

Peter J Peters

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3815107/publications.pdf>

Version: 2024-02-01

28
papers

14,708
citations

430874

18
h-index

501196

28
g-index

34
all docs

34
docs citations

34
times ranked

20792
citing authors

#	ARTICLE	IF	CITATIONS
1	Mycobacteriaâ€‘host interactions in human bronchiolar airway organoids. <i>Molecular Microbiology</i> , 2022, 117, 682-692.	2.5	32
2	SARS-CoV-2â€‘Specific Vaccine Candidates; the Contribution of Structural Vaccinology. <i>Vaccines</i> , 2022, 10, 236.	4.4	14
3	In vitro grafting of hepatic spheroids and organoids on a microfluidic vascular bed. <i>Angiogenesis</i> , 2022, 25, 455-470.	7.2	31
4	Endocytosed nanogold fiducials for improved in-situ cryoâ€‘electron tomography tilt-series alignment. <i>Journal of Structural Biology</i> , 2021, 213, 107698.	2.8	5
5	Structure of the Yersinia injectisome in intracellular host cell phagosomes revealed by cryo FIB electron tomography. <i>Journal of Structural Biology</i> , 2021, 213, 107701.	2.8	28
6	Understanding the invisible hands of sample preparation for cryo-EM. <i>Nature Methods</i> , 2021, 18, 463-471.	19.0	62
7	Recent Insights into the Structure and Function of Mycobacterial Membrane Proteins Facilitated by Cryo-EM. <i>Journal of Membrane Biology</i> , 2021, 254, 321-341.	2.1	6
8	<i>Mycobacterium tuberculosis</i> ferritin: a suitable workhorse protein for cryo-EM development. <i>Acta Crystallographica Section D: Structural Biology</i> , 2021, 77, 1077-1083.	2.3	6
9	Single-particle cryo-EM: alternative schemes to improve dose efficiency. <i>Journal of Synchrotron Radiation</i> , 2021, 28, 1343-1356.	2.4	5
10	Host phospholipid peroxidation fuels ExoU-dependent cell necrosis and supports Pseudomonas aeruginosa-driven pathology. <i>PLoS Pathogens</i> , 2021, 17, e1009927.	4.7	10
11	An organoidâ€‘derived bronchioalveolar model for SARSâ€‘CoVâ€‘2 infection of human alveolar type IIâ€‘like cells. <i>EMBO Journal</i> , 2021, 40, e105912.	7.8	153
12	Priming mycobacterial ESX-secreted protein B to form a channel-like structure. <i>Current Research in Structural Biology</i> , 2021, 3, 153-164.	2.2	15
13	Sub-pixel electron detection using a convolutional neural network. <i>Ultramicroscopy</i> , 2020, 218, 113091.	1.9	19
14	Could Egg White Lysozyme be Solved by Single Particle Cryo-EM?. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 2605-2613.	5.4	11
15	SARS-CoV-2 productively infects human gut enterocytes. <i>Science</i> , 2020, 369, 50-54.	12.6	1,347
16	Cryo-EM structures from sub-nl volumes using pin-printing and jet vitrification. <i>Nature Communications</i> , 2020, 11, 2563.	12.8	85
17	Longâ€‘term expanding human airway organoids for disease modeling. <i>EMBO Journal</i> , 2019, 38, .	7.8	619
18	Modelling Cryptosporidium infection in human small intestinal and lung organoids. <i>Nature Microbiology</i> , 2018, 3, 814-823.	13.3	296

#	ARTICLE	IF	CITATIONS
19	Intestinal epithelial organoids fuse to form self-organizing tubes in floating collagen gels. <i>Development (Cambridge)</i> , 2017, 144, 1107-1112.	2.5	98
20	Humans in a Dish: The Potential of Organoids in Modeling Immunity and Infectious Diseases. <i>Frontiers in Microbiology</i> , 2017, 8, 2402.	3.5	42
21	Quantifying resolution limiting factors in subtomogram averaged cryo-electron tomography using simulations. <i>Journal of Structural Biology</i> , 2014, 187, 103-111.	2.8	19
22	ESX-1-mediated translocation to the cytosol controls virulence of mycobacteria. <i>Cellular Microbiology</i> , 2012, 14, 1287-1298.	2.1	375
23	Mycobacterial Secretion Systems ESX-1 and ESX-5 Play Distinct Roles in Host Cell Death and Inflammasome Activation. <i>Journal of Immunology</i> , 2011, 187, 4744-4753.	0.8	122
24	Exploring vitreous cryo-section-induced compression at the macromolecular level using electron cryo-tomography; 80S yeast ribosomes appear unaffected. <i>Journal of Structural Biology</i> , 2011, 173, 345-349.	2.8	37
25	Direct Visualization by Cryo-EM of the Mycobacterial Capsular Layer: A Labile Structure Containing ESX-1-Secreted Proteins. <i>PLoS Pathogens</i> , 2010, 6, e1000794.	4.7	252
26	Single Lgr5 stem cells build crypt-villus structures in vitro without a mesenchymal niche. <i>Nature</i> , 2009, 459, 262-265.	27.8	5,339
27	<i>M. tuberculosis</i> and <i>M. leprae</i> Translocate from the Phagolysosome to the Cytosol in Myeloid Cells. <i>Cell</i> , 2007, 129, 1287-1298.	28.9	861
28	Identification of stem cells in small intestine and colon by marker gene Lgr5. <i>Nature</i> , 2007, 449, 1003-1007.	27.8	4,753