Leandro Estrozi

List of Publications by Year
in descending order

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30 papers	978 citations	430874 18 h-index	501196 28 g-index
35 all docs	35 docs citations	35 times ranked	1783 citing authors

#	Article	IF	Citations
1	Self-association of MreC as a regulatory signal in bacterial cell wall elongation. Nature Communications, 2021, 12, 2987.	12.8	13
2	3D structure of three jumbo phage heads. Journal of General Virology, 2020, 101, 1219-1226.	2.9	8
3	Structural Analysis of Jumbo Coliphage phAPEC6. International Journal of Molecular Sciences, 2020, 21, 3119.	4.1	13
4	Structure and assembly of pilotin-dependent and -independent secretins of the type II secretion system. PLoS Pathogens, 2019, 15, e1007731.	4.7	22
5	Integrated NMR and cryo-EM atomic-resolution structure determination of a half-megadalton enzyme complex. Nature Communications, 2019, 10, 2697.	12.8	80
6	In situ Structure of Rotavirus VP1 RNA-Dependent RNA Polymerase. Journal of Molecular Biology, 2019, 431, 3124-3138.	4.2	45
7	Nucleoprotein from the unique human infecting Orthobunyavirus of Simbu serogroup (Oropouche) Tj ETQq1 1 0.784314 rgBT /Overlo 711-721.	2.7	4
8	Imaging Plastids in 2D and 3D: Confocal and Electron Microscopy. Methods in Molecular Biology, 2018, 1829, 113-122.	0.9	11
9	Plastid thylakoid architecture optimizes photosynthesis in diatoms. Nature Communications, 2017, 8, 15885.	12.8	93
10	Cryo-electron Microscopy Structure of the Native Prototype Foamy Virus Glycoprotein and Virus Architecture. PLoS Pathogens, 2016, 12, e1005721.	4.7	23
11	Fusion to a homo-oligomeric scaffold allows cryo-EM analysis of a small protein. Scientific Reports, 2016, 6, 30909.	3.3	35
12	Structure Determination of Feline Calicivirus Virus-Like Particles in the Context of a Pseudo-Octahedral Arrangement. PLoS ONE, 2015, 10, e0119289.	2.5	11
13	Structural Similarity of Secretins from Type II and Type III Secretion Systems. Structure, 2014, 22, 1348-1355.	3.3	36
14	Location of the dsRNA-Dependent Polymerase, VP1, in Rotavirus Particles. Journal of Molecular Biology, 2013, 425, 124-132.	4.2	69
15	The cryo-EM Reconstruction of Drosophila C Virus (DCV) at 5.4ÂÃ.... Biophysical Journal, 2013, 104, 414a.	0.5	0
16	Monomeric Nucleoprotein of Influenza A Virus. PLoS Pathogens, 2013, 9, e1003275.	4.7	89
17	Oligomerization paths of the nucleoprotein of influenza A virus. Biochimie, 2012, 94, 776-785.	2.6	41
18	Conformational States of a Bacterial Î±2-Macroglobulin Resemble Those of Human Complement C3. PLoS ONE, 2012, 7, e35384.	2.5	25

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19	Cryo-EM structure of the E. coli translating ribosome in complex with SRP and its receptor. Nature Structural and Molecular Biology, 2011, 18, 88-90.	8.2	69
20	Nucleoprotein-RNA Orientation in the Measles Virus Nucleocapsid by Three-Dimensional Electron Microscopy. Journal of Virology, 2011, 85, 1391-1395.	3.4	55
21	Ab initio high-resolution single-particle 3D reconstructions: The symmetry adapted functions way. Journal of Structural Biology, 2010, 172, 253-260.	2.8	25
22	Phasing of the Triatoma virus diffraction data using a cryo-electron microscopy reconstruction. Virology, 2008, 375, 85-93.	2.4	13
23	Fast projection matching for cryo-electron microscopy image reconstruction. Journal of Structural Biology, 2008, 162, 324-334.	2.8	16
24	Three-Dimensional Structure of Canine Adenovirus Serotype 2 Capsid. Journal of Virology, 2008, 82, 3192-3203.	3.4	64
25	Geometric Mismatches within the Concentric Layers of Rotavirus Particles: a Potential Regulatory Switch of Viral Particle Transcription Activity. Journal of Virology, 2008, 82, 2844-2852.	3.4	21
26	SCA: Symmetry-based center assignment of 2D projections of symmetric 3D objects. Journal of Structural Biology, 2007, 157, 339-347.	2.8	2
27	1D and 2D Fourier-based approaches to numeric curvature estimation and their comparative performance assessment. , 2003, 13, 172-197.		17
28	On Voronoi Diagrams and Medial Axes. Journal of Mathematical Imaging and Vision, 2002, 17, 27-40.	1.3	40
29	A Biologically-Motivated Approach to Image Representation and Its Application to Neuromorphology. Lecture Notes in Computer Science, 2000, , 407-416.	1.3	7
30	Multiresolution shape representation without border shifting. Electronics Letters, 1999, 35, 1829.	1.0	30