

Felix de Haas

List of Publications by Year in descending order

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29
papers

1,741
citations

304368

22
h-index

500791

28
g-index

29
all docs

29
docs citations

29
times ranked

2536
citing authors

#	ARTICLE	IF	CITATIONS
1	Organization of Immature Human Immunodeficiency Virus Type 1. <i>Journal of Virology</i> , 2001, 75, 759-771.	1.5	168
2	The platelet interior revisited: electron tomography reveals tubular α -granule subtypes. <i>Blood</i> , 2010, 116, 1147-1156.	0.6	156
3	Characterization of a novel organelle in <i>Toxoplasma gondii</i> with similar composition and function to the plant vacuole. <i>Molecular Microbiology</i> , 2010, 76, 1358-1375.	1.2	152
4	Cryo-electron tomography of nanoparticle transmigration into liposome. <i>Journal of Structural Biology</i> , 2009, 168, 419-425.	1.3	133
5	Automatic particle selection: results of a comparative study. <i>Journal of Structural Biology</i> , 2004, 145, 3-14.	1.3	129
6	Structure of the Bacteriophage ϕ 6 Nucleocapsid Suggests a Mechanism for Sequential RNA Packaging. <i>Structure</i> , 2006, 14, 1039-1048.	1.6	108
7	A symmetry mismatch at the site of RNA packaging in the polymerase complex of dsRNA bacteriophage ϕ 6. <i>Journal of Molecular Biology</i> , 1999, 294, 357-372.	2.0	96
8	Polymer/Laponite Composite Latexes: Particle Morphology, Film Microstructure, and Properties. <i>Macromolecular Rapid Communications</i> , 2007, 28, 1567-1573.	2.0	87
9	Combined EM/X-Ray Imaging Yields a Quasi-Atomic Model of the Adenovirus-Related Bacteriophage PRD1 and Shows Key Capsid and Membrane Interactions. <i>Structure</i> , 2001, 9, 917-930.	1.6	69
10	Machining protein microcrystals for structure determination by electron diffraction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9569-9573.	3.3	69
11	Multiple liquid crystalline geometries of highly compacted nucleic acid in a dsRNA virus. <i>Nature</i> , 2019, 570, 252-256.	13.7	59
12	Distinct structural rearrangements of the VSV glycoprotein drive membrane fusion. <i>Journal of Cell Biology</i> , 2010, 191, 199-210.	2.3	51
13	Three-dimensional Reconstruction of the Chlorocruorin of the Polychaete Annelid <i>Eudistylia vancouverii</i> . <i>Journal of Molecular Biology</i> , 1996, 255, 140-153.	2.0	49
14	High-resolution icosahedral reconstruction: fulfilling the promise of cryo-electron microscopy. <i>Structure</i> , 1997, 5, 741-750.	1.6	47
15	The first step: activation of the semliki forest virus spike protein precursor causes a localized conformational change in the trimeric spike. <i>Journal of Molecular Biology</i> , 1998, 283, 71-81.	2.0	47
16	Three-Dimensional Reconstruction of Native and Reassembled <i>Lumbricus terrestris</i> Extracellular Hemoglobin. Localization of the Monomeric Globin Chains. <i>Biochemistry</i> , 1997, 36, 7330-7338.	1.2	45
17	The Intact Retroviral Env Glycoprotein of Human Foamy Virus Is a Trimer. <i>Journal of Virology</i> , 2000, 74, 2885-2887.	1.5	42
18	The structure of a prokaryotic viral envelope protein expands the landscape of membrane fusion proteins. <i>Nature Communications</i> , 2019, 10, 846.	5.8	37

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19	Three-dimensional reconstruction of the hexagonal bilayer hemoglobin of the hydrothermal vent tube worm <i>Riftia pachyptila</i> by cryoelectron microscopy. <i>Proteins: Structure, Function and Bioinformatics</i> , 1996, 26, 241-256.	1.5	35
20	Overabundant single-particle electron microscope views induce a three-dimensional reconstruction artifact. <i>Ultramicroscopy</i> , 1998, 74, 201-207.	0.8	35
21	Three-dimensional Reconstruction by Cryoelectron Microscopy of the Giant Hemoglobin of the Polychaete Worm <i>Alvinella pompejana</i> . <i>Journal of Molecular Biology</i> , 1996, 264, 111-120.	2.0	34
22	The Interhexameric Contacts in the Four-hexameric Hemocyanin from the Tarantula <i>Eurypelma californicum</i> . <i>Journal of Molecular Biology</i> , 1994, 237, 464-478.	2.0	24
23	Insights in the Organization of DNA~Surfactant Monolayers Using Cryo-Electron Tomography. <i>Journal of the American Chemical Society</i> , 2007, 129, 11894-11895.	6.6	21
24	A Workflow for Protein Structure Determination From Thin Crystal Lamella by Micro-Electron Diffraction. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 179.	1.6	21
25	Comparative electron microscopy and image analysis of oxy- and deoxy-hemocyanin from the spiny lobster <i>Panulirus interruptus</i> . <i>Ultramicroscopy</i> , 1993, 49, 426-435.	0.8	11
26	Electron Tomography Shows Molecular Anchoring Within a Layer-by-Layer Film. <i>Journal of the American Chemical Society</i> , 2008, 130, 12608-12609.	6.6	7
27	Identification of two antibody-interaction sites on the surface of <i>Panulirus interruptus</i> hemocyanin. <i>FEBS Journal</i> , 1994, 222, 155-161.	0.2	5
28	Quantitative Evaluation of Fiber-Optically Coupled CCD Cameras for Use in Cryo-Microscopy. <i>Microscopy and Microanalysis</i> , 2004, 10, 168-169.	0.2	4
29	Three-dimensional reconstruction of <i>Eudistylia vancouverii</i> chlorocruorin from frozen-hydrated specimens. <i>Biology of the Cell</i> , 1995, 84, 227-227.	0.7	0