

Giovanni Cardone

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

2,565
citations

304602

22
h-index

360920

35
g-index

42
all docs

42
docs citations

42
times ranked

3877
citing authors

#	ARTICLE	IF	CITATIONS
1	mitoXplorer, a visual data mining platform to systematically analyze and visualize mitochondrial expression dynamics and mutations. <i>Nucleic Acids Research</i> , 2020, 48, 605-632.	6.5	47
2	Cryo-EM Elucidation of the Structure of Bacteriophage P22 Virions after Genome Release. <i>Biophysical Journal</i> , 2018, 114, 1295-1301.	0.2	19
3	Self-Assembly of a Designed Nucleoprotein Architecture through Multimodal Interactions. <i>ACS Central Science</i> , 2018, 4, 1578-1586.	5.3	22
4	Direct induction of microtubule branching by microtubule nucleation factor SSNA1. <i>Nature Cell Biology</i> , 2018, 20, 1172-1180.	4.6	48
5	A transcriptomics resource reveals a transcriptional transition during ordered sarcomere morphogenesis in flight muscle. <i>ELife</i> , 2018, 7, .	2.8	69
6	Structural Rearrangements in R432A Variant of AAV2 Affect Genome Packaging. <i>Microscopy and Microanalysis</i> , 2016, 22, 1134-1135.	0.2	0
7	Self-assembly of coherently dynamic, auxetic, two-dimensional protein crystals. <i>Nature</i> , 2016, 533, 369-373.	13.7	255
8	Cryo-electron Microscopy Reconstruction and Stability Studies of the Wild Type and the R432A Variant of Adeno-associated Virus Type 2 Reveal that Capsid Structural Stability Is a Major Factor in Genome Packaging. <i>Journal of Virology</i> , 2016, 90, 8542-8551.	1.5	39
9	The C-Terminal Arm of the Human Papillomavirus Major Capsid Protein Is Immunogenic and Involved in Virus-Host Interaction. <i>Structure</i> , 2016, 24, 874-885.	1.6	24
10	Three-Dimensional Structure of a Protozoal Double-Stranded RNA Virus That Infects the Enteric Pathogen <i>Giardia lamblia</i> . <i>Journal of Virology</i> , 2015, 89, 1182-1194.	1.5	42
11	Maturation of the Human Papillomavirus 16 Capsid. <i>MBio</i> , 2014, 5, e01104-14.	1.8	64
12	Metastable Intermediates as Stepping Stones on the Maturation Pathways of Viral Capsids. <i>MBio</i> , 2014, 5, e02067.	1.8	13
13	Single particle analysis integrated with microscopy: A high-throughput approach for reconstructing icosahedral particles. <i>Journal of Structural Biology</i> , 2014, 186, 8-18.	1.3	4
14	<scp>OmpA</scp> and <scp>OmpC</scp> are critical host factors for bacteriophage <scp>S</scp>f6 entry in <scp><i>S</i></scp><i>higella</i>. <i>Molecular Microbiology</i> , 2014, 92, 47-60.	1.2	82
15	Three-dimensional reconstructions of the bacteriophage CUS-3 virion reveal a conserved coat protein I-domain but a distinct tailspike receptor-binding domain. <i>Virology</i> , 2014, 464-465, 55-66.	1.1	24
16	Three-dimensional reconstruction of icosahedral particles from single micrographs in real time at the microscope. <i>Journal of Structural Biology</i> , 2013, 183, 329-341.	1.3	6
17	One number does not fit all: Mapping local variations in resolution in cryo-EM reconstructions. <i>Journal of Structural Biology</i> , 2013, 184, 226-236.	1.3	340
18	Structure of a Protozoan Virus from the Human Genitourinary Parasite <i>Trichomonas vaginalis</i> . <i>MBio</i> , 2013, 4, .	1.8	43

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19	Three-dimensional Structure of Victorivirus HvV190S Suggests Coat Proteins in Most Totiviruses Share a Conserved Core. <i>PLoS Pathogens</i> , 2013, 9, e1003225.	2.1	33
20	A Real-Time 3D Reconstruction System for Screening Icosahedral Particles Under Different Conditions at the Microscope. <i>Microscopy and Microanalysis</i> , 2013, 19, 764-765.	0.2	0
21	The UL36 Tegument Protein of Herpes Simplex Virus 1 Has a Composite Binding Site at the Capsid Vertices. <i>Journal of Virology</i> , 2012, 86, 4058-4064.	1.5	62
22	Visualization of the Two-Step Fusion Process of the Retrovirus Avian Sarcoma/Leukosis Virus by Cryo-Electron Tomography. <i>Journal of Virology</i> , 2012, 86, 12129-12137.	1.5	21
23	Cryo-electron tomographic characterization of structural changes in influenza virus at low pH. <i>Microscopy and Microanalysis</i> , 2012, 18, 108-109.	0.2	1
24	Cryo-EM study of Hepatitis B virus core antigen capsids decorated with antibodies from a human patient. <i>Journal of Structural Biology</i> , 2012, 177, 145-151.	1.3	11
25	Structural Changes in Influenza Virus at Low pH Characterized by Cryo-Electron Tomography. <i>Journal of Virology</i> , 2012, 86, 2919-2929.	1.5	109
26	Procapsid Assembly, Maturation, Nuclear Exit: Dynamic Steps in the Production of Infectious Herpesvirions. <i>Advances in Experimental Medicine and Biology</i> , 2012, 726, 423-439.	0.8	68
27	Suppression of a Morphogenic Mutant in Rous Sarcoma Virus Capsid Protein by a Second-Site Mutation: a Cryoelectron Tomography Study. <i>Journal of Virology</i> , 2010, 84, 6377-6386.	1.5	10
28	Visualization of a missing link in retrovirus capsid assembly. <i>Nature</i> , 2009, 457, 694-698.	13.7	94
29	Computational resources for cryo-electron tomography in Bsoft. <i>Journal of Structural Biology</i> , 2008, 161, 232-242.	1.3	128
30	Non-canonical Binding of an Antibody Resembling a Na ⁺ -ve B Cell Receptor Immunoglobulin to Hepatitis B Virus Capsids. <i>Journal of Molecular Biology</i> , 2008, 379, 1119-1129.	2.0	15
31	Allosteric Signaling and a Nuclear Exit Strategy: Binding of UL25/UL17 Heterodimers to DNA-Filled HSV-1 Capsids. <i>Molecular Cell</i> , 2007, 26, 479-489.	4.5	149
32	Visualization of the herpes simplex virus portal in situ by cryo-electron tomography. <i>Virology</i> , 2007, 361, 426-434.	1.1	107
33	Visualization of the HSV-1 Portal Complex in situ by Cryo-Electron Tomography. <i>Microscopy and Microanalysis</i> , 2006, 12, 412-413.	0.2	0
34	Influenza virus pleiomorphy characterized by cryoelectron tomography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19123-19127.	3.3	426
35	A resolution criterion for electron tomography based on cross-validation. <i>Journal of Structural Biology</i> , 2005, 151, 117-129.	1.3	114
36	An example of wavefield depth migration and Monte Carlo imaging in West Africa deep waters. , 2004, , .		5

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37	3D ZO CRS stack: issues related to complex structures and real data. , 2003, , .		5
38	3D common-reflection-surface stack and kinematic wavefield attributes. The Leading Edge, 2002, 21, 1010-1015.	0.4	53
39	A novel approach to the aperture windowing in medical imaging. Ultrasonics, 2000, 38, 937-941.	2.1	0
40	A new beamforming technique for ultrasonic imaging systems. Ultrasonics, 2000, 38, 156-160.	2.1	1
41	Spectral changes in Gaussian-cavity lasers. IEEE Journal of Quantum Electronics, 1998, 34, 1082-1088.	1.0	12