

Z H Zhou

List of Publications by Year in descending order

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39
papers

3,561
citations

136740

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docs citations

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times ranked

3547
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomic Structure of Human Adenovirus by Cryo-EM Reveals Interactions Among Protein Networks. <i>Science</i> , 2010, 329, 1038-1043.	6.0	325
2	Seeing the Herpesvirus Capsid at 8.5Å. <i>Science</i> , 2000, 288, 877-880.	6.0	298
3	Visualization of Tegument-Capsid Interactions and DNA in Intact Herpes Simplex Virus Type 1 Virions. <i>Journal of Virology</i> , 1999, 73, 3210-3218.	1.5	229
4	Cryo-EM Model of the Bullet-Shaped Vesicular Stomatitis Virus. <i>Science</i> , 2010, 327, 689-693.	6.0	205
5	The remarkable structural and functional organization of the eukaryotic pyruvate dehydrogenase complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 14802-14807.	3.3	201
6	Protein Subunit Structures in the Herpes Simplex Virus A-capsid Determined from 400 kV Spot-scan Electron Cryomicroscopy. <i>Journal of Molecular Biology</i> , 1994, 242, 456-469.	2.0	187
7	Assembly of VP26 in herpes simplex virus-1 inferred from structures of wild-type and recombinant capsids. <i>Nature Structural and Molecular Biology</i> , 1995, 2, 1026-1030.	3.6	152
8	Activation of DegP chaperone-protease via formation of large cage-like oligomers upon binding to substrate proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11939-11944.	3.3	151
9	Structure of <i>Tetrahymena</i> telomerase reveals previously unknown subunits, functions, and interactions. <i>Science</i> , 2015, 350, aab4070.	6.0	134
10	Three-Dimensional Visualization of Tegument/Capsid Interactions in the Intact Human Cytomegalovirus. <i>Virology</i> , 1999, 260, 10-16.	1.1	131
11	Electron cryomicroscopy and bioinformatics suggest protein fold models for rice dwarf virus. <i>Nature Structural Biology</i> , 2001, 8, 868-873.	9.7	125
12	Hydrogen-bonding networks and RNA bases revealed by cryo electron microscopy suggest a triggering mechanism for calcium switches. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9637-9642.	3.3	111
13	Bluetongue virus coat protein VP2 contains sialic acid-binding domains, and VP5 resembles enveloped virus fusion proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6292-6297.	3.3	97
14	CTF Determination of Images of Ice-Embedded Single Particles Using a Graphics Interface. <i>Journal of Structural Biology</i> , 1996, 116, 216-222.	1.3	96
15	Visualizing large RNA molecules in solution. <i>Rna</i> , 2012, 18, 284-299.	1.6	95
16	Refinement of Herpesvirus B-Capsid Structure on Parallel Supercomputers. <i>Biophysical Journal</i> , 1998, 74, 576-588.	0.2	79
17	Three-Dimensional Structure of the Human Herpesvirus 8 Capsid. <i>Journal of Virology</i> , 2000, 74, 9646-9654.	1.5	71
18	Visualization of Protein-RNA Interactions in Cytoplasmic Polyhedrosis Virus. <i>Journal of Virology</i> , 1999, 73, 1624-1629.	1.5	68

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19	Structure of Double-Shelled Rice Dwarf Virus. <i>Journal of Virology</i> , 1998, 72, 8541-8549.	1.5	59
20	Identification of the sites of interaction between the scaffold and outer shell in herpes simplex virus-1 capsids by difference electron imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 2778-2783.	3.3	58
21	Prospects for using an IVEM with a FEG for imaging macromolecules towards atomic resolution. <i>Ultramicroscopy</i> , 1993, 49, 407-416.	0.8	57
22	Three-dimensional structure of tropism-switching <i>Bordetella</i> bacteriophage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4347-4352.	3.3	57
23	Structure of the core editing complex (L-complex) involved in uridine insertion/deletion RNA editing in trypanosomatid mitochondria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12306-12310.	3.3	55
24	A complex glutathione transferase gene family in the housefly <i>Musca domestica</i> . <i>Molecular Genetics and Genomics</i> , 1997, 256, 187-194.	2.4	53
25	Direct Evidence for the Size and Conformational Variability of the Pyruvate Dehydrogenase Complex Revealed by Three-dimensional Electron Microscopy. <i>Journal of Biological Chemistry</i> , 2001, 276, 21704-21713.	1.6	53
26	Long-lived photoinduced polaron formation in conjugated polyelectrolyte-fullerene assemblies. <i>Science</i> , 2015, 348, 1340-1343.	6.0	53
27	Organization of Capsid-Associated Tegument Components in Kaposi's Sarcoma-Associated Herpesvirus. <i>Journal of Virology</i> , 2014, 88, 12694-12702.	1.5	49
28	Roles of Triplex and Scaffolding Proteins in Herpes Simplex Virus Type 1 Capsid Formation Suggested by Structures of Recombinant Particles. <i>Journal of Virology</i> , 1999, 73, 6821-6830.	1.5	49
29	Association of Herpes Simplex Virus pU _L 31 with Capsid Vertices and Components of the Capsid Vertex-Specific Complex. <i>Journal of Virology</i> , 2014, 88, 3815-3825.	1.5	46
30	Access to RNA Encapsidated in the Nucleocapsid of Vesicular Stomatitis Virus. <i>Journal of Virology</i> , 2011, 85, 2714-2722.	1.5	44
31	Genetic, biochemical, and structural characterization of a new densovirus isolated from a chronically infected <i>Aedes albopictus</i> C6/36 cell line. <i>Virology</i> , 2004, 318, 123-133.	1.1	39
32	The Pattern of Tegument-Capsid Interaction in the Herpes Simplex Virus Type 1 Virion Is Not Influenced by the Small Hexon-Associated Protein VP26. <i>Journal of Virology</i> , 2001, 75, 11863-11867.	1.5	37
33	Dissecting human cytomegalovirus gene function and capsid maturation by ribozyme targeting and electron cryomicroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7103-7108.	3.3	33
34	Finding and using local symmetry in identifying lower domain movements in hexon subunits of the herpes simplex virus type 1 B capsid. <i>Journal of Molecular Biology</i> , 2001, 309, 903-914.	2.0	20
35	Electron Tomography Reveals Polyhedrin Binding and Existence of both Empty and Full Cytoplasmic Polyhedrosis Virus Particles inside Infectious Polyhedra. <i>Journal of Virology</i> , 2011, 85, 6077-6081.	1.5	18
36	3D electron microscopy reveals the variable deposition and protein dynamics of the peripheral pyruvate dehydrogenase component about the core. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 7015-7020.	3.3	16

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37	Three-dimensional structure of the wild-type RHDV. Science Bulletin, 2001, 46, 1005-1008.	1.7	5
38	Three-dimensional structure of the inner core of rice dwarf virus. Science in China Series C: Life Sciences, 2001, 44, 192-198.	1.3	3
39	Three-dimensional structure determination of capsid of Aedes albopictus C6/36 cell densovirus. Science in China Series C: Life Sciences, 2004, 47, 224-228.	1.3	2