

# Zhi-Gang Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

788  
citations

687363

13  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1151  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Virus Tracking: From Imaging Methodologies to Virological Applications. <i>Chemical Reviews</i> , 2020, 120, 1936-1979.	47.7	131
2	Tracking single viruses infecting their host cells using quantum dots. <i>Chemical Society Reviews</i> , 2016, 45, 1211-1224.	38.1	106
3	Quantitative Lipid Imaging Reveals a New Signaling Function of Phosphatidylinositol-3,4-Bisphosphate: Isoform- and Site-Specific Activation of Akt. <i>Molecular Cell</i> , 2018, 71, 1092-1104.e5.	9.7	89
4	SH2 Domains Serve as Lipid-Binding Modules for pTyr-Signaling Proteins. <i>Molecular Cell</i> , 2016, 62, 7-20.	9.7	69
5	Myosin-Driven Intercellular Transportation of Wheat Germ Agglutinin Mediated by Membrane Nanotubes between Human Lung Cancer Cells. <i>ACS Nano</i> , 2012, 6, 10033-10041.	14.6	52
6	Globally Visualizing the Microtubule-Dependent Transport Behaviors of Influenza Virus in Live Cells. <i>Analytical Chemistry</i> , 2014, 86, 3902-3908.	6.5	51
7	Fast and High-Accuracy Localization for Three-Dimensional Single-Particle Tracking. <i>Scientific Reports</i> , 2013, 3, 2462.	3.3	46
8	Quantum Dots: A Promising Fluorescent Label for Probing Virus Trafficking. <i>Accounts of Chemical Research</i> , 2021, 54, 2991-3002.	15.6	44
9	Lipids Regulate Lck Protein Activity through Their Interactions with the Lck Src Homology 2 Domain. <i>Journal of Biological Chemistry</i> , 2016, 291, 17639-17650.	3.4	42
10	Three-Dimensional Tracking of Rab5 and Rab7 Associated Infection Process of Influenza Virus. <i>Small</i> , 2014, 10, 4746-4753.	10.0	37
11	Intracellular pathway of halloysite nanotubes: potential application for antitumor drug delivery. <i>Journal of Materials Science</i> , 2019, 54, 693-704.	3.7	27
12	Exploring Sialic Acid Receptors-Related Infection Behavior of Avian Influenza Virus in Human Bronchial Epithelial Cells by Single-Particle Tracking. <i>Small</i> , 2014, 10, 2712-2720.	10.0	24
13	Accurate and Efficient Lipoprotein Detection Based on the HCR-DNAzyme Platform. <i>Analytical Chemistry</i> , 2021, 93, 6128-6134.	6.5	13
14	Real-Time Dissecting the Dynamics of Drug Transportation in the Live Brain. <i>Nano Letters</i> , 2021, 21, 642-650.	9.1	11
15	Water-Soluble High-Quality Ag <sub>2</sub> Te Quantum Dots Prepared by Mutual Adaptation of Synthesis and Surface Modification for In Vivo Imaging. <i>ACS Applied Bio Materials</i> , 2021, 4, 7692-7700.	4.6	11
16	Quantum Dots Tracking Endocytosis and Transport of Proteins Displayed by Mammalian Cells. <i>Analytical Chemistry</i> , 2022, 94, 7567-7575.	6.5	9
17	In-situ quantitation of genome release of Japanese encephalitis viruses by quantum dot-based single-virus tracking. <i>Nano Today</i> , 2021, 40, 101271.	11.9	7
18	Spatiotemporal Quantification of Endosomal Acidification on the Viral Journey. <i>Small</i> , 2022, 18, e2104200.	10.0	5

#	ARTICLE	IF	CITATIONS
19	How different are the surfaces of semiconductor Ag <sub>2</sub> Se quantum dots with various sizes?. Science Bulletin, 2022, 67, 619-625.	9.0	5
20	Proximity-induced exponential amplification reaction triggered by proteins and small molecules. Chemical Communications, 2021, 57, 4714-4717.	4.1	4
21	Uncovering the F-Actin-Based Nuclear Egress Mechanism of Newly Synthesized Influenza A Virus Ribonucleoprotein Complexes by Single-Particle Tracking. Analytical Chemistry, 2022, 94, 5624-5633.	6.5	4
22	Quantum Dot-Based Dual-Color In Situ Fluorescence Imaging of the Coevolution of CD68 and CD47 in Breast Cancer. ACS Applied Nano Materials, 2022, 5, 1200-1208.	5.0	1