

# Zunlong Ke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6419334/publications.pdf>

Version: 2024-02-01

19  
papers

2,186  
citations

623734

14  
h-index

794594

19  
g-index

26  
all docs

26  
docs citations

26  
times ranked

4411  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structures and distributions of SARS-CoV-2 spike proteins on intact virions. <i>Nature</i> , 2020, 588, 498-502.	27.8	918
2	A thermostable, closed SARS-CoV-2 spike protein trimer. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 934-941.	8.2	261
3	Obstruction of pilus retraction stimulates bacterial surface sensing. <i>Science</i> , 2017, 358, 535-538.	12.6	231
4	Promotion of virus assembly and organization by the measles virus matrix protein. <i>Nature Communications</i> , 2018, 9, 1736.	12.8	114
5	Correlated fluorescence microscopy and cryo-electron tomography of virus-infected or transfected mammalian cells. <i>Nature Protocols</i> , 2017, 12, 150-167.	12.0	109
6	A live RSV vaccine with engineered thermostability is immunogenic in cotton rats despite high attenuation. <i>Nature Communications</i> , 2016, 7, 13916.	12.8	81
7	The Morphology and Assembly of Respiratory Syncytial Virus Revealed by Cryo-Electron Tomography. <i>Viruses</i> , 2018, 10, 446.	3.3	69
8	Maturation of the matrix and viral membrane of HIV-1. <i>Science</i> , 2021, 373, 700-704.	12.6	60
9	Peripheral myelin protein 22 alters membrane architecture. <i>Science Advances</i> , 2017, 3, e1700220.	10.3	49
10	A stable immature lattice packages IP <sub>6</sub> for HIV capsid maturation. <i>Science Advances</i> , 2021, 7, .	10.3	44
11	Engineering Globular Protein Vesicles through Tunable Self-Assembly of Recombinant Fusion Proteins. <i>Small</i> , 2017, 13, 1700399.	10.0	41
12	Native Immunogold Labeling of Cell Surface Proteins and Viral Glycoproteins for Cryo-Electron Microscopy and Cryo-Electron Tomography Applications. <i>Journal of Histochemistry and Cytochemistry</i> , 2015, 63, 780-792.	2.5	30
13	Cooperative multivalent receptor binding promotes exposure of the SARS-CoV-2 fusion machinery core. <i>Nature Communications</i> , 2022, 13, 1002.	12.8	30
14	Flagellar Structures from the Bacterium <i>Caulobacter crescentus</i> and Implications for Phage CbK Predation of Multiflagellin Bacteria. <i>Journal of Bacteriology</i> , 2021, 203, .	2.2	21
15	Capturing Enveloped Viruses on Affinity Grids for Downstream Cryo-Electron Microscopy Applications. <i>Microscopy and Microanalysis</i> , 2014, 20, 164-174.	0.4	17
16	Biological Applications at the Cutting Edge of Cryo-Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2018, 24, 406-419.	0.4	13
17	Pleomorphic Structures in Human Blood Are Red Blood Cell-Derived Microparticles, Not Bacteria. <i>PLoS ONE</i> , 2016, 11, e0163582.	2.5	13
18	Human Hepatitis B Virus Core Protein Inhibits IFN $\alpha$ -Induced IFITM1 Expression by Interacting with BAF200. <i>Viruses</i> , 2019, 11, 427.	3.3	12

#	ARTICLE	IF	CITATIONS
19	Native-State Structural Analysis of Respiratory Syncytial Virus. <i>Microscopy and Microanalysis</i> , 2016, 22, 1116-1117.	0.4	1