

Giulia Zanetti

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,721
citations

516215

16
h-index

752256

20
g-index

26
all docs

26
docs citations

26
times ranked

2336
citing authors

#	ARTICLE	IF	CITATIONS
1	COPII and the regulation of protein sorting in mammals. <i>Nature Cell Biology</i> , 2012, 14, 20-28.	4.6	331
2	Structure and assembly of immature HIV. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11090-11095.	3.3	327
3	Cryo-Electron Tomographic Structure of an Immunodeficiency Virus Envelope Complex In Situ. <i>PLoS Pathogens</i> , 2006, 2, e83.	2.1	205
4	The structure of the COPII transport-vesicle coat assembled on membranes. <i>ELife</i> , 2013, 2, e00951.	2.8	112
5	Increased Plasma Interleukin-7 Level Correlates with Decreased CD127 and Increased CD132 Extracellular Expression on T Cell Subsets in Patients with HIV-1 Infection. <i>Journal of Infectious Diseases</i> , 2006, 193, 505-514.	1.9	108
6	Subtomogram averaging of COPII assemblies reveals how coat organization dictates membrane shape. <i>Nature Communications</i> , 2018, 9, 4154.	5.8	78
7	Contrast transfer function correction applied to cryo-electron tomography and sub-tomogram averaging. <i>Journal of Structural Biology</i> , 2009, 168, 305-312.	1.3	77
8	Structural Events in the Photocycle of Green Fluorescent Protein. <i>Journal of Physical Chemistry B</i> , 2005, 109, 16099-16108.	1.2	68
9	Cell-free expression and selective isotope labelling in protein NMR. <i>Magnetic Resonance in Chemistry</i> , 2006, 44, S2-S9.	1.1	68
10	A novel GTP-binding protein adaptor protein complex responsible for export of Vangl2 from the trans Golgi network. <i>ELife</i> , 2013, 2, e00160.	2.8	66
11	Cryo-EM Structure of a Relaxase Reveals the Molecular Basis of DNA Unwinding during Bacterial Conjugation. <i>Cell</i> , 2017, 169, 708-721.e12.	13.5	56
12	Current data processing strategies for cryo-electron tomography and subtomogram averaging. <i>Biochemical Journal</i> , 2021, 478, 1827-1845.	1.7	43
13	Structure of the complete, membrane-assembled COPII coat reveals a complex interaction network. <i>Nature Communications</i> , 2021, 12, 2034.	5.8	40
14	In situ structure determination by subtomogram averaging. <i>Current Opinion in Structural Biology</i> , 2019, 58, 68-75.	2.6	29
15	Helical ordering of envelope-associated proteins and glycoproteins in respiratory syncytial virus. <i>EMBO Journal</i> , 2022, 41, e109728.	3.5	29
16	Fine details in complex environments: the power of cryo-electron tomography. <i>Biochemical Society Transactions</i> , 2018, 46, 807-816.	1.6	22
17	Coat flexibility in the secretory pathway: a role in transport of bulky cargoes. <i>Current Opinion in Cell Biology</i> , 2019, 59, 104-111.	2.6	20
18	Combinatorial multivalent interactions drive cooperative assembly of the COPII coat. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	20

#	ARTICLE	IF	CITATIONS
19	Visualizing membrane trafficking through the electron microscope: cryo-tomography of coat complexes. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 467-474.	1.1	8
20	In silico reconstitution of DNA replication. Lessons from single-molecule imaging and cryo-tomography applied to single-particle cryo-EM. <i>Current Opinion in Structural Biology</i> , 2022, 72, 279-286.	2.6	2