

# Leandro Estrozi

## List of Publications by Year in descending order

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30  
papers

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citations

430874

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h-index

501196

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35  
docs citations

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times ranked

1783  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plastid thylakoid architecture optimizes photosynthesis in diatoms. <i>Nature Communications</i> , 2017, 8, 15885.	12.8	93
2	Monomeric Nucleoprotein of Influenza A Virus. <i>PLoS Pathogens</i> , 2013, 9, e1003275.	4.7	89
3	Integrated NMR and cryo-EM atomic-resolution structure determination of a half-megadalton enzyme complex. <i>Nature Communications</i> , 2019, 10, 2697.	12.8	80
4	Cryo-EM structure of the E. coli translating ribosome in complex with SRP and its receptor. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 88-90.	8.2	69
5	Location of the dsRNA-Dependent Polymerase, VP1, in Rotavirus Particles. <i>Journal of Molecular Biology</i> , 2013, 425, 124-132.	4.2	69
6	Three-Dimensional Structure of Canine Adenovirus Serotype 2 Capsid. <i>Journal of Virology</i> , 2008, 82, 3192-3203.	3.4	64
7	Nucleoprotein-RNA Orientation in the Measles Virus Nucleocapsid by Three-Dimensional Electron Microscopy. <i>Journal of Virology</i> , 2011, 85, 1391-1395.	3.4	55
8	In situ Structure of Rotavirus VP1 RNA-Dependent RNA Polymerase. <i>Journal of Molecular Biology</i> , 2019, 431, 3124-3138.	4.2	45
9	Oligomerization paths of the nucleoprotein of influenza A virus. <i>Biochimie</i> , 2012, 94, 776-785.	2.6	41
10	On Voronoi Diagrams and Medial Axes. <i>Journal of Mathematical Imaging and Vision</i> , 2002, 17, 27-40.	1.3	40
11	Structural Similarity of Secretins from Type II and Type III Secretion Systems. <i>Structure</i> , 2014, 22, 1348-1355.	3.3	36
12	Fusion to a homo-oligomeric scaffold allows cryo-EM analysis of a small protein. <i>Scientific Reports</i> , 2016, 6, 30909.	3.3	35
13	Multiresolution shape representation without border shifting. <i>Electronics Letters</i> , 1999, 35, 1829.	1.0	30
14	Ab initio high-resolution single-particle 3D reconstructions: The symmetry adapted functions way. <i>Journal of Structural Biology</i> , 2010, 172, 253-260.	2.8	25
15	Conformational States of a Bacterial $\hat{\pm}2$ -Macroglobulin Resemble Those of Human Complement C3. <i>PLoS ONE</i> , 2012, 7, e35384.	2.5	25
16	Cryo-electron Microscopy Structure of the Native Prototype Foamy Virus Glycoprotein and Virus Architecture. <i>PLoS Pathogens</i> , 2016, 12, e1005721.	4.7	23
17	Structure and assembly of pilotin-dependent and -independent secretins of the type II secretion system. <i>PLoS Pathogens</i> , 2019, 15, e1007731.	4.7	22
18	Geometric Mismatches within the Concentric Layers of Rotavirus Particles: a Potential Regulatory Switch of Viral Particle Transcription Activity. <i>Journal of Virology</i> , 2008, 82, 2844-2852.	3.4	21

#	ARTICLE	IF	CITATIONS
19	1D and 2D Fourier-based approaches to numeric curvature estimation and their comparative performance assessment. , 2003, 13, 172-197.		17
20	Fast projection matching for cryo-electron microscopy image reconstruction. Journal of Structural Biology, 2008, 162, 324-334.	2.8	16
21	Phasing of the Triatoma virus diffraction data using a cryo-electron microscopy reconstruction. Virology, 2008, 375, 85-93.	2.4	13
22	Self-association of MreC as a regulatory signal in bacterial cell wall elongation. Nature Communications, 2021, 12, 2987.	12.8	13
23	Structural Analysis of Jumbo Coliphage phAPEC6. International Journal of Molecular Sciences, 2020, 21, 3119.	4.1	13
24	Imaging Plastids in 2D and 3D: Confocal and Electron Microscopy. Methods in Molecular Biology, 2018, 1829, 113-122.	0.9	11
25	Structure Determination of Feline Calicivirus Virus-Like Particles in the Context of a Pseudo-Octahedral Arrangement. PLoS ONE, 2015, 10, e0119289.	2.5	11
26	3D structure of three jumbo phage heads. Journal of General Virology, 2020, 101, 1219-1226.	2.9	8
27	A Biologically-Motivated Approach to Image Representation and Its Application to Neuromorphology. Lecture Notes in Computer Science, 2000, , 407-416.	1.3	7
28	Nucleoprotein from the unique human infecting Orthobunyavirus of Simbu serogroup (Oropouche) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5711-721.	2.7	4
29	SCA: Symmetry-based center assignment of 2D projections of symmetric 3D objects. Journal of Structural Biology, 2007, 157, 339-347.	2.8	2
30	The cryo-EM Reconstruction of Drosophila C Virus (DCV) at 5.4Å.... Biophysical Journal, 2013, 104, 414a.	0.5	0