

Yong Zi Tan

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,378
citations

430874

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h-index

677142

22
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37
all docs

37
docs citations

37
times ranked

3792
citing authors

#	ARTICLE	IF	CITATIONS
1	Better, Faster, Cheaper: Recent Advances in Cryo-EM Electron Microscopy. Annual Review of Biochemistry, 2022, 91, 1-32.	11.1	45
2	High Throughput Expression Screening of Arabinofuranosyltransferases from Mycobacteria. Processes, 2021, 9, 629.	2.8	0
3	Multivalency transforms SARS-CoV-2 antibodies into ultrapotent neutralizers. Nature Communications, 2021, 12, 3661.	12.8	48
4	Through-grid wicking enables high-speed cryoEM specimen preparation. Microscopy and Microanalysis, 2021, 27, 526-528.	0.4	1
5	FACT caught in the act of manipulating the nucleosome. Nature, 2020, 577, 426-431.	27.8	160
6	Seeing Atoms: Single-Particle Cryo-EM Breaks the Atomic Barrier. Molecular Cell, 2020, 80, 938-939.	9.7	9
7	Through-grid wicking enables high-speed cryoEM specimen preparation. Acta Crystallographica Section D: Structural Biology, 2020, 76, 1092-1103.	2.3	31
8	Cryo-EM Structures and Regulation of Arabinofuranosyltransferase AftD from Mycobacteria. Molecular Cell, 2020, 78, 683-699.e11.	9.7	27
9	Cryo-EM structure of arabinosyltransferase EmbB from Mycobacterium smegmatis. Nature Communications, 2020, 11, 3396.	12.8	14
10	Electron-event representation data enable efficient cryoEM file storage with full preservation of spatial and temporal resolution. IUCrJ, 2020, 7, 860-869.	2.2	71
11	The MmpL3 interactome reveals a complex crosstalk between cell envelope biosynthesis and cell elongation and division in mycobacteria. Scientific Reports, 2019, 9, 10728.	3.3	32
12	The structure of a 15-stranded actin-like filament from Clostridium botulinum. Nature Communications, 2019, 10, 2856.	12.8	7
13	Structure of an endosomal signaling GPCR-G protein- β -arrestin megacomplex. Nature Structural and Molecular Biology, 2019, 26, 1123-1131.	8.2	139
14	Structure and drug resistance of the Plasmodium falciparum transporter PfCRT. Nature, 2019, 576, 315-320.	27.8	123
15	Spotiton: New features and applications. Journal of Structural Biology, 2018, 202, 161-169.	2.8	140
16	Big data in cryoEM: automated collection, processing and accessibility of EM data. Current Opinion in Microbiology, 2018, 43, 1-8.	5.1	45
17	Reducing effects of particle adsorption to the air-water interface in cryo-EM. Nature Methods, 2018, 15, 793-795.	19.0	167
18	Sub-2-Å... Ewald curvature corrected structure of an AAV2 capsid variant. Nature Communications, 2018, 9, 3628.	12.8	73

#	ARTICLE	IF	CITATIONS
19	CryoET of Single Particle CryoEM Grids Reveals Widespread Particle Adsorption to the Air-Water Interface, Which May be Reduced with New Plunging Techniques. <i>Microscopy and Microanalysis</i> , 2018, 24, 872-873.	0.4	0
20	Ensemble cryoEM elucidates the mechanism of insulin capture and degradation by human insulin degrading enzyme. <i>ELife</i> , 2018, 7, .	6.0	45
21	Routine single particle CryoEM sample and grid characterization by tomography. <i>ELife</i> , 2018, 7, .	6.0	216
22	Addressing preferred specimen orientation in single-particle cryo-EM through tilting. <i>Nature Methods</i> , 2017, 14, 793-796.	19.0	708
23	Modular Assembly of the Bacterial Large Ribosomal Subunit. <i>Cell</i> , 2016, 167, 1610-1622.e15.	28.9	163
24	Strategies for Automated CryoEM Data Collection Using Direct Detectors. <i>Methods in Enzymology</i> , 2016, 579, 87-102.	1.0	19
25	Automated data collection in single particle electron microscopy. <i>Microscopy (Oxford, England)</i> , 2016, 65, 43-56.	1.5	48
26	Collecting and processing single-particle cryo-EM data with tilts. <i>Protocol Exchange</i> , 0, , .	0.3	3