4.4	1

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163	FtsZ at mid-cell is essential in Escherichia coli until the late stage of constriction. Microbiology (United Kingdom), 2022, 168, .	1.8	1
164	Improved Specimen Preparations for Electron Microscopy of FtsZ Protofilaments. Biophysical Journal, 2009, 96, 519a.	0.5	0
165	1SP6-05 FtsZ (bacterial tubulin) bending and constricting liposomes(1SP6 Membrane transformers!! :) Tj ETQq1 1 0.784314 rgBT /Ov	0.1	0