

Grant Jensen

List of Publications by Year in descending order

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152
papers

12,419
citations

20759

60
h-index

32761

100
g-index

195
all docs

195
docs citations

195
times ranked

11485
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetosomes Are Cell Membrane Invaginations Organized by the Actin-Like Protein MamK. <i>Science</i> , 2006, 311, 242-245.	6.0	601
2	Architecture of the type IVa pilus machine. <i>Science</i> , 2016, 351, aad2001.	6.0	347
3	The structure of FtsZ filaments in vivo suggests a force-generating role in cell division. <i>EMBO Journal</i> , 2007, 26, 4694-4708.	3.5	340
4	Universal architecture of bacterial chemoreceptor arrays. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 17181-17186.	3.3	320
5	A Self-Associating Protein Critical for Chromosome Attachment, Division, and Polar Organization in <i>Caulobacter</i> . <i>Cell</i> , 2008, 134, 956-968.	13.5	286
6	Structural diversity of bacterial flagellar motors. <i>EMBO Journal</i> , 2011, 30, 2972-2981.	3.5	281
7	An Improved Cryogen for Plunge Freezing. <i>Microscopy and Microanalysis</i> , 2008, 14, 375-379.	0.2	273
8	The metabolic enzyme CTP synthase forms cytoskeletal filaments. <i>Nature Cell Biology</i> , 2010, 12, 739-746.	4.6	262
9	Bacterial chemoreceptor arrays are hexagonally packed trimers of receptor dimers networked by rings of kinase and coupling proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3766-3771.	3.3	247
10	Molecular organization of Gram-negative peptidoglycan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18953-18957.	3.3	239
11	Giant viruses with an expanded complement of translation system components. <i>Science</i> , 2017, 356, 82-85.	6.0	234
12	Marine Tubeworm Metamorphosis Induced by Arrays of Bacterial Phage Tail-Like Structures. <i>Science</i> , 2014, 343, 529-533.	6.0	223
13	Correlated cryogenic photoactivated localization microscopy and cryo-electron tomography. <i>Nature Methods</i> , 2014, 11, 737-739.	9.0	201
14	Architecture of the major component of the type III secretion system export apparatus. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 99-104.	3.6	200
15	Moltemplate: A Tool for Coarse-Grained Modeling of Complex Biological Matter and Soft Condensed Matter Physics. <i>Journal of Molecular Biology</i> , 2021, 433, 166841.	2.0	189
16	The Helical MreB Cytoskeleton in <i>Escherichia coli</i> MC1000/pLE7 Is an Artifact of the N-Terminal Yellow Fluorescent Protein Tag. <i>Journal of Bacteriology</i> , 2012, 194, 6382-6386.	1.0	186
17	Electron cryotomography sample preparation using the Vitrobot. <i>Nature Protocols</i> , 2006, 1, 2813-2819.	5.5	180
18	Fully automated, sequential tilt-series acquisition with Legimon. <i>Journal of Structural Biology</i> , 2009, 167, 11-18.	1.3	180

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19	Diverse high-torque bacterial flagellar motors assemble wider stator rings using a conserved protein scaffold. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1917-26.	3.3	170
20	In situ structure of the complete <i>Treponema primitia</i> flagellar motor. <i>Nature</i> , 2006, 442, 1062-1064.	13.7	168
21	<i>Nitrosopumilus maritimus</i> gen. nov., sp. nov., <i>Nitrosopumilus cobalaminigenes</i> sp. nov., <i>Nitrosopumilus oxycliniae</i> sp. nov., and <i>Nitrosopumilus ureiphilus</i> sp. nov., four marine ammonia-oxidizing archaea of the phylum Thaumarchaeota. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 5067-5079.	0.8	159
22	Fast nonlocal filtering applied to electron cryomicroscopy. , 2008, , .		157
23	Organization, Structure, and Assembly of $\hat{\pm}$ -Carboxysomes Determined by Electron Cryotomography of Intact Cells. <i>Journal of Molecular Biology</i> , 2010, 396, 105-117.	2.0	154
24	A multidomain hub anchors the chromosome segregation and chemotactic machinery to the bacterial pole. <i>Genes and Development</i> , 2012, 26, 2348-2360.	2.7	154
25	The Structure of Isolated <i>Synechococcus</i> Strain WH8102 Carboxysomes as Revealed by Electron Cryotomography. <i>Journal of Molecular Biology</i> , 2007, 372, 764-773.	2.0	153
26	Ultrastructure of <i>Shewanella oneidensis</i> MR-1 nanowires revealed by electron cryotomography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3246-E3255.	3.3	151
27	FcRn-mediated antibody transport across epithelial cells revealed by electron tomography. <i>Nature</i> , 2008, 455, 542-546.	13.7	150
28	Bactofilins, a ubiquitous class of cytoskeletal proteins mediating polar localization of a cell wall synthase in <i>Caulobacter crescentus</i> . <i>EMBO Journal</i> , 2010, 29, 327-339.	3.5	143
29	Electron tomography of cells. <i>Quarterly Reviews of Biophysics</i> , 2012, 45, 27-56.	2.4	138
30	Cellular Electron Cryotomography: Toward Structural Biology In Situ. <i>Annual Review of Biochemistry</i> , 2017, 86, 873-896.	5.0	138
31	Coarse-grained simulation reveals key features of HIV-1 capsid self-assembly. <i>Nature Communications</i> , 2016, 7, 11568.	5.8	134
32	Cryo-EM structure of a CD4-bound open HIV-1 envelope trimer reveals structural rearrangements of the gp120 V1V2 loop. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7151-E7158.	3.3	130
33	Discovery of chlamydial peptidoglycan reveals bacteria with murein sacculi but without FtsZ. <i>Nature Communications</i> , 2013, 4, 2856.	5.8	123
34	Architecture and assembly of the ϵ -positive cell wall. <i>Molecular Microbiology</i> , 2013, 88, 664-672.	1.2	116
35	Preparation of biogenic gas vesicle nanostructures for use as contrast agents for ultrasound and MRI. <i>Nature Protocols</i> , 2017, 12, 2050-2080.	5.5	116
36	Alternative mechanism for bacteriophage adsorption to the motile bacterium <i>Caulobacter crescentus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9963-9968.	3.3	114

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37	Structure of bacterial cytoplasmic chemoreceptor arrays and implications for chemotactic signaling. <i>ELife</i> , 2014, 3, e02151.	2.8	112
38	Location and architecture of the <i>Caulobacter crescentus</i> chemoreceptor array. <i>Molecular Microbiology</i> , 2008, 69, 30-41.	1.2	111
39	Plunge Freezing for Electron Cryomicroscopy. <i>Methods in Enzymology</i> , 2010, 481, 63-82.	0.4	108
40	Microtubules in Bacteria: Ancient Tubulins Build a Five-Protofilament Homolog of the Eukaryotic Cytoskeleton. <i>PLoS Biology</i> , 2011, 9, e1001213.	2.6	108
41	<i>In situ</i> structure of the <i>Legionella</i> Dot/Icm type <i>IV</i> secretion system by electron cryotomography. <i>EMBO Reports</i> , 2017, 18, 726-732.	2.0	101
42	Structural conservation of chemotaxis machinery across <i>A</i> rchaea and <i>B</i> acteria. <i>Environmental Microbiology Reports</i> , 2015, 7, 414-419.	1.0	100
43	Peptidoglycan Remodeling and Conversion of an Inner Membrane into an Outer Membrane during Sporulation. <i>Cell</i> , 2011, 146, 799-812.	13.5	98
44	Polyphosphate granule biogenesis is temporally and functionally tied to cell cycle exit during starvation in <i>Pseudomonas aeruginosa</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2440-E2449.	3.3	93
45	<i>Escherichia coli</i> Peptidoglycan Structure and Mechanics as Predicted by Atomic-Scale Simulations. <i>PLoS Computational Biology</i> , 2014, 10, e1003475.	1.5	92
46	New Insights into Bacterial Chemoreceptor Array Structure and Assembly from Electron Cryotomography. <i>Biochemistry</i> , 2014, 53, 1575-1585.	1.2	91
47	Bacterial TEM. <i>Methods in Cell Biology</i> , 2010, 96, 21-45.	0.5	89
48	Electron cryotomography of ESCRT assemblies and dividing <i>Sulfolobus</i> cells suggests that spiraling filaments are involved in membrane scission. <i>Molecular Biology of the Cell</i> , 2013, 24, 2319-2327.	0.9	88
49	Phylogenomic analysis of <i>Candidatus</i> <i>Îzimaplasma</i> ™ species: free-living representatives from a <i>Tenericutes</i> clade found in methane seeps. <i>ISME Journal</i> , 2016, 10, 2679-2692.	4.4	88
50	Sporulation, bacterial cell envelopes and the origin of life. <i>Nature Reviews Microbiology</i> , 2016, 14, 535-542.	13.6	88
51	Acoustically modulated magnetic resonance imaging of gas-filled protein nanostructures. <i>Nature Materials</i> , 2018, 17, 456-463.	13.3	88
52	Primate TRIM5 proteins form hexagonal nets on HIV-1 capsids. <i>ELife</i> , 2016, 5, .	2.8	87
53	How electron cryotomography is opening a new window onto prokaryotic ultrastructure. <i>Current Opinion in Structural Biology</i> , 2007, 17, 260-267.	2.6	86
54	A new view into prokaryotic cell biology from electron cryotomography. <i>Nature Reviews Microbiology</i> , 2016, 14, 205-220.	13.6	86

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55	Rapid tilt-series acquisition for electron cryotomography. <i>Journal of Structural Biology</i> , 2019, 205, 163-169.	1.3	85
56	In Vivo Structures of the <i>Helicobacter pylori</i> cag Type IV Secretion System. <i>Cell Reports</i> , 2018, 23, 673-681.	2.9	80
57	Molecular architecture, polar targeting and biogenesis of the <i>Legionella</i> Dot/Icm T4SS. <i>Nature Microbiology</i> , 2019, 4, 1173-1182.	5.9	80
58	Long helical filaments are not seen encircling cells in electron cryotomograms of rod-shaped bacteria. <i>Biochemical and Biophysical Research Communications</i> , 2011, 407, 650-655.	1.0	75
59	Correlated Light and Electron Cryo-Microscopy. <i>Methods in Enzymology</i> , 2010, 481, 317-341.	0.4	72
60	Assigning chemoreceptors to chemosensory pathways in <i>Pseudomonas aeruginosa</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12809-12814.	3.3	72
61	Programmed Secretion Arrest and Receptor-Triggered Toxin Export during Antibacterial Contact-Dependent Growth Inhibition. <i>Cell</i> , 2018, 175, 921-933.e14.	13.5	71
62	Electron Cryotomography. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010, 2, a003442-a003442.	2.3	69
63	Nanopods: A New Bacterial Structure and Mechanism for Deployment of Outer Membrane Vesicles. <i>PLoS ONE</i> , 2011, 6, e20725.	1.1	68
64	General Protein Diffusion Barriers Create Compartments within Bacterial Cells. <i>Cell</i> , 2012, 151, 1270-1282.	13.5	68
65	Architecture of the <i>Vibrio cholerae</i> toxin-coregulated pilus machine revealed by electron cryotomography. <i>Nature Microbiology</i> , 2017, 2, 16269.	5.9	67
66	PilY1 and minor pilins form a complex priming the type IVa pilus in <i>Myxococcus xanthus</i> . <i>Nature Communications</i> , 2020, 11, 5054.	5.8	67
67	Growth and Localization of Polyhydroxybutyrate Granules in <i>Ralstonia eutropha</i> . <i>Journal of Bacteriology</i> , 2012, 194, 1092-1099.	1.0	65
68	In vivo structures of an intact type VI secretion system revealed by electron cryotomography. <i>EMBO Reports</i> , 2017, 18, 1090-1099.	2.0	64
69	A "flip-flop" rotation stage for routine dual-axis electron cryotomography. <i>Journal of Structural Biology</i> , 2005, 151, 288-297.	1.3	61
70	The mobility of two kinase domains in the <i>Escherichia coli</i> chemoreceptor array varies with signalling state. <i>Molecular Microbiology</i> , 2013, 89, 831-841.	1.2	59
71	Collection of Continuous Rotation MicroED Data from Ion Beam-Milled Crystals of Any Size. <i>Structure</i> , 2019, 27, 545-548.e2.	1.6	58
72	Electron Cryotomography Studies of Maturing HIV-1 Particles Reveal the Assembly Pathway of the Viral Core. <i>Journal of Virology</i> , 2015, 89, 1267-1277.	1.5	56

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73	Chemotaxis cluster 1 proteins form cytoplasmic arrays in <i>Vibrio cholerae</i> and are stabilized by a double signaling domain receptor DosM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10412-10417.	3.3	55
74	Short FtsZ filaments can drive asymmetric cell envelope constriction at the onset of bacterial cytokinesis. <i>EMBO Journal</i> , 2017, 36, 1577-1589.	3.5	55
75	Polar delivery of <i>Legionella</i> type IV secretion system substrates is essential for virulence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8077-8082.	3.3	55
76	Defocus-gradient corrected back-projection. <i>Ultramicroscopy</i> , 2000, 84, 57-64.	0.8	54
77	Selective Permeability of Carboxysome Shell Pores to Anionic Molecules. <i>Journal of Physical Chemistry B</i> , 2018, 122, 9110-9118.	1.2	54
78	The bacterial cytoskeleton: more than twisted filaments. <i>Current Opinion in Cell Biology</i> , 2013, 25, 125-133.	2.6	52
79	Nutrient transport suggests an evolutionary basis for charged archaeal surface layer proteins. <i>ISME Journal</i> , 2018, 12, 2389-2402.	4.4	51
80	Coarse-grained simulations of bacterial cell wall growth reveal that local coordination alone can be sufficient to maintain rod shape. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3689-98.	3.3	50
81	Data management challenges in three-dimensional EM. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 1203-1207.	3.6	49
82	Uncharacterized Bacterial Structures Revealed by Electron Cryotomography. <i>Journal of Bacteriology</i> , 2017, 199, .	1.0	49
83	Polyphosphate Storage during Sporulation in the Gram-Negative Bacterium <i>Acetonebacterium longum</i> . <i>Journal of Bacteriology</i> , 2013, 195, 3940-3946.	1.0	48
84	Novel ultrastructures of <i>Treponema primitia</i> and their implications for motility. <i>Molecular Microbiology</i> , 2008, 67, 1184-1195.	1.2	44
85	<i>In situ</i> imaging of the bacterial flagellar motor disassembly and assembly processes. <i>EMBO Journal</i> , 2019, 38, e100957.	3.5	43
86	In vivo structure of the <i>Legionella</i> type II secretion system by electron cryotomography. <i>Nature Microbiology</i> , 2019, 4, 2101-2108.	5.9	43
87	Ribosome-associated vesicles: A dynamic subcompartment of the endoplasmic reticulum in secretory cells. <i>Science Advances</i> , 2020, 6, eaay9572.	4.7	42
88	Alignment Error Envelopes for Single Particle Analysis. <i>Journal of Structural Biology</i> , 2001, 133, 143-155.	1.3	40
89	Dynamic Remodeling of the Magnetosome Membrane Is Triggered by the Initiation of Biomineralization. <i>MBio</i> , 2016, 7, e01898-15.	1.8	40
90	Starvation and recovery in the deep-sea methanotroph <i>Methyloprofundus sedimenti</i> . <i>Molecular Microbiology</i> , 2017, 103, 242-252.	1.2	40

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91	De Novo Structural Pattern Mining in Cellular Electron Cryotomograms. <i>Structure</i> , 2019, 27, 679-691.e14.	1.6	40
92	Recombinantly expressed gas vesicles as nanoscale contrast agents for ultrasound and hyperpolarized MRI. <i>AIChE Journal</i> , 2018, 64, 2927-2933.	1.8	39
93	Activated chemoreceptor arrays remain intact and hexagonally packed. <i>Molecular Microbiology</i> , 2011, 82, 748-757.	1.2	38
94	FtsEX-mediated regulation of the final stages of cell division reveals morphogenetic plasticity in <i>Caulobacter crescentus</i> . <i>PLoS Genetics</i> , 2017, 13, e1006999.	1.5	38
95	Structure of the fission yeast actomyosin ring during constriction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1455-E1464.	3.3	38
96	Repurposing a chemosensory macromolecular machine. <i>Nature Communications</i> , 2020, 11, 2041.	5.8	38
97	ETDB-Caltech: A blockchain-based distributed public database for electron tomography. <i>PLoS ONE</i> , 2019, 14, e0215531.	1.1	37
98	The presence and absence of periplasmic rings in bacterial flagellar motors correlates with stator type. <i>ELife</i> , 2019, 8, .	2.8	36
99	Dynamics of the peptidoglycan biosynthetic machinery in the stalked budding bacterium <i>Hyphomonas neptunium</i> . <i>Molecular Microbiology</i> , 2017, 103, 875-895.	1.2	35
100	Morphology of the archaeellar motor and associated cytoplasmic cone in <i>Thermococcus kodakaraensis</i> . <i>EMBO Reports</i> , 2017, 18, 1660-1670.	2.0	34
101	Qualitative Analyses of Polishing and Precoating FIB Milled Crystals for MicroED. <i>Structure</i> , 2019, 27, 1594-1600.e2.	1.6	33
102	The Caltech Tomography Database and Automatic Processing Pipeline. <i>Journal of Structural Biology</i> , 2015, 192, 279-286.	1.3	32
103	Fusion of DARPIn to Aldolase Enables Visualization of Small Protein by Cryo-EM. <i>Structure</i> , 2019, 27, 1148-1155.e3.	1.6	32
104	Structure of the Bacterial Cellulose Ribbon and Its Assembly-Guiding Cytoskeleton by Electron Cryotomography. <i>Journal of Bacteriology</i> , 2021, 203, .	1.0	31
105	Cryo-electron tomography of the onion cell wall shows bimodally oriented cellulose fibers and reticulated homogalacturonan networks. <i>Current Biology</i> , 2022, 32, 2375-2389.e6.	1.8	29
106	Distinguishing signal from autofluorescence in cryogenic correlated light and electron microscopy of mammalian cells. <i>Journal of Structural Biology</i> , 2018, 201, 15-25.	1.3	27
107	Visualizing insulin vesicle neighborhoods in $\hat{1}^2$ cells by cryo-electron tomography. <i>Science Advances</i> , 2020, 6, .	4.7	27
108	LytM factors affect the recruitment of autolysins to the cell division site in <i>Caulobacter crescentus</i> . <i>Molecular Microbiology</i> , 2017, 106, 419-438.	1.2	26

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109	Ultrastructure and complex polar architecture of the human pathogen <i>Campylobacter jejuni</i> . <i>MicrobiologyOpen</i> , 2014, 3, 702-710.	1.2	25
110	FGF21 trafficking in intact human cells revealed by cryo-electron tomography with gold nanoparticles. <i>ELife</i> , 2019, 8, .	2.8	25
111	Generation of ordered protein assemblies using rigid three-body fusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	25
112	The stress-sensing domain of activated IRE1 β forms helical filaments in narrow ER membrane tubes. <i>Science</i> , 2021, 374, 52-57.	6.0	24
113	Progress and Potential of Electron Cryotomography as Illustrated by Its Application to Bacterial Chemoreceptor Arrays. <i>Annual Review of Biophysics</i> , 2017, 46, 1-21.	4.5	23
114	The Structure, Function and Roles of the Archaeal ESCRT Apparatus. <i>Sub-Cellular Biochemistry</i> , 2017, 84, 357-377.	1.0	23
115	Bacterial flagellar motor PL-ring disassembly subcomplexes are widespread and ancient. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8941-8947.	3.3	23
116	Direct visualization of vaults within intact cells by electron cryo-tomography. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 3401-3409.	2.4	22
117	CryoEM structure of the type IVa pilus secretin required for natural competence in <i>Vibrio cholerae</i> . <i>Nature Communications</i> , 2020, 11, 5080.	5.8	21
118	Single-particle selection and alignment with heavy atom cluster-antibody conjugates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 9262-9267.	3.3	20
119	Effects of antimicrobial photodynamic therapy on antibiotic-resistant <i>Escherichia coli</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 32, 102029.	1.3	20
120	Correlated cryogenic fluorescence microscopy and electron cryo-tomography shows that exogenous TRIM5 β can form hexagonal lattices or autophagy aggregates in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29702-29711.	3.3	20
121	Measuring gas vesicle dimensions by electron microscopy. <i>Protein Science</i> , 2021, 30, 1081-1086.	3.1	20
122	Montage electron tomography of vitrified specimens. <i>Journal of Structural Biology</i> , 2022, 214, 107860.	1.3	20
123	Coarse-grained simulations of actomyosin rings point to a nodeless model involving both unipolar and bipolar myosins. <i>Molecular Biology of the Cell</i> , 2018, 29, 1318-1331.	0.9	19
124	Bacterial Swarming Reduces <i>Proteus mirabilis</i> and <i>Vibrio parahaemolyticus</i> Cell Stiffness and Increases β -Lactam Susceptibility. <i>MBio</i> , 2019, 10, .	1.8	17
125	In situ imaging of bacterial outer membrane projections and associated protein complexes using electron cryo-tomography. <i>ELife</i> , 2021, 10, .	2.8	16
126	Electron cryotomography of <i>Mycoplasma pneumoniae</i> mutants correlates terminal organelle architectural features and function. <i>Molecular Microbiology</i> , 2018, 108, 306-318.	1.2	15

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127	Rapid tilt-series method for cryo-electron tomography: Characterizing stage behavior during FISE acquisition. <i>Journal of Structural Biology</i> , 2021, 213, 107716.	1.3	14
128	Electron Cryotomography of Bacterial Secretion Systems. <i>Microbiology Spectrum</i> , 2019, 7, .	1.2	13
129	A cryo-electron tomography workflow reveals protrusion-mediated shedding on injured plasma membrane. <i>Science Advances</i> , 2021, 7, .	4.7	13
130	Simulations suggest a constrictive force is required for Gram-negative bacterial cell division. <i>Nature Communications</i> , 2019, 10, 1259.	5.8	12
131	The Variable Internal Structure of the <i>Mycoplasma penetrans</i> Attachment Organelle Revealed by Biochemical and Microscopic Analyses: Implications for Attachment Organelle Mechanism and Evolution. <i>Journal of Bacteriology</i> , 2017, 199, .	1.0	10
132	Distinct Chemotaxis Protein Paralogs Assemble into Chemoreceptor Signaling Arrays To Coordinate Signaling Output. <i>MBio</i> , 2019, 10, .	1.8	10
133	Novel transient cytoplasmic rings stabilize assembling bacterial flagellar motors. <i>EMBO Journal</i> , 2022, 41, e109523.	3.5	10
134	Nanogold as a Specific Marker for Electron Cryotomography. <i>Microscopy and Microanalysis</i> , 2009, 15, 183-188.	0.2	9
135	In Situ Imaging and Structure Determination of Biomolecular Complexes Using Electron Cryo-Tomography. <i>Methods in Molecular Biology</i> , 2021, 2215, 83-111.	0.4	9
136	The development of cryo-EM and how it has advanced microbiology. <i>Nature Microbiology</i> , 2017, 2, 1577-1579.	5.9	8
137	In Situ Imaging and Structure Determination of Bacterial Toxin Delivery Systems Using Electron Cryotomography. <i>Methods in Molecular Biology</i> , 2019, 1921, 249-265.	0.4	7
138	Programmed Flagellar Ejection in <i>Caulobacter crescentus</i> Leaves PL-subcomplexes. <i>Journal of Molecular Biology</i> , 2021, 433, 167004.	2.0	7
139	UVC inactivation of pathogenic samples suitable for cryo-EM analysis. <i>Communications Biology</i> , 2022, 5, 29.	2.0	7
140	Loss of the Bacterial Flagellar Motor Switch Complex upon Cell Lysis. <i>MBio</i> , 2021, 12, e0029821.	1.8	6
141	<i>The Atlas of Bacterial & Archaeal Cell Structure</i> : an Interactive Open-Access Microbiology Textbook. <i>Journal of Microbiology and Biology Education</i> , 2021, 22, .	0.5	6
142	A bacterial membrane sculpting protein with BAR domain-like activity. <i>ELife</i> , 2021, 10, .	2.8	6
143	<i>Streptomyces</i> : A Screening Tool for Bacterial Cell Division Inhibitors. <i>Journal of Biomolecular Screening</i> , 2015, 20, 275-284.	2.6	5
144	Simulations of Proposed Mechanisms of FtsZ-Driven Cell Constriction. <i>Journal of Bacteriology</i> , 2021, 203, .	1.0	5

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145	Protein Filaments Caught in the Act. <i>Science</i> , 2009, 323, 472-473.	6.0	3
146	Coarse-Grained Molecular Dynamics Simulations of the Bacterial Cell Wall. <i>Methods in Molecular Biology</i> , 2016, 1440, 247-270.	0.4	3
147	Structure of Wild Type Yeast RNA Polymerase II and Location of RPB4 and RPB7. <i>Microscopy and Microanalysis</i> , 1998, 4, 972-973.	0.2	1
148	Author's reply. <i>Nature Reviews Microbiology</i> , 2016, 14, 600-600.	13.6	0
149	Photon-induced Near-field Electron Microscopy of Eukaryotic Cells. <i>Angewandte Chemie</i> , 2017, 129, 11656-11659.	1.6	0
150	Electron Cryotomography of Vitreous Cryosections and Cryo-Focused Ion Beam Milled Lamellae.. <i>Microscopy and Microanalysis</i> , 2017, 23, 2314-2315.	0.2	0
151	Electron Cryotomography of Bacterial Secretion Systems. , 0, , 1-12.		0
152	Challenges in solving structures from radiation-damaged tomograms of protein nanocrystals assessed by simulation. <i>Acta Crystallographica Section D: Structural Biology</i> , 2021, 77, 572-586.	1.1	0