

# Grant Jensen

## List of Publications by Year in descending order

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152  
papers

12,419  
citations

20817

60  
h-index

32842

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. Science, 2006, 311, 242-245.	12.6	601
2	Architecture of the type IVa pilus machine. Science, 2016, 351, aad2001.	12.6	347
3	The structure of FtsZ filaments in vivo suggests a force-generating role in cell division. EMBO Journal, 2007, 26, 4694-4708.	7.8	340
4	Universal architecture of bacterial chemoreceptor arrays. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17181-17186.	7.1	320
5	A Self-Associating Protein Critical for Chromosome Attachment, Division, and Polar Organization in Caulobacter. Cell, 2008, 134, 956-968.	28.9	286
6	Structural diversity of bacterial flagellar motors. EMBO Journal, 2011, 30, 2972-2981.	7.8	281
7	An Improved Cryogen for Plunge Freezing. Microscopy and Microanalysis, 2008, 14, 375-379.	0.4	273
8	The metabolic enzyme CTP synthase forms cytoskeletal filaments. Nature Cell Biology, 2010, 12, 739-746.	10.3	262
9	Bacterial chemoreceptor arrays are hexagonally packed trimers of receptor dimers networked by rings of kinase and coupling proteins. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3766-3771.	7.1	247
10	Molecular organization of Gram-negative peptidoglycan. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18953-18957.	7.1	239
11	Giant viruses with an expanded complement of translation system components. Science, 2017, 356, 82-85.	12.6	234
12	Marine Tubeworm Metamorphosis Induced by Arrays of Bacterial Phage Tail-Like Structures. Science, 2014, 343, 529-533.	12.6	223
13	Correlated cryogenic photoactivated localization microscopy and cryo-electron tomography. Nature Methods, 2014, 11, 737-739.	19.0	201
14	Architecture of the major component of the type III secretion system export apparatus. Nature Structural and Molecular Biology, 2013, 20, 99-104.	8.2	200
15	Moltemplate: A Tool for Coarse-Grained Modeling of Complex Biological Matter and Soft Condensed Matter Physics. Journal of Molecular Biology, 2021, 433, 166841.	4.2	189
16	The Helical MreB Cytoskeleton in Escherichia coli MC1000/pLE7 Is an Artifact of the N-Terminal Yellow Fluorescent Protein Tag. Journal of Bacteriology, 2012, 194, 6382-6386.	2.2	186
17	Electron cryotomography sample preparation using the Vitrobot. Nature Protocols, 2006, 1, 2813-2819.	12.0	180
18	Fully automated, sequential tilt-series acquisition with Legion. Journal of Structural Biology, 2009, 167, 11-18.	2.8	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.	7.1	170
20	In situ structure of the complete <i>Treponema primitia</i> flagellar motor. <i>Nature</i> , 2006, 442, 1062-1064.	27.8	168
21	<i>Nitrosopumilus maritimus</i> gen. nov., sp. nov., <i>Nitrosopumilus cobalaminigenes</i> sp. nov., <i>Nitrosopumilus oxycinae</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.	1.7	159
22	Fast nonlocal filtering applied to electron cryomicroscopy. , 2008, , .		157
23	Organization, Structure, and Assembly of $\beta$ -Carboxysomes Determined by Electron Cryotomography of Intact Cells. <i>Journal of Molecular Biology</i> , 2010, 396, 105-117.	4.2	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.	5.9	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.	4.2	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.	7.1	151
27	FcRn-mediated antibody transport across epithelial cells revealed by electron tomography. <i>Nature</i> , 2008, 455, 542-546.	27.8	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.	7.8	143
29	Electron tomography of cells. <i>Quarterly Reviews of Biophysics</i> , 2012, 45, 27-56.	5.7	138
30	Cellular Electron Cryotomography: Toward Structural Biology In Situ. <i>Annual Review of Biochemistry</i> , 2017, 86, 873-896.	11.1	138
31	Coarse-grained simulation reveals key features of HIV-1 capsid self-assembly. <i>Nature Communications</i> , 2016, 7, 11568.	12.8	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.	7.1	130
33	Discovery of chlamydial peptidoglycan reveals bacteria with murein sacculi but without FtsZ. <i>Nature Communications</i> , 2013, 4, 2856.	12.8	123
34	Architecture and assembly of the $\epsilon$ -positive cell wall. <i>Molecular Microbiology</i> , 2013, 88, 664-672.	2.5	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.	12.0	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.	7.1	114

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37	Structure of bacterial cytoplasmic chemoreceptor arrays and implications for chemotactic signaling. <i>ELife</i> , 2014, 3, e02151.	6.0	112
38	Location and architecture of the <i>Caulobacter crescentus</i> chemoreceptor array. <i>Molecular Microbiology</i> , 2008, 69, 30-41.	2.5	111
39	Plunge Freezing for Electron Cryomicroscopy. <i>Methods in Enzymology</i> , 2010, 481, 63-82.	1.0	108
40	Microtubules in Bacteria: Ancient Tubulins Build a Five-Protofilament Homolog of the Eukaryotic Cytoskeleton. <i>PLoS Biology</i> , 2011, 9, e1001213.	5.6	108
41	<i>In situ</i> structure of the <i>Legionella</i> Dot/Icm type IV secretion system by electron cryotomography. <i>EMBO Reports</i> , 2017, 18, 726-732.	4.5	101
42	Structural conservation of chemotaxis machinery across Archaea and Bacteria. <i>Environmental Microbiology Reports</i> , 2015, 7, 414-419.	2.4	100
43	Peptidoglycan Remodeling and Conversion of an Inner Membrane into an Outer Membrane during Sporulation. <i>Cell</i> , 2011, 146, 799-812.	28.9	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.	7.1	93
45	<i>Escherichia coli</i> Peptidoglycan Structure and Mechanics as Predicted by Atomic-Scale Simulations. <i>PLoS Computational Biology</i> , 2014, 10, e1003475.	3.2	92
46	New Insights into Bacterial Chemoreceptor Array Structure and Assembly from Electron Cryotomography. <i>Biochemistry</i> , 2014, 53, 1575-1585.	2.5	91
47	Bacterial TEM. <i>Methods in Cell Biology</i> , 2010, 96, 21-45.	1.1	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.	2.1	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.	9.8	88
50	Sporulation, bacterial cell envelopes and the origin of life. <i>Nature Reviews Microbiology</i> , 2016, 14, 535-542.	28.6	88
51	Acoustically modulated magnetic resonance imaging of gas-filled protein nanostructures. <i>Nature Materials</i> , 2018, 17, 456-463.	27.5	88
52	Primate TRIM5 proteins form hexagonal nets on HIV-1 capsids. <i>ELife</i> , 2016, 5, .	6.0	87
53	How electron cryotomography is opening a new window onto prokaryotic ultrastructure. <i>Current Opinion in Structural Biology</i> , 2007, 17, 260-267.	5.7	86
54	A new view into prokaryotic cell biology from electron cryotomography. <i>Nature Reviews Microbiology</i> , 2016, 14, 205-220.	28.6	86

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55	Rapid tilt-series acquisition for electron cryotomography. <i>Journal of Structural Biology</i> , 2019, 205, 163-169.	2.8	85
56	InÂVivo Structures of the <i>Helicobacter pylori</i> cag Type IV Secretion System. <i>Cell Reports</i> , 2018, 23, 673-681.	6.4	80
57	Molecular architecture, polar targeting and biogenesis of the <i>Legionella</i> Dot/Icm T4SS. <i>Nature Microbiology</i> , 2019, 4, 1173-1182.	13.3	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.	2.1	75
59	Correlated Light and Electron Cryo-Microscopy. <i>Methods in Enzymology</i> , 2010, 481, 317-341.	1.0	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.	7.1	72
61	Programmed Secretion Arrest and Receptor-Triggered Toxin Export during Antibacterial Contact-Dependent Growth Inhibition. <i>Cell</i> , 2018, 175, 921-933.e14.	28.9	71
62	Electron Cryotomography. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010, 2, a003442-a003442.	5.5	69
63	Nanopods: A New Bacterial Structure and Mechanism for Deployment of Outer Membrane Vesicles. <i>PLoS ONE</i> , 2011, 6, e20725.	2.5	68
64	General Protein Diffusion Barriers Create Compartments within Bacterial Cells. <i>Cell</i> , 2012, 151, 1270-1282.	28.9	68
65	Architecture of the <i>Vibrio cholerae</i> toxin-coregulated pilus machine revealed by electron cryotomography. <i>Nature Microbiology</i> , 2017, 2, 16269.	13.3	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.	12.8	67
67	Growth and Localization of Polyhydroxybutyrate Granules in <i>Ralstonia eutropha</i> . <i>Journal of Bacteriology</i> , 2012, 194, 1092-1099.	2.2	65
68	<i>In vivo</i> structures of an intact type VI secretion system revealed by electron cryotomography. <i>EMBO Reports</i> , 2017, 18, 1090-1099.	4.5	64
69	A “flip-flop” rotation stage for routine dual-axis electron cryotomography. <i>Journal of Structural Biology</i> , 2005, 151, 288-297.	2.8	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.	2.5	59
71	Collection of Continuous Rotation MicroED Data from Ion Beam-Milled Crystals of Any Size. <i>Structure</i> , 2019, 27, 545-548.e2.	3.3	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.	3.4	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.	7.1	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.	7.8	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.	7.1	55
76	Defocus-gradient corrected back-projection. <i>Ultramicroscopy</i> , 2000, 84, 57-64.	1.9	54
77	Selective Permeability of Carboxysome Shell Pores to Anionic Molecules. <i>Journal of Physical Chemistry B</i> , 2018, 122, 9110-9118.	2.6	54
78	The bacterial cytoskeleton: more than twisted filaments. <i>Current Opinion in Cell Biology</i> , 2013, 25, 125-133.	5.4	52
79	Nutrient transport suggests an evolutionary basis for charged archaeal surface layer proteins. <i>ISME Journal</i> , 2018, 12, 2389-2402.	9.8	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.	7.1	50
81	Data management challenges in three-dimensional EM. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 1203-1207.	8.2	49
82	Uncharacterized Bacterial Structures Revealed by Electron Cryotomography. <i>Journal of Bacteriology</i> , 2017, 199, .	2.2	49
83	Polyphosphate Storage during Sporulation in the Gram-Negative Bacterium <i>Acetonebacterium longum</i> . <i>Journal of Bacteriology</i> , 2013, 195, 3940-3946.	2.2	48
84	Novel ultrastructures of <i>Treponema primitia</i> and their implications for motility. <i>Molecular Microbiology</i> , 2008, 67, 1184-1195.	2.5	44
85	<i>In situ</i> imaging of the bacterial flagellar motor disassembly and assembly processes. <i>EMBO Journal</i> , 2019, 38, e100957.	7.8	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.	13.3	43
87	Ribosome-associated vesicles: A dynamic subcompartment of the endoplasmic reticulum in secretory cells. <i>Science Advances</i> , 2020, 6, eaay9572.	10.3	42
88	Alignment Error Envelopes for Single Particle Analysis. <i>Journal of Structural Biology</i> , 2001, 133, 143-155.	2.8	40
89	Dynamic Remodeling of the Magnetosome Membrane Is Triggered by the Initiation of Biomineralization. <i>MBio</i> , 2016, 7, e01898-15.	4.1	40
90	Starvation and recovery in the deep-sea methanotroph <i>Methyloprofundus sedentis</i> . <i>Molecular Microbiology</i> , 2017, 103, 242-252.	2.5	40

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91	De Novo Structural Pattern Mining in Cellular Electron Cryotomograms. <i>Structure</i> , 2019, 27, 679-691.e14.	3.3	40
92	Recombinantly expressed gas vesicles as nanoscale contrast agents for ultrasound and hyperpolarized MRI. <i>AIChE Journal</i> , 2018, 64, 2927-2933.	3.6	39
93	Activated chemoreceptor arrays remain intact and hexagonally packed. <i>Molecular Microbiology</i> , 2011, 82, 748-757.	2.5	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.	3.5	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.	7.1	38
96	Repurposing a chemosensory macromolecular machine. <i>Nature Communications</i> , 2020, 11, 2041.	12.8	38
97	ETDB-Caltech: A blockchain-based distributed public database for electron tomography. <i>PLoS ONE</i> , 2019, 14, e0215531.	2.5	37
98	The presence and absence of periplasmic rings in bacterial flagellar motors correlates with stator type. <i>ELife</i> , 2019, 8, .	6.0	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.	2.5	35
100	Morphology of the archaeellar motor and associated cytoplasmic cone in <i>Thermococcus kodakaraensis</i> . <i>EMBO Reports</i> , 2017, 18, 1660-1670.	4.5	34
101	Qualitative Analyses of Polishing and Precoating FIB Milled Crystals for MicroED. <i>Structure</i> , 2019, 27, 1594-1600.e2.	3.3	33
102	The Caltech Tomography Database and Automatic Processing Pipeline. <i>Journal of Structural Biology</i> , 2015, 192, 279-286.	2.8	32
103	Fusion of DARPIn to Aldolase Enables Visualization of Small Protein by Cryo-EM. <i>Structure</i> , 2019, 27, 1148-1155.e3.	3.3	32
104	Structure of the Bacterial Cellulose Ribbon and Its Assembly-Guiding Cytoskeleton by Electron Cryotomography. <i>Journal of Bacteriology</i> , 2021, 203, .	2.2	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.	3.9	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.	2.8	27
107	Visualizing insulin vesicle neighborhoods in $\beta^2$ cells by cryo-electron tomography. <i>Science Advances</i> , 2020, 6, .	10.3	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.	2.5	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.	3.0	25
110	FGF21 trafficking in intact human cells revealed by cryo-electron tomography with gold nanoparticles. <i>ELife</i> , 2019, 8, .	6.0	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, .	7.1	25
112	The stress-sensing domain of activated IRE1 $\beta$ forms helical filaments in narrow ER membrane tubes. <i>Science</i> , 2021, 374, 52-57.	12.6	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.	10.0	23
114	The Structure, Function and Roles of the Archaeal ESCRT Apparatus. <i>Sub-Cellular Biochemistry</i> , 2017, 84, 357-377.	2.4	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.	7.1	23
116	Direct visualization of vaults within intact cells by electron cryo-tomography. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 3401-3409.	5.4	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.	12.8	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.	7.1	20
119	Effects of antimicrobial photodynamic therapy on antibiotic-resistant <i>Escherichia coli</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 32, 102029.	2.6	20
120	Correlated cryogenic fluorescence microscopy and electron cryo-tomography shows that exogenous TRIM5 $\beta$ 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.	7.1	20
121	Measuring gas vesicle dimensions by electron microscopy. <i>Protein Science</i> , 2021, 30, 1081-1086.	7.6	20
122	Montage electron tomography of vitrified specimens. <i>Journal of Structural Biology</i> , 2022, 214, 107860.	2.8	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.	2.1	19
124	Bacterial Swarming Reduces <i>Proteus mirabilis</i> and <i>Vibrio parahaemolyticus</i> Cell Stiffness and Increases $\beta$ -Lactam Susceptibility. <i>MBio</i> , 2019, 10, .	4.1	17
125	In situ imaging of bacterial outer membrane projections and associated protein complexes using electron cryo-tomography. <i>ELife</i> , 2021, 10, .	6.0	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.	2.5	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.	2.8	14
128	Electron Cryotomography of Bacterial Secretion Systems. <i>Microbiology Spectrum</i> , 2019, 7, .	3.0	13
129	A cryo-electron tomography workflow reveals protrusion-mediated shedding on injured plasma membrane. <i>Science Advances</i> , 2021, 7, .	10.3	13
130	Simulations suggest a constrictive force is required for Gram-negative bacterial cell division. <i>Nature Communications</i> , 2019, 10, 1259.	12.8	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, .	2.2	10
132	Distinct Chemotaxis Protein Paralogs Assemble into Chemoreceptor Signaling Arrays To Coordinate Signaling Output. <i>MBio</i> , 2019, 10, .	4.1	10
133	Novel transient cytoplasmic rings stabilize assembling bacterial flagellar motors. <i>EMBO Journal</i> , 2022, 41, e109523.	7.8	10
134	Nanogold as a Specific Marker for Electron Cryotomography. <i>Microscopy and Microanalysis</i> , 2009, 15, 183-188.	0.4	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.	0.9	9
136	The development of cryo-EM and how it has advanced microbiology. <i>Nature Microbiology</i> , 2017, 2, 1577-1579.	13.3	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.	0.9	7
138	Programmed Flagellar Ejection in <i>Caulobacter crescentus</i> Leaves PL-subcomplexes. <i>Journal of Molecular Biology</i> , 2021, 433, 167004.	4.2	7
139	UVC inactivation of pathogenic samples suitable for cryo-EM analysis. <i>Communications Biology</i> , 2022, 5, 29.	4.4	7
140	Loss of the Bacterial Flagellar Motor Switch Complex upon Cell Lysis. <i>MBio</i> , 2021, 12, e0029821.	4.1	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, .	1.0	6
142	A bacterial membrane sculpting protein with BAR domain-like activity. <i>ELife</i> , 2021, 10, .	6.0	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, .	2.2	5

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145	Protein Filaments Caught in the Act. Science, 2009, 323, 472-473.	12.6	3
146	Coarse-Grained Molecular Dynamics Simulations of the Bacterial Cell Wall. Methods in Molecular Biology, 2016, 1440, 247-270.	0.9	3
147	Structure of Wild Type Yeast RNA Polymerase II and Location of RPB4 and RPB7. Microscopy and Microanalysis, 1998, 4, 972-973.	0.4	1
148	Author's reply. Nature Reviews Microbiology, 2016, 14, 600-600.	28.6	0
149	Photon-Induced Near-Field Electron Microscopy of Eukaryotic Cells. Angewandte Chemie, 2017, 129, 11656-11659.	2.0	0
150	Electron Cryotomography of Vitreous Cryosections and Cryo-Focused Ion Beam Milled Lamellae.. Microscopy and Microanalysis, 2017, 23, 2314-2315.	0.4	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. Acta Crystallographica Section D: Structural Biology, 2021, 77, 572-586.	2.3	0