

Stephen D Carter

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4424752/publications.pdf>

Version: 2024-02-01

13
papers

503
citations

840776

11
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

1024
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure, Function, and Evolution of the Crimean-Congo Hemorrhagic Fever Virus Nucleocapsid Protein. <i>Journal of Virology</i> , 2012, 86, 10914-10923.	3.4	94
2	Primate TRIM5 proteins form hexagonal nets on HIV-1 capsids. <i>ELife</i> , 2016, 5, .	6.0	87
3	Three-Dimensional Analysis of Mitochondrial Crista Ultrastructure in a Patient with Leigh Syndrome by In Situ Cryoelectron Tomography. <i>IScience</i> , 2018, 6, 83-91.	4.1	60
4	Direct visualization of the small hydrophobic protein of human respiratory syncytial virus reveals the structural basis for membrane permeability. <i>FEBS Letters</i> , 2010, 584, 2786-2790.	2.8	56
5	Ribosome-associated vesicles: A dynamic subcompartment of the endoplasmic reticulum in secretory cells. <i>Science Advances</i> , 2020, 6, eaay9572.	10.3	42
6	Distinguishing signal from autofluorescence in cryogenic correlated light and electron microscopy of mammalian cells. <i>Journal of Structural Biology</i> , 2018, 201, 15-25.	2.8	27
7	Visualizing insulin vesicle neighborhoods in β cells by cryo-electron tomography. <i>Science Advances</i> , 2020, 6, .	10.3	27
8	FGF21 trafficking in intact human cells revealed by cryo-electron tomography with gold nanoparticles. <i>ELife</i> , 2019, 8, .	6.0	25
9	The stress-sensing domain of activated IRE1 α forms helical filaments in narrow ER membrane tubes. <i>Science</i> , 2021, 374, 52-57.	12.6	24
10	Correlated cryogenic fluorescence microscopy and electron cryo-tomography shows that exogenous TRIM5 α can form hexagonal lattices or autophagy aggregates in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29702-29711.	7.1	20
11	Montage electron tomography of vitrified specimens. <i>Journal of Structural Biology</i> , 2022, 214, 107860.	2.8	20
12	In Situ Imaging and Structure Determination of Biomolecular Complexes Using Electron Cryo-Tomography. <i>Methods in Molecular Biology</i> , 2021, 2215, 83-111.	0.9	9
13	Three-dimensional insights into human enveloped viruses <i>in vitro</i> and <i>in situ</i> . <i>Biochemical Society Transactions</i> , 2022, 50, 95-105.	3.4	3