

Fei Guo

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

727
citations

623734

14
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888059

17
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18
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docs citations

18
times ranked

1378
citing authors

#	ARTICLE	IF	CITATIONS
1	Single Particle Cryo-electron Microscopy and 3-D Reconstruction of Viruses. <i>Methods in Molecular Biology</i> , 2014, 1117, 401-443.	0.9	132
2	Capsid expansion mechanism of bacteriophage T7 revealed by multistate atomic models derived from cryo-EM reconstructions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4606-14.	7.1	87
3	2.9Å... Resolution Cryo-EM 3D Reconstruction of Close-Packed Virus Particles. <i>Structure</i> , 2016, 24, 319-328.	3.3	74
4	Exploring the Limiting Open-Circuit Voltage and the Voltage Loss Mechanism in Planar $\text{CH}_3\text{NH}_3\text{PbBr}_3$ Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2016, 6, 1600132.	19.5	71
5	Visualization of uncorrelated, tandem symmetry mismatches in the internal genome packaging apparatus of bacteriophage T7. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6811-6816.	7.1	58
6	Extending the environmental lifetime of unpackaged perovskite solar cells through interfacial design. <i>Journal of Materials Chemistry A</i> , 2016, 4, 11604-11610.	10.3	49
7	Novel "Bird-Nest"-Structured Co_3O_4 /Acidified Multiwall Carbon Nanotube (ACNT) Hosting Materials for Lithium-Sulfur Batteries. <i>ACS Applied Energy Materials</i> , 2019, 2, 1348-1356.	5.1	40
8	Structural basis of tubulin recruitment and assembly by microtubule polymerases with tumor overexpressed gene (TOG) domain arrays. <i>ELife</i> , 2018, 7, .	6.0	32
9	Selective Capture of Histidine-tagged Proteins from Cell Lysates Using TEM grids Modified with NTA-Graphene Oxide. <i>Scientific Reports</i> , 2016, 6, 32500.	3.3	31
10	Nonfouling NTA-PEG-Based TEM Grid Coatings for Selective Capture of Histidine-Tagged Protein Targets from Cell Lysates. <i>Langmuir</i> , 2016, 32, 551-559.	3.5	30
11	A graph theory method for determination of cryo-EM image focuses. <i>Journal of Structural Biology</i> , 2012, 180, 343-351.	2.8	29
12	Cryo-EM Structure of a Novel Calicivirus, Tulane Virus. <i>PLoS ONE</i> , 2013, 8, e59817.	2.5	28
13	Effects of Ink Formulation on Construction of Catalyst Layers for High-Performance Polymer Electrolyte Membrane Fuel Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 37004-37013.	8.0	28
14	DSS1 and ssDNA regulate oligomerization of BRCA2. <i>Nucleic Acids Research</i> , 2020, 48, 7818-7833.	14.5	21
15	Affinity Cryo-Electron Microscopy Studies of Viral Particles Captured Directly From Cell Culture. <i>Microscopy and Microanalysis</i> , 2015, 21, 547-548.	0.4	4
16	Construction of yolk-shell Fe_3O_4 @C nanocubes for highly stable and efficient lithium-ion storage. <i>Frontiers of Materials Science</i> , 2018, 12, 361-367.	2.2	3