

# Wah Chiu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

348  
papers

21,480  
citations

75  
h-index

134  
g-index

403  
ext. papers

24,836  
ext. citations

10.1  
avg, IF

6.65  
L-index

#	Paper	IF	Citations
348	Capturing the swelling of solid-electrolyte interphase in lithium metal batteries.. <i>Science</i> , <b>2022</b> , 375, 66-70	39.3	40
347	Cryo-EM, Protein Engineering, and Simulation Enable the Development of Peptide Therapeutics against Acute Myeloid Leukemia.. <i>ACS Central Science</i> , <b>2022</b> , 8, 214-222	16.8	1
346	Cryo-EM analysis of Ebola virus nucleocapsid-like assembly.. <i>STAR Protocols</i> , <b>2022</b> , 3, 101030	1.4	
345	Electron crystallography of chiral and non-chiral small molecules. <i>Ultramicroscopy</i> , <b>2022</b> , 232, 113417	3.1	
344	Methods and Applications of Campenot Trichamber Neuronal Cultures for the Study of Neuroinvasive Viruses.. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2431, 181-206	1.4	1
343	Mapping the catalytic conformations of an assembly-line polyketide synthase module. <i>Science</i> , <b>2021</b> , 374, 729-734	33.3	8
342	Altered Cardiac Energetics and Mitochondrial Dysfunction in Hypertrophic Cardiomyopathy. <i>Circulation</i> , <b>2021</b> , 144, 1714-1731	16.7	11
341	Structural analyses of an RNA stability element interacting with poly(A). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	6
340	Structural and functional dissection of reovirus capsid folding and assembly by the prefoldin-TRiC/CCT chaperone network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	4
339	RNA nanotechnology to build a dodecahedral genome of single-stranded RNA virus. <i>RNA Biology</i> , <b>2021</b> , 18, 2390-2400	4.8	4
338	REMBI: Recommended Metadata for Biological Images-enabling reuse of microscopy data in biology. <i>Nature Methods</i> , <b>2021</b> , 18, 1418-1422	21.6	16
337	Regulation of reversible conformational change, size switching, and immunomodulation of RNA nanocubes. <i>Rna</i> , <b>2021</b> , 27, 971-980	5.8	1
336	Explore the complexity of proteins with an expanded CryoET data processing pipeline. <i>Microscopy and Microanalysis</i> , <b>2021</b> , 27, 2816-2817	0.5	
335	CryoEM Map-Model Scores: From Average Density to Q-scores. <i>Microscopy and Microanalysis</i> , <b>2021</b> , 27, 1382-1384	0.5	
334	Cathode-Electrolyte Interphase in Lithium Batteries Revealed by Cryogenic Electron Microscopy. <i>Matter</i> , <b>2021</b> , 4, 302-312	12.7	57
333	Three-Dimensional Analysis of Particle Distribution on Filter Layers inside N95 Respirators by Deep Learning. <i>Nano Letters</i> , <b>2021</b> , 21, 651-657	11.5	23
332	The N-terminus of varicella-zoster virus glycoprotein B has a functional role in fusion. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1008961	7.6	4

331	A Single Immunization with Spike-Functionalized Ferritin Vaccines Elicits Neutralizing Antibody Responses against SARS-CoV-2 in Mice. <i>ACS Central Science</i> , <b>2021</b> , 7, 183-199	16.8	60
330	Cryo-Electron Microscopy (CEM) Structures of Viruses <b>2021</b> , 233-241		
329	Evolution of standardization and dissemination of cryo-EM structures and data jointly by the community, PDB, and EMD. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 296, 100560	5.4	4
328	Cryo-EM model validation recommendations based on outcomes of the 2019 EMDataResource challenge. <i>Nature Methods</i> , <b>2021</b> , 18, 156-164	21.6	22
327	Cryogenic Electron Microscopy for Energy Materials. <i>Accounts of Chemical Research</i> , <b>2021</b> , 54, 3505-3517	24.3	9
326	Cryo-electron tomography provides topological insights into mutant huntingtin exon 1 and polyQ aggregates. <i>Communications Biology</i> , <b>2021</b> , 4, 849	6.7	1
325	Resolve cathode electrolyte interphase in lithium batteries with cryo-EM. <i>Microscopy and Microanalysis</i> , <b>2021</b> , 27, 2188-2190	0.5	
324	High Resolution Data Collection at S2C2, a National CryoEM Center. <i>Microscopy and Microanalysis</i> , <b>2021</b> , 27, 1152-1154	0.5	
323	Validation, analysis and annotation of cryo-EM structures. <i>Acta Crystallographica Section D: Structural Biology</i> , <b>2021</b> , 77, 1142-1152	5.5	0
322	CryoEM reveals the stochastic nature of individual ATP binding events in a group II chaperonin. <i>Nature Communications</i> , <b>2021</b> , 12, 4754	17.4	1
321	Cryo-EM and antisense targeting of the 28-kDa frameshift stimulation element from the SARS-CoV-2 RNA genome. <i>Nature Structural and Molecular Biology</i> , <b>2021</b> , 28, 747-754	17.6	23
320	Cryo-EM structures of full-length Tetrahymena ribozyme at 3.1Å resolution. <i>Nature</i> , <b>2021</b> , 596, 603-607	50.4	16
319	Rapid prototyping of arbitrary 2D and 3D wireframe DNA origami. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 10265-10274	25.1	9
318	Target highlights in CASP14: Analysis of models by structure providers. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2021</b> , 89, 1647-1672	4.2	7
317	The N-terminus of varicella-zoster virus glycoprotein B has a functional role in fusion <b>2021</b> , 17, e1008961		
316	The N-terminus of varicella-zoster virus glycoprotein B has a functional role in fusion <b>2021</b> , 17, e1008961		
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314	The N-terminus of varicella-zoster virus glycoprotein B has a functional role in fusion <b>2021</b> , 17, e1008961		

313	Sub-ångström-resolution MicroED Using a Direct Detection Camera. <i>Microscopy and Microanalysis</i> , <b>2020</b> , 26, 1524-1526	0.5	
312	Cryogenic single-molecule fluorescence annotations for electron tomography reveal in situ organization of key proteins in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 13937-13944	11.5	37
311	Cryo-EM structures of NPC1L1 reveal mechanisms of cholesterol transport and ezetimibe inhibition. <i>Science Advances</i> , <b>2020</b> , 6, eabb1989	14.3	18
310	Cryo-EM Structures of Human Drosha and DGCR8 in Complex with Primary MicroRNA. <i>Molecular Cell</i> , <b>2020</b> , 78, 411-422.e4	17.6	32
309	Accelerated cryo-EM-guided determination of three-dimensional RNA-only structures. <i>Nature Methods</i> , <b>2020</b> , 17, 699-707	21.6	46
308	Structure of the G protein chaperone and guanine nucleotide exchange factor Ric-8A bound to Gβ1. <i>Nature Communications</i> , <b>2020</b> , 11, 1077	17.4	5
307	Arrangement of the Polymerase Complexes inside a Nine-Segmented dsRNA Virus. <i>Structure</i> , <b>2020</b> , 28, 604-612.e3	5.2	4
306	Ultra-thermostable RNA nanoparticles for solubilizing and high-yield loading of paclitaxel for breast cancer therapy. <i>Nature Communications</i> , <b>2020</b> , 11, 972	17.4	49
305	Measurement of atom resolvability in cryo-EM maps with Q-scores. <i>Nature Methods</i> , <b>2020</b> , 17, 328-334	21.6	70
304	TrkA undergoes a tetramer-to-dimer conversion to open TrkH which enables changes in membrane potential. <i>Nature Communications</i> , <b>2020</b> , 11, 547	17.4	5
303	Cryogenic Correlative Single-Particle Photoluminescence Spectroscopy and Electron Tomography for Investigation of Nanomaterials. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 15642-15648	16.4	5
302	Evolving data standards for cryo-EM structures. <i>Structural Dynamics</i> , <b>2020</b> , 7, 014701	3.2	16
301	Cryo-electron Microscopy and Exploratory Antisense Targeting of the 28-kDa Frameshift Stimulation Element from the SARS-CoV-2 RNA Genome <b>2020</b> ,		26
300	A single immunization with spike-functionalized ferritin vaccines elicits neutralizing antibody responses against SARS-CoV-2 in mice <b>2020</b> ,		14
299	Cryo-EM and MD infer water-mediated proton transport and autoinhibition mechanisms of V complex. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	22
298	Full-length three-dimensional structure of the influenza A virus M1 protein and its organization into a matrix layer. <i>PLoS Biology</i> , <b>2020</b> , 18, e3000827	9.7	7
297	Cryogenic Correlative Single-Particle Photoluminescence Spectroscopy and Electron Tomography for Investigation of Nanomaterials. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 15772-15778	3.6	0
296	Opportunities for Cryogenic Electron Microscopy in Materials Science and Nanoscience. <i>ACS Nano</i> , <b>2020</b> , 14, 9263-9276	16.7	26

295	Multi-scale 3D Cryo-Correlative Microscopy for Vitrified Cells. <i>Structure</i> , <b>2020</b> , 28, 1231-1237.e3	5.2	25
294	3D RNA nanocage for encapsulation and shielding of hydrophobic biomolecules to improve the biodistribution. <i>Nano Research</i> , <b>2020</b> , 13, 3241-3247	10	1
293	Unique cellular protrusions mediate breast cancer cell migration by tethering to osteogenic cells. <i>Npj Breast Cancer</i> , <b>2020</b> , 6, 42	7.8	6
292	Decontamination of SARS-CoV-2 and Other RNA Viruses from N95 Level Meltblown Polypropylene Fabric Using Heat under Different Humidities. <i>ACS Nano</i> , <b>2020</b> , 14, 14017-14025	16.7	42
291	A glycoprotein B-neutralizing antibody structure at 2.8 Å uncovers a critical domain for herpesvirus fusion initiation. <i>Nature Communications</i> , <b>2020</b> , 11, 4141	17.4	11
290	A 3.4-Å cryo-electron microscopy structure of the human coronavirus spike trimer computationally derived from vitrified NL63 virus particles. <i>QRB Discovery</i> , <b>2020</b> , 1, e11	2.7	2
289	Resolving individual atoms of protein complex by cryo-electron microscopy. <i>Cell Research</i> , <b>2020</b> , 30, 1136-1139.e4	11.5	24
288	Inhibition mechanisms of AcrF9, AcrF8, and AcrF6 against type I-F CRISPR-Cas complex revealed by cryo-EM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 7176-7182 <sup>17</sup>	11.5	17
287	Full-length three-dimensional structure of the influenza A virus M1 protein and its organization into a matrix layer <b>2020</b> , 18, e3000827		
286	Full-length three-dimensional structure of the influenza A virus M1 protein and its organization into a matrix layer <b>2020</b> , 18, e3000827		
285	Full-length three-dimensional structure of the influenza A virus M1 protein and its organization into a matrix layer <b>2020</b> , 18, e3000827		
284	Full-length three-dimensional structure of the influenza A virus M1 protein and its organization into a matrix layer <b>2020</b> , 18, e3000827		
283	Cryo-EM Study of Chaperonin Mm-CpnB Conformational Heterogeneity under Different ATP Conditions. <i>Microscopy and Microanalysis</i> , <b>2019</b> , 25, 1006-1007	0.5	1
282	Unravelling Atomic Structure and Degradation Mechanisms of Organic-Inorganic Halide Perovskites by Cryo-EM. <i>Joule</i> , <b>2019</b> , 3, 2854-2866	27.8	69
281	Segmentation and Comparative Modeling in an 8.6-Å Cryo-EM Map of the Singapore Grouper Iridovirus. <i>Structure</i> , <b>2019</b> , 27, 1561-1569.e4	5.2	6
280	Cryo-EM structures of atomic surfaces and host-guest chemistry in metal-organic frameworks. <i>Matter</i> , <b>2019</b> , 1, 428-438	12.7	59
279	Cryo-EM structures of vacuolating cytotoxin A oligomeric assemblies at near-atomic resolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 6800-6805	11.5	20
278	Coupling of ssRNA cleavage with DNase activity in type III-A CRISPR-Csm revealed by cryo-EM and biochemistry. <i>Cell Research</i> , <b>2019</b> , 29, 305-312	24.7	18

277	The Chaperonin TRiC/CCT Associates with Prefoldin through a Conserved Electrostatic Interface Essential for Cellular Proteostasis. <i>Cell</i> , <b>2019</b> , 177, 751-765.e15	56.2	35
276	Redox Engineering of Cytochrome c using DNA Nanostructure-Based Charged Encapsulation and Spatial Control. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 13874-13880	9.5	17
275	Stanford-SLAC Cryo-EM Center (S2C2). <i>Microscopy and Microanalysis</i> , <b>2019</b> , 25, 2658-2659	0.5	
274	Cryo-electron microscopy targets in CASP13: Overview and evaluation of results. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2019</b> , 87, 1128-1140	4.2	13
273	Structural basis of amino acid surveillance by higher-order tRNA-mRNA interactions. <i>Nature Structural and Molecular Biology</i> , <b>2019</b> , 26, 1094-1105	17.6	29
272	Cryo-EM structure of a 40kDa SAM-IV riboswitch RNA at 3.7 Å resolution. <i>Nature Communications</i> , <b>2019</b> , 10, 5511	17.4	48
271	Photo-controlled release of paclitaxel and model drugs from RNA pyramids. <i>Nano Research</i> , <b>2019</b> , 12, 41-48	10	24
270	Structure of Calcarisporiella thermophila Hsp104 Disaggregase that Antagonizes Diverse Proteotoxic Misfolding Events. <i>Structure</i> , <b>2019</b> , 27, 449-463.e7	5.2	22
269	Structures of TRPV2 in distinct conformations provide insight into role of the pore turret. <i>Nature Structural and Molecular Biology</i> , <b>2019</b> , 26, 40-49	17.6	30
268	Automated Sequence Design of 3D Polyhedral Wireframe DNA Origami with Honeycomb Edges. <i>ACS Nano</i> , <b>2019</b> , 13, 2083-2093	16.7	47
267	Electron Cryo-microscopy Structure of Ebola Virus Nucleoprotein Reveals a Mechanism for Nucleocapsid-like Assembly. <i>Cell</i> , <b>2018</b> , 172, 966-978.e12	56.2	39
266	The 3.5-Å CryoEM Structure of Nanodisc-Reconstituted Yeast Vacuolar ATPase V Proton Channel. <i>Molecular Cell</i> , <b>2018</b> , 69, 993-1004.e3	17.6	68
265	Structure of the 30kDa HIV-1 RNA Dimerization Signal by a Hybrid Cryo-EM, NMR, and Molecular Dynamics Approach. <i>Structure</i> , <b>2018</b> , 26, 490-498.e3	5.2	43
264	Evaluation system and web infrastructure for the second cryo-EM model challenge. <i>Journal of Structural Biology</i> , <b>2018</b> , 204, 96-108	3.4	9
263	The first single particle analysis Map Challenge: A summary of the assessments. <i>Journal of Structural Biology</i> , <b>2018</b> , 204, 291-300	3.4	11
262	Neutralizing Antibodies Inhibit Chikungunya Virus Budding at the Plasma Membrane. <i>Cell Host and Microbe</i> , <b>2018</b> , 24, 417-428.e5	23.4	33
261	Visualizing Individual RuBisCO and Its Assembly into Carboxysomes in Marine Cyanobacteria by Cryo-Electron Tomography. <i>Journal of Molecular Biology</i> , <b>2018</b> , 430, 4156-4167	6.5	24
260	Flagellum couples cell shape to motility in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E5916-E5925	11.5	17

259	Purification of AcrAB-TolC Multidrug Efflux Pump for Cryo-EM Analysis. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1700, 71-81	1.4	
258	Novel Insect-Specific Eilat Virus-Based Chimeric Vaccine Candidates Provide Durable, Mono- and Multivalent, Single-Dose Protection against Lethal Alphavirus Challenge. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	25
257	Distribution of evaluation scores for the models submitted to the second cryo-EM model challenge. <i>Data in Brief</i> , <b>2018</b> , 20, 1629-1638	1.2	4
256	Machining protein microcrystals for structure determination by electron diffraction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 9569-9573	11.5	48
255	GENFIRE: from Precisely Localizing Single Atoms in Materials to High Resolution 3D Imaging of Cellular Structures. <i>Microscopy and Microanalysis</i> , <b>2018</b> , 24, 1446-1447	0.5	
254	Programming molecular topologies from single-stranded nucleic acids. <i>Nature Communications</i> , <b>2018</b> , 9, 4579	17.4	29
253	Assessment of structural features in Cryo-EM density maps using SSE and side chain Z-scores. <i>Journal of Structural Biology</i> , <b>2018</b> , 204, 564-571	3.4	17
252	Accurate model annotation of a near-atomic resolution cryo-EM map. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 3103-3108	11.5	92
251	Visualizing Adsorption of Cyanophage P-SSP7 onto Marine Prochlorococcus. <i>Scientific Reports</i> , <b>2017</b> , 7, 44176	4.9	15
250	SuRVoS: Super-Region Volume Segmentation workbench. <i>Journal of Structural Biology</i> , <b>2017</b> , 198, 43-53	3.4	47
249	A chikungunya fever vaccine utilizing an insect-specific virus platform. <i>Nature Medicine</i> , <b>2017</b> , 23, 192-199	0.5	71
248	Programmable Supra-Assembly of a DNA Surface Adapter for Tunable Chiral Directional Self-Assembly of Gold Nanorods. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 14632-14636	16.4	53
247	Programmable Supra-Assembly of a DNA Surface Adapter for Tunable Chiral Directional Self-Assembly of Gold Nanorods. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 14824-14828	3.6	12
246	Responses to "Atomic resolution" a badly abused term in structural biology. <i>Acta Crystallographica Section D: Structural Biology</i> , <b>2017</b> , 73, 381-383	5.5	5
245	Structural and Functional Impacts of ER Coactivator Sequential Recruitment. <i>Molecular Cell</i> , <b>2017</b> , 67, 733-743.e4	17.6	45
244	Convolutional neural networks for automated annotation of cellular cryo-electron tomograms. <i>Nature Methods</i> , <b>2017</b> , 14, 983-985	21.6	155
243	GENFIRE: A generalized Fourier iterative reconstruction algorithm for high-resolution 3D imaging. <i>Scientific Reports</i> , <b>2017</b> , 7, 10409	4.9	49
242	Subunit conformational variation within individual GroEL oligomers resolved by Cryo-EM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 8259-8264	11.5	49

241	Electron Cryomicroscopy of Viruses at Near-Atomic Resolutions. <i>Annual Review of Virology</i> , <b>2017</b> , 4, 287-308	14	14
240	Influence of DNA sequence on the structure of minicircles under torsional stress. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, 7633-7642	20.1	23
239	Going Deeper in Cryo Electron Tomography with Neural Networks. <i>Microscopy and Microanalysis</i> , <b>2017</b> , 23, 814-815	0.5	
238	An allosteric transport mechanism for the AcrAB-TolC multidrug efflux pump. <i>ELife</i> , <b>2017</b> , 6,	8.9	121
237	Organelle changes in a Huntington <sup>B</sup> disease model using cryogenic soft x-ray tomography <b>2016</b> , 284-285		
236	Fabrication of RNA 3D Nanoprisms for Loading and Protection of Small RNAs and Model Drugs. <i>Advanced Materials</i> , <b>2016</b> , 28, 10079-10087	24	43
235	Chaperonin TRiC/CCT Recognizes Fusion Oncoprotein AML1-ETO through Subunit-Specific Interactions. <i>Biophysical Journal</i> , <b>2016</b> , 110, 2377-2385	2.9	8
234	Resolution and Probabilistic Models of Components in CryoEM Maps of Mature P22 Bacteriophage. <i>Biophysical Journal</i> , <b>2016</b> , 110, 827-39	2.9	28
233	EMDataBank unified data resource for 3DEM. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, D396-403	20.1	113
232	The Electron Microscopy eXchange (EMX) initiative. <i>Journal of Structural Biology</i> , <b>2016</b> , 194, 156-63	3.4	11
231	Computational Tools to Improve Visualization by Cryo-Electron Tomography. <i>Biophysical Journal</i> , <b>2016</b> , 110, 159a	2.9	2
230	Chaperonin TRiC/CCT Modulates the Folding and Activity of Leukemogenic Fusion Oncoprotein AML1-ETO. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 4732-41	5.4	19
229	Control of the structural landscape and neuronal proteotoxicity of mutant Huntingtin by domains flanking the polyQ tract. <i>ELife</i> , <b>2016</b> , 5,	8.9	41
228	Controllable Self-Assembly of RNA Tetrahedrons with Precise Shape and Size for Cancer Targeting. <i>Advanced Materials</i> , <b>2016</b> , 28, 7501-7	24	51
227	Quantifying Variability of Manual Annotation in Cryo-Electron Tomograms. <i>Microscopy and Microanalysis</i> , <b>2016</b> , 22, 487-96	0.5	14
226	Designer nanoscale DNA assemblies programmed from the top down. <i>Science</i> , <b>2016</b> , 352, 1534	33.3	370
225	Alignment algorithms and per-particle CTF correction for single particle cryo-electron tomography. <i>Journal of Structural Biology</i> , <b>2016</b> , 194, 383-94	3.4	35
224	TRiC subunits enhance BDNF axonal transport and rescue striatal atrophy in Huntington <sup>B</sup> disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E5655-64	11.5	53

223	Visualizing red blood cell sickling and the effects of inhibition of sphingosine kinase 1 using soft X-ray tomography. <i>Journal of Cell Science</i> , <b>2016</b> , 129, 3511-7	5.3	16
222	Structure of a biologically active estrogen receptor-coactivator complex on DNA. <i>Molecular Cell</i> , <b>2015</b> , 57, 1047-1058	17.6	103
221	Lemon-shaped halo archaeal virus His1 with uniform tail but variable capsid structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 2449-54	11.5	32
220	An Intrinsically Disordered Peptide from Ebola Virus VP35 Controls Viral RNA Synthesis by Modulating Nucleoprotein-RNA Interactions. <i>Cell Reports</i> , <b>2015</b> , 11, 376-89	10.6	106
219	Structural Mechanisms of Mutant Huntingtin Aggregation Suppression by the Synthetic Chaperonin-like CCT5 Complex Explained by Cryoelectron Tomography. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 17451-61	5.4	25
218	Outcome of the First wwPDB Hybrid/Integrative Methods Task Force Workshop. <i>Structure</i> , <b>2015</b> , 23, 1156-67	5.2	131
217	CTF Challenge: Result summary. <i>Journal of Structural Biology</i> , <b>2015</b> , 190, 348-59	3.4	29
216	Gating machinery of InsP3R channels revealed by electron cryomicroscopy. <i>Nature</i> , <b>2015</b> , 527, 336-41	50.4	159
215	Structural diversity of supercoiled DNA. <i>Nature Communications</i> , <b>2015</b> , 6, 8440	17.4	89
214	Improved Peak Detection and Deconvolution of Native Electrospray Mass Spectra from Large Protein Complexes. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2015</b> , 26, 2141-51	3.5	45
213	The pseudo-atomic structure of an RND-type tripartite multidrug efflux pump. <i>Biological Chemistry</i> , <b>2015</b> , 396, 1073-82	4.5	7
212	A newly isolated reovirus has the simplest genomic and structural organization of any reovirus. <i>Journal of Virology</i> , <b>2015</b> , 89, 676-87	6.6	42
211	Contribution of the Type II Chaperonin, TRiC/CCT, to Oncogenesis. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 26706-20	6.3	46
210	Modeling Protein Structure in Macromolecular Assemblies at Near Atomic Resolutions. <i>Microscopy and Microanalysis</i> , <b>2015</b> , 21, 541-542	0.5	
209	IP3R1 - Assessing Map Interpretability at Near Atomic Resolution. <i>Microscopy and Microanalysis</i> , <b>2015</b> , 21, 543-544	0.5	
208	Zernike Phase Plate Configuration at Intermediate Lens Position on JEM2200FS. <i>Microscopy and Microanalysis</i> , <b>2015</b> , 21, 2143-2144	0.5	0
207	Optimization of JEM2200FS for Zernike Phase Contrast Cryo-EM. <i>Microscopy and Microanalysis</i> , <b>2015</b> , 21, 1577-1578	0.5	0
206	Electron cryotomography reveals ultrastructure alterations in platelets from patients with ovarian cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 14266-71	11.5	41

205	Structure of the AcrAB-TolC multidrug efflux pump. <i>Nature</i> , <b>2014</b> , 509, 512-5	50.4	401
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54	Mechanism of scaffolding-directed virus assembly suggested by comparison of scaffolding-containing and scaffolding-lacking P22 procapsids. <i>Biophysical Journal</i> , <b>1999</b> , 76, 3267-77	2.9	57
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5	The N-terminus of varicella-zoster virus glycoprotein B has a functional role in fusion		1
4	Multi-Scale 3D Cryo-Correlative Microscopy for Vitrified Cells		2
3	Resolving Individual-Atom of Protein Complex using Commonly Available 300-kV Cryo-electron Microscopes		2
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