Felix de Haas

List of Publications by Year
in descending order

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29 papers	1,741 citations	304743 22 h-index	501196 28 g-index
29 all docs	29 docs citations	29 times ranked	2536 citing authors

#	Article	IF	Citations
1	A Workflow for Protein Structure Determination From Thin Crystal Lamella by Micro-Electron Diffraction. Frontiers in Molecular Biosciences, 2020, 7, 179.	3.5	21
2	Multiple liquid crystalline geometries of highly compacted nucleic acid in a dsRNA virus. Nature, 2019, 570, 252-256.	27.8	59
3	The structure of a prokaryotic viral envelope protein expands the landscape of membrane fusion proteins. Nature Communications, 2019, 10, 846.	12.8	37
4	Machining protein microcrystals for structure determination by electron diffraction. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9569-9573.	7.1	69
5	Characterization of a novel organelle in Toxoplasma gondii with similar composition and function to the plant vacuole. Molecular Microbiology, 2010, 76, 1358-1375.	2.5	152
6	Distinct structural rearrangements of the VSV glycoprotein drive membrane fusion. Journal of Cell Biology, 2010, 191, 199-210.	5.2	51
7	The platelet interior revisited: electron tomography reveals tubular Î±-granule subtypes. Blood, 2010, 116, 1147-1156.	1.4	156
8	Cryo-electron tomography of nanoparticle transmigration into liposome. Journal of Structural Biology, 2009, 168, 419-425.	2.8	133
9	Electron Tomography Shows Molecular Anchoring Within a Layer-by-Layer Film. Journal of the American Chemical Society, 2008, 130, 12608-12609.	13.7	7
10	Insights in the Organization of DNAâ^'Surfactant Monolayers Using Cryo-Electron Tomography. Journal of the American Chemical Society, 2007, 129, 11894-11895.	13.7	21
11	Polymer/Laponite Composite Latexes: Particle Morphology, Film Microstructure, and Properties. Macromolecular Rapid Communications, 2007, 28, 1567-1573.	3.9	87
12	Structure of the Bacteriophage Ï•6 Nucleocapsid Suggests a Mechanism for Sequential RNA Packaging. Structure, 2006, 14, 1039-1048.	3.3	108
13	Automatic particle selection: results of a comparative study. Journal of Structural Biology, 2004, 145, 3-14.	2.8	129
14	Quantitative Evaluation of Fiber-Optically Coupled CCD Cameras for Use in Cryo-Microscopy. Microscopy and Microanalysis, 2004, 10, 168-169.	0.4	4
15	Combined EM/X-Ray Imaging Yields a Quasi-Atomic Model of the Adenovirus-Related Bacteriophage PRD1 and Shows Key Capsid and Membrane Interactions. Structure, 2001, 9, 917-930.	3.3	69
16	Organization of Immature Human Immunodeficiency Virus Type 1. Journal of Virology, 2001, 75, 759-771.	3.4	168
17	The Intact Retroviral Env Glycoprotein of Human Foamy Virus Is a Trimer. Journal of Virology, 2000, 74, 2885-2887.	3.4	42
18	A symmetry mismatch at the site of RNA packaging in the polymerase complex of dsRNA bacteriophage Ï†6. Journal of Molecular Biology, 1999, 294, 357-372.	4.2	96

#	Article	IF	Citations
19	Overabundant single-particle electron microscope views induce a three-dimensional reconstruction artifact. Ultramicroscopy, 1998, 74, 201-207.	1.9	35
20	The first step: activation of the semliki forest virus spike protein precursor causes a localized conformational change in the trimeric spike. Journal of Molecular Biology, 1998, 283, 71-81.	4.2	47
21	Three-Dimensional Reconstruction of Native and Reassembled Lumbricus terrestris Extracellular Hemoglobin. Localization of the Monomeric Globin Chains. Biochemistry, 1997, 36, 7330-7338.	2.5	45
22	High-resolution icosahedral reconstruction: fulfilling the promise of cryo-electron microscopy. Structure, 1997, 5, 741-750.	3.3	47
23	Three-dimensional Reconstruction of the Chlorocruorin of the Polychaete AnnelidEudistylia vancouverii. Journal of Molecular Biology, 1996, 255, 140-153.	4.2	49
24	Three-dimensional Reconstruction by Cryoelectron Microscopy of the Giant Hemoglobin of the Polychaete WormAlvinella pompejana. Journal of Molecular Biology, 1996, 264, 111-120.	4.2	34
25	Three-dimensional reconstruction of the hexagonal bilayer hemoglobin of the hydrothermal vent tube wormRiftia pachyptila by cryoelectron microscopy. Proteins: Structure, Function and Bioinformatics, 1996, 26, 241-256.	2.6	35
26	Three-dimensional reconstruction of Eudistylia vancouverii chlorocruorin from frozen-hydrated specimens. Biology of the Cell, 1995, 84, 227-227.	2.0	0
27	Identification of two antibody-interaction sites on the surface of Panulirus interruptus hemocyanin. FEBS Journal, 1994, 222, 155-161.	0.2	5
28	The Interhexameric Contacts in the Four-hexameric Hemocyanin from the Tarantula Eurypelma californicum. Journal of Molecular Biology, 1994, 237, 464-478.	4.2	24
29	Comparative electron microscopy and image analysis of oxy- and deoxy-hemocyanin from the spiny lobster Panulirus interruptus. Ultramicroscopy, 1993, 49, 426-435.	1.9	11