Z Hong Zhou

List of Publications by Year
in descending order

169 papers	9,906 citations	31976 53 h-index	49909 87 g-index
189 all docs	189 docs citations	189 times ranked	11536 citing authors

#	Article	IF	Citations
1	Cryo-EM of full-length Î±-synuclein reveals fibril polymorphs with a common structural kernel. Nature Communications, 2018, 9, 3609.	12.8	468
2	A new class of highly potent, broadly neutralizing antibodies isolated from viremic patients infected with dengue virus. Nature Immunology, 2015, 16, 170-177.	14.5	415
3	Atomic Structure of Human Adenovirus by Cryo-EM Reveals Interactions Among Protein Networks. Science, 2010, 329, 1038-1043.	12.6	325
4	3.3 Ã... Cryo-EM Structure of a Nonenveloped Virus Reveals a Priming Mechanism for Cell Entry. Cell, 2010, 141, 472-482.	28.9	292
5	3.88â€‰Ã... structure of cytoplasmic polyhedrosis virus by cryo-electron microscopy. Nature, 2008, 453, 415-419.	27.8	257
6	Visualization of Tegument-Capsid Interactions and DNA in Intact Herpes Simplex Virus Type 1 Virions. Journal of Virology, 1999, 73, 3210-3218.	3.4	229
7	Atomic structure of anthrax protective antigen pore elucidates toxin translocation. Nature, 2015, 521, 545-549.	27.8	217
8	Cryo-EM Model of the Bullet-Shaped Vesicular Stomatitis Virus. Science, 2010, 327, 689-693.	12.6	205
9	Structure of the full-length TRPV2 channel by cryo-EM. Nature Communications, 2016, 7, 11130.	12.8	176
10	Conserved SMP domains of the ERMES complex bind phospholipids and mediate tether assembly. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3179-88.	7.1	174
11	Malaria parasite translocon structure and mechanism of effector export. Nature, 2018, 561, 70-75.	27.8	169
12	Towards atomic resolution structural determination by single-particle cryo-electron microscopy. Current Opinion in Structural Biology, 2008, 18, 218-228.	5.7	163
13	Atomic Structure of T6SS Reveals Interlaced Array Essential to Function. Cell, 2015, 160, 940-951.	28.9	155
14	Assembly of VP26 in herpes simplex virus-1 inferred from structures of wild-type and recombinant capsids. Nature Structural and Molecular Biology, 1995, 2, 1026-1030.	8.2	152
15	In situ structures of the genome and genome-delivery apparatus in a single-stranded RNA virus. Nature, 2017, 541, 112-116.	27.8	137
16	Differentiation and Characterization of Excitatory and Inhibitory Synapses by Cryo-electron Tomography and Correlative Microscopy. Journal of Neuroscience, 2018, 38, 1493-1510.	3.6	136
17	Atomic structures of a bactericidal contractile nanotube in its pre- and postcontraction states. Nature Structural and Molecular Biology, 2015, 22, 377-382.	8.2	134
18	Structure of Tetrahymena telomerase reveals previously unknown subunits, functions, and interactions. Science, 2015, 350, aab4070.	12.6	134

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19	Structure of the herpes simplex virus 1 capsid with associated tegument protein complexes. Science, 2018, 360, .	12.6	133
20	Structure of Telomerase with Telomeric DNA. Cell, 2018, 173, 1179-1190.e13.	28.9	124
21	Structures and operating principles of the replisome. Science, 2019, 363, .	12.6	119
22	Subnanometer-Resolution Structures of the Grass Carp Reovirus Core and Virion. Journal of Molecular Biology, 2008, 382, 213-222.	4.2	118
23	Structural basis of TRPV5 channel inhibition by econazole revealed by cryo-EM. Nature Structural and Molecular Biology, 2018, 25, 53-60.	8.2	114
24	A unified mechanism for intron and exon definition and back-splicing. Nature, 2019, 573, 375-380.	27.8	114
25	Hydrogen-bonding networks and RNA bases revealed by cryo electron microscopy suggest a triggering mechanism for calcium switches. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9637-9642.	7.1	111
26	Cryo-EM structures of herpes simplex virus type 1 portal vertex and packaged genome. Nature, 2019, 570, 257-261.	27.8	111
27	The architecture of Tetrahymena telomerase holoenzyme. Nature, 2013, 496, 187-192.	27.8	99
28	Bluetongue virus coat protein VP2 contains sialic acid-binding domains, and VP5 resembles enveloped virus fusion proteins. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6292-6297.	7.1	97
29	Atomic structure of the human cytomegalovirus capsid with its securing tegument layer of pp150. Science, 2017, 356, .	12.6	94
30	In situ structures of the segmented genome and RNA polymerase complex inside a dsRNA virus. Nature, 2015, 527, 531-534.	27.8	93
31	Atomic-level evidence for packing and positional amyloid polymorphism by segment from TDP-43 RRM2. Nature Structural and Molecular Biology, 2018, 25, 311-319.	8.2	89
32	IMIRS: a high-resolution 3D reconstruction package integrated with a relational image database. Journal of Structural Biology, 2002, 137, 292-304.	2.8	87
33	Structure of the yeast spliceosomal postcatalytic P complex. Science, 2017, 358, 1278-1283.	12.6	87
34	Encapsulation state of messenger RNA inside lipid nanoparticles. Biophysical Journal, 2021, 120, 2766-2770.	0.5	86
35	Backbone Model of an Aquareovirus Virion by Cryo-Electron Microscopy and Bioinformatics. Journal of Molecular Biology, 2010, 397, 852-863.	4.2	85
36	Different functional states of fusion protein gB revealed on human cytomegalovirus by cryo electron tomography with Volta phase plate. PLoS Pathogens, 2018, 14, e1007452.	4.7	80

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37	Bottom-up structural proteomics: cryoEM of protein complexes enriched from the cellular milieu. Nature Methods, 2020, 17, 79-85.	19.0	80
38	CryoEM structure of the human SLC4A4 sodium-coupled acid-base transporter NBCe1. Nature Communications, 2018, 9, 900.	12.8	78
39	Three-dimensional organization of nascent rod outer segment disk membranes. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14870-14875.	7.1	73
40	CryoEM structure of the Methanospirillum hungatei archaellum reveals structural features distinct from the bacterial flagellum and type IV pilus. Nature Microbiology, 2017, 2, 16222.	13.3	72
41	Conformation-Directed Formation of Self-Healing Diblock Copolypeptide Hydrogels via Polyion Complexation. Journal of the American Chemical Society, 2017, 139, 15114-15121.	13.7	72
42	Three-Dimensional Structure of the Human Herpesvirus 8 Capsid. Journal of Virology, 2000, 74, 9646-9654.	3.4	71
43	Lexis and Grammar of Mitochondrial RNA Processing in Trypanosomes. Trends in Parasitology, 2020, 36, 337-355.	3.3	71
44	Structures of the Human Pyruvate Dehydrogenase Complex Cores: A Highly Conserved Catalytic Center with Flexible N-Terminal Domains. Structure, 2008, 16, 104-114.	3.3	70
45	Atomic resolution cryo electron microscopy of macromolecular complexes. Advances in Protein Chemistry and Structural Biology, 2011, 82, 1-35.	2.3	70
46	Assembly and Architecture of the EBV B Cell Entry Triggering Complex. PLoS Pathogens, 2014, 10, e1004309.	4.7	68
47	Phenotypic and Physiological Characterization of the Epibiotic Interaction Between TM7x and Its Basibiont Actinomyces. Microbial Ecology, 2016, 71, 243-255.	2.8	68
48	Structure of the human ClC-1 chloride channel. PLoS Biology, 2019, 17, e3000218.	5.6	66
49	Molecular basis for CENP-N recognition of CENP-A nucleosome on the human kinetochore. Cell Research, 2018, 28, 374-378.	12.0	65
50	In situ structures of rotavirus polymerase in action and mechanism of mRNA transcription and release. Nature Communications, 2019, 10, 2216.	12.8	65
51	Cytoplasmic Polyhedrosis Virus Structure at 8 Ã... by Electron Cryomicroscopy. Structure, 2003, 11, 651-663.	3.3	64
52	Limiting factors in atomic resolution cryo electron microscopy: No simple tricks. Journal of Structural Biology, 2011, 175, 253-263.	2.8	63
53	Atomic Model of CPV Reveals the Mechanism Used by This Single-Shelled Virus to Economically Carry Out Functions Conserved in Multishelled Reoviruses. Structure, 2011, 19, 652-661.	3.3	61
54	Atomic structures of Coxsackievirus A6 and its complex with a neutralizing antibody. Nature Communications, 2017, 8, 505.	12.8	61

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55	Action of a minimal contractile bactericidal nanomachine. Nature, 2020, 580, 658-662.	27.8	61
56	Atomic Structures of Minor Proteins VI and VII in Human Adenovirus. Journal of Virology, 2017, 91, .	3.4	59
57	Crystal Structure of the Pre-fusion Nipah Virus Fusion Glycoprotein Reveals a Novel Hexamer-of-Trimers Assembly. PLoS Pathogens, 2015, 11, e1005322.	4.7	59
58	Long-lived photoinduced polaron formation in conjugated polyelectrolyte-fullerene assemblies. Science, 2015, 348, 1340-1343.	12.6	53
59	Architecture of the herpesvirus genome-packaging complex and implications for DNA translocation. Protein and Cell, 2020, 11, 339-351.	11.0	53
60	Mesophasic organization of GABAA receptors in hippocampal inhibitory synapses. Nature Neuroscience, 2020, 23, 1589-1596.	14.8	52
61	Electron Cryo-microscopy Structure of Ebola Virus Nucleoprotein Reveals a Mechanism for Nucleocapsid-like Assembly. Cell, 2018, 172, 966-978.e12.	28.9	51
62	Atomic model of a nonenveloped virus reveals pH sensors for a coordinated process of cell entry. Nature Structural and Molecular Biology, 2016, 23, 74-80.	8.2	50
63	Organization of Capsid-Associated Tegument Components in Kaposi's Sarcoma-Associated Herpesvirus. Journal of Virology, 2014, 88, 12694-12702.	3.4	49
64	Cross-neutralizing antibodies bind a SARS-CoV-2 cryptic site and resist circulating variants. Nature Communications, 2021, 12, 5652.	12.8	49
65	A new topology of the HK97-like fold revealed in Bordetella bacteriophage by cryoEM at 3.5 Ã... resolution. ELife, 2013, 2, e01299.	6.0	49
66	INF2-Mediated Severing through Actin Filament Encirclement and Disruption. Current Biology, 2014, 24, 156-164.	3.9	48
67	Structures and stabilization of kinetoplastid-specific split rRNAs revealed by comparing leishmanial and human ribosomes. Nature Communications, 2016, 7, 13223.	12.8	48
68	Biochemical and structural characterization of the capsid-bound tegument proteins of human cytomegalovirus. Journal of Structural Biology, 2011, 174, 451-460.	2.8	46
69	The Smallest Capsid Protein Mediates Binding of the Essential Tegument Protein pp150 to Stabilize DNA-Containing Capsids in Human Cytomegalovirus. PLoS Pathogens, 2013, 9, e1003525.	4.7	46
70	Association of Herpes Simplex Virus pU _L 31 with Capsid Vertices and Components of the Capsid Vertex-Specific Complex. Journal of Virology, 2014, 88, 3815-3825.	3.4	46
71	Cryo electron tomography with volta phase plate reveals novel structural foundations of the 96-nm axonemal repeat in the pathogen Trypanosoma brucei. ELife, 2019, 8, .	6.0	46
72	Cryo-EM reveals different coronin binding modes for ADPâ€“ and ADPâ€“BeFx actin filaments. Nature Structural and Molecular Biology, 2014, 21, 1075-1081.	8.2	45

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73	Discovery and Characterization of Iron Sulfide and Polyphosphate Bodies Coexisting inArchaeoglobus fulgidusCells. Archaea, 2016, 2016, 1-11.	2.3	45
74	De novo computational RNA modeling into cryo-EM maps of large ribonucleoprotein complexes. Nature Methods, 2018, 15, 947-954.	19.0	45
75	DNA-Packing Portal and Capsid-Associated Tegument Complexes in the Tumor Herpesvirus KSHV. Cell, 2019, 178, 1329-1343.e12.	28.9	45
76	Structure and mutagenesis reveal essential capsid protein interactions for KSHV replication. Nature, 2018, 553, 521-525.	27.8	44
77	Structures of telomerase at several steps of telomere repeat synthesis. Nature, 2021, 593, 454-459.	27.8	44
78	Structure of active human telomerase with telomere shelterin protein TPP1. Nature, 2022, 604, 578-583.	27.8	43
79	Symmetry-adapted spherical harmonics method for high-resolution 3D single-particle reconstructions. Journal of Structural Biology, 2008, 161, 64-73.	2.8	42
80	Three-Dimensional Structure of the Trypanosome Flagellum Suggests that the Paraflagellar Rod Functions as a Biomechanical Spring. PLoS ONE, 2012, 7, e25700.	2.5	42
81	F-Type Bacteriocins of Listeria monocytogenes: a New Class of Phage Tail-Like Structures Reveals Broad Parallel Coevolution between Tailed Bacteriophages and High-Molecular-Weight Bacteriocins. Journal of Bacteriology, 2016, 198, 2784-2793.	2.2	41
82	Structural basis for STAT2 suppression by flavivirus NS5. Nature Structural and Molecular Biology, 2020, 27, 875-885.	8.2	40
83	Monomeric ephrinB2 binding induces allosteric changes in Nipah virus G that precede its full activation. Nature Communications, 2017, 8, 781.	12.8	38
84	The epitope arrangement on flavivirus particles contributes to Mab C10â€™s extraordinary neutralization breadth across Zika and dengue viruses. Cell, 2021, 184, 6052-6066.e18.	28.9	38
85	Structural Comparisons of Empty and Full Cytoplasmic Polyhedrosis Virus. Journal of Biological Chemistry, 2003, 278, 1094-1100.	3.4	35
86	Direct Visualization of the Putative Portal in the Kaposi's Sarcoma-Associated Herpesvirus Capsid by Cryoelectron Tomography. Journal of Virology, 2007, 81, 3640-3644.	3.4	35
87	In situ structures of RNA-dependent RNA polymerase inside bluetongue virus before and after uncoating. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16535-16540.	7.1	34
88	Dissecting human cytomegalovirus gene function and capsid maturation by ribozyme targeting and electron cryomicroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 7103-7108.	7.1	33
89	Complete genome sequence of Methanospirillum hungatei type strain JF1. Standards in Genomic Sciences, 2016, 11, 2.	1.5	33
90	Membrane insertion ofâ€”and membrane potential sensing byâ€”semiconductor voltage nanosensors: Feasibility demonstration. Science Advances, 2018, 4, e1601453.	10.3	33

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91	Conservative transcription in three steps visualized in a double-stranded RNA virus. Nature Structural and Molecular Biology, 2019, 26, 1023-1034.	8.2	33
92	A putative ATPase mediates RNA transcription and capping in a dsRNA virus. ELife, 2015, 4, e07901.	6.0	33
93	CryoEM structures of Arabidopsis DDR complexes involved in RNA-directed DNA methylation. Nature Communications, 2019, 10, 3916.	12.8	31
94	Genome organization and interaction with capsid protein in a multipartite RNA virus. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10673-10680.	7.1	31
95	Structural basis for capsid recruitment and coat formation during HSV-1 nuclear egress. ELife, 2020, 9, .	6.0	30
96	Structure of Tetrahymena telomerase-bound CST with polymerase Î±-primase. Nature, 2022, 608, 813-818.	27.8	29
97	Three-Dimensional Structures of the A, B, and CCapsids of Rhesus Monkey Rhadinovirus: Insights into GammaherpesvirusCapsid Assembly, Maturation, and DNAPackaging. Journal of Virology, 2003, 77, 13182-13193.	3.4	28
98	Cumulative effects of the ApoE genotype and gender on the synaptic proteome and oxidative stress in the mouse brain. International Journal of Neuropsychopharmacology, 2014, 17, 1863-1879.	2.1	28
99	Atomic Structure of the E2 Inner Core of Human Pyruvate Dehydrogenase Complex. Biochemistry, 2018, 57, 2325-2334.	2.5	28
100	In Situ Structures of the Polymerase Complex and RNA Genome Show How Aquareovirus Transcription Machineries Respond to Uncoating. Journal of Virology, 2018, 92, .	3.4	28
101	Atomic structures of anthrax toxin protective antigen channels bound to partially unfolded lethal and edema factors. Nature Communications, 2020, 11, 840.	12.8	28
102	CryoEM and mutagenesis reveal that the smallest capsid protein cements and stabilizes Kaposi's sarcoma-associated herpesvirus capsid. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E649-56.	7.1	27
103	Inhibition of EBV-mediated membrane fusion by anti-gHgL antibodies. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8703-E8710.	7.1	27
104	Postsynaptic protein organization revealed by electron microscopy. Current Opinion in Structural Biology, 2019, 54, 152-160.	5.7	27
105	A pUL25 dimer interfaces the pseudorabies virus capsid and tegument. Journal of General Virology, 2017, 98, 2837-2849.	2.9	27
106	D-loop Dynamics and Near-Atomic-Resolution Cryo-EM Structure of Phalloidin-Bound F-Actin. Structure, 2020, 28, 586-593.e3.	3.3	26
107	Changes in plasma warfarin levels and variations in steady-state prothrombin times. Clinical Pharmacology and Therapeutics, 1995, 58, 588-593.	4.7	25
108	Tetrahymena Telomerase Holoenzyme Assembly, Activation, and Inhibition by Domains of the p50 Central Hub. Molecular and Cellular Biology, 2013, 33, 3962-3971.	2.3	25

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109	Correcting for the Ewald Sphere in High-Resolution Single-Particle Reconstructions. Methods in Enzymology, 2010, 482, 369-380.	1.0	24
110	Identification of Antibodies with Non-overlapping Neutralization Sites that Target Coxsackievirus A16. Cell Host and Microbe, 2020, 27, 249-261.e5.	11.0	24
111	Cryo-EM structure of the sodium-driven chloride/bicarbonate exchanger NDCBE. Nature Communications, 2021, 12, 5690.	12.8	24
112	Low cost, high performance GPU computing solution for atomic resolution cryoEM single-particle reconstruction. Journal of Structural Biology, 2010, 172, 400-406.	2.8	23
113	Atomic structure of the translation regulatory protein NS1 of bluetongue virus. Nature Microbiology, 2019, 4, 837-845.	13.3	23
114	Single Particle Electron Microscopy Analysis of the Bovine Anion Exchanger 1 Reveals a Flexible Linker Connecting the Cytoplasmic and Membrane Domains. PLoS ONE, 2013, 8, e55408.	2.5	21
115	Cryo-EM structure of the human Î±5Î²3 GABAA receptor. Cell Research, 2018, 28, 958-961.	12.0	21
116	Accumulation of Dense Core Vesicles in Hippocampal Synapses Following Chronic Inactivity. Frontiers in Neuroanatomy, 2018, 12, 48.	1.7	20
117	pH-dependent gating mechanism of the Helicobacter pylori urea channel revealed by cryo-EM. Science Advances, 2019, 5, eaav8423.	10.3	20
118	Asymmetric reconstruction of mammalian reovirus reveals interactions among RNA, transcriptional factor Âμ2 and capsid proteins. Nature Communications, 2021, 12, 4176.	12.8	20
119	Native structure of the RhopH complex, a key determinant of malaria parasite nutrient acquisition. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	20
120	Discovery and structural characterization of a therapeutic antibody against coxsackievirus A10. Science Advances, 2018, 4, eaat7459.	10.3	19
121	Cryo-EM structures reveal the molecular basis of receptor-initiated coxsackievirus uncoating. Cell Host and Microbe, 2021, 29, 448-462.e5.	11.0	19
122	Electron Tomography Reveals Polyhedrin Binding and Existence of both Empty and Full Cytoplasmic Polyhedrosis Virus Particles inside Infectious Polyhedra. Journal of Virology, 2011, 85, 6077-6081.	3.4	18
123	Structural basis of RNA conformational switching in the transcriptional regulator 7SK RNP. Molecular Cell, 2022, 82, 1724-1736.e7.	9.7	18
124	Structure, dynamics and assembly of the ankyrin complex on human red blood cell membrane. Nature Structural and Molecular Biology, 2022, 29, 698-705.	8.2	18
125	IRE1 Phosphatase PP2Ce Regulates Adaptive ER Stress Response in the Postpartum Mammary Gland. PLoS ONE, 2014, 9, e111606.	2.5	17
126	Four Levels of Hierarchical Organization, Including Noncovalent Chainmail, Brace the Mature Tumor Herpesvirus Capsid against Pressurization. Structure, 2014, 22, 1385-1398.	3.3	16

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127	Atomic structure of the human herpesvirus 6B capsid and capsid-associated tegument complexes. Nature Communications, 2019, 10, 5346.	12.8	16
128	Structure and Conductivity of Semiconducting Polymer Hydrogels. Journal of Physical Chemistry B, 2016, 120, 6215-6224.	2.6	14
129	Solution Structures of Engineered Vault Particles. Structure, 2018, 26, 619-626.e3.	3.3	14
130	Building atomic models based on near atomic resolution cryoEM maps with existing tools. Journal of Structural Biology, 2018, 204, 313-318.	2.8	14
131	Structures of capsid and capsid-associated tegument complex inside the Epsteinâ€“Barr virus. Nature Microbiology, 2020, 5, 1285-1298.	13.3	14
132	Bluetongue virus capsid protein VP5 perforates membranes at low endosomal pH during viral entry. Nature Microbiology, 2021, 6, 1424-1432.	13.3	14
133	Alanine 32 in PilA is important for PilA stability and type IV pili function in Myxococcus xanthus. Microbiology (United Kingdom), 2011, 157, 1920-1928.	1.8	13
134	Polypeptide-Based Gold Nanoshells for Photothermal Therapy. SLAS Technology, 2017, 22, 18-25.	1.9	13
135	Atomic structures and deletion mutant reveal different capsid-binding patterns and functional significance of tegument protein pp150 in murine and human cytomegaloviruses with implications for therapeutic development. PLoS Pathogens, 2019, 15, e1007615.	4.7	13
136	Structure of human cytomegalovirus virion reveals host tRNA binding to capsid-associated tegument protein pp150. Nature Communications, 2021, 12, 5513.	12.8	13
137	Ultrastructural analysis of neuronal synapses using state-of-the-art nano-imaging techniques. Neuroscience Bulletin, 2012, 28, 321-332.	2.9	12
138	An efficient protocol of cryo-correlative light and electron microscopy for the study of neuronal synapses. Biophysics Reports, 2019, 5, 111-122.	0.8	12
139	Structure of the trypanosome paraflagellar rod and insights into non-planar motility of eukaryotic cells. Cell Discovery, 2021, 7, 51.	6.7	12
140	Purification of Herpesvirus Virions and Capsids. Bio-protocol, 2014, 4, .	0.4	12
141	Engineering A11 Minibody-Conjugated, Polypeptide-Based Gold Nanoshells for Prostate Stem Cell Antigen (PSCA)â€“Targeted Photothermal Therapy. SLAS Technology, 2017, 22, 26-35.	1.9	11
142	Molecular Interactions and Viral Stability Revealed by Structural Analyses of Chemically Treated Cypovirus Capsids. Virology, 2002, 298, 45-52.	2.4	10
143	A Calcium Sensor Discovered in Bluetongue Virus Nonstructural Protein 2 Is Critical for Virus Replication. Journal of Virology, 2020, 94, .	3.4	10
144	LETTER TO THE EDITOR: Confidence Interval Estimates of an Index of Quality Performance Based on Logistic Regression Models, by David W. Hosmer and Stanley Lemeshow,Statistics in Medicine,14, 2161-2172 (1995). Statistics in Medicine, 1997, 16, 1301-1303.	1.6	9

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145	Protein identification from electron cryomicroscopy maps by automated model building and side-chain matching. Acta Crystallographica Section D: Structural Biology, 2021, 77, 457-462.	2.3	9
146	Protein chainmail variants in dsDNA viruses. AIMS Biophysics, 2015, 2, 200-218.	0.6	9
147	Structures of viral membrane proteins by high-resolution cryoEM. Current Opinion in Virology, 2014, 5, 111-119.	5.4	8
148	Chaperone fusion proteins aid entropy-driven maturation of class II viral fusion proteins. Trends in Microbiology, 2014, 22, 100-106.	7.7	8
149	Atomic Structures of Anthrax Prechannel Bound with Full-Length Lethal and Edema Factors. Structure, 2020, 28, 879-887.e3.	3.3	8
150	Protein interactions in the murine cytomegalovirus capsid revealed by cryoEM. Protein and Cell, 2013, 4, 833-845.	11.0	7
151	Near-atomic cryo-electron microscopy structures of varicella-zoster virus capsids. Nature Microbiology, 2020, 5, 1542-1552.	13.3	7
152	Atomic Structure of the Francisella T6SS Central Spike Reveals a Unique Î±-Helical Lid and a Putative Cargo. Structure, 2019, 27, 1811-1819.e6.	3.3	6
153	Biphasic exocytosis of herpesvirus from hippocampal neurons and mechanistic implication to membrane fusion. Cell Discovery, 2020, 6, 2.	6.7	6
154	Atomic Structure of the Trichomonas vaginalis Double-Stranded RNA Virus 2. MBio, 2021, 12, .	4.1	6
155	Multiple conformations of trimeric spikes visualized on a non-enveloped virus. Nature Communications, 2022, 13, 550.	12.8	6
156	Locations and in situ structure of the polymerase complex inside the virion of vesicular stomatitis virus. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2111948119.	7.1	6
157	Single particle analysis integrated with microscopy: A high-throughput approach for reconstructing icosahedral particles. Journal of Structural Biology, 2014, 186, 8-18.	2.8	4
158	Atomic Structure of Bordetella Bacteriophage Reveals a Jellyroll Fold in Cement Protein and a Topologically Distinct HK97-like Fold in Major Capsid Protein. Microscopy and Microanalysis, 2012, 18, 72-73.	0.4	2
159	Seeing Engineered Loops in a Gene Delivery Vehicle by cryoEM. Structure, 2012, 20, 1286-1288.	3.3	2
160	Identification and architecture of a putative secretion tube across mycobacterial outer envelope. Science Advances, 2021, 7, .	10.3	2
161	On The Unique Structural Organization of the Saccharomyces Cerevisiae Pyruvate Dehydrogenase Complex. Microscopy and Microanalysis, 1998, 4, 954-955.	0.4	1
162	Assembly of Vesicular Stomatitis Virus. , 2011, , 175-191.		1

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163	In situ Structure of Viral RNA by Cryo Electron Tomography with Volta Phase Plate, Energy Filtering and Direct Electron Counting. Microscopy and Microanalysis, 2016, 22, 74-75.	0.4	1
164	Structure and Assembly of Human Herpesviruses: New Insights From Cryo-Electron Microscopy and Tomography. , 2008, , 483-516.		1
165	Database Integration and the Web Portal Development for the IMIRS 3D Reconstruction Package. Microscopy and Microanalysis, 2003, 9, 964-965.	0.4	0
166	Drug Delivery: Vaults Engineered for Hydrophobic Drug Delivery (Small 10/2011). Small, 2011, 7, 1431-1431.	10.0	0
167	Structure of the Full-Length TRPV2 Channel by Cryo-EM. Microscopy and Microanalysis, 2016, 22, 1118-1119.	0.4	0
168	Structural Basis for Capsid Recruitment and Coat Formation during HSV-1 Nuclear Egress. Proceedings (mdpi), 2020, 50, 101.	0.2	0
169	Electron microscopy and threeâ€dimensional (3D) reconstruction of fullâ€length anion exchanger 1 (AE1). FASEB Journal, 2010, 24, 1002.1.	0.5	0