

# Stanford

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## Weijiang Zhou

Ph.D. Student in Biophysics, admitted Autumn 2017

### Bio

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#### HONORS AND AWARDS

- Stanford Interdisciplinary Graduate Fellowships, Stanford University (2019)

### Publications

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#### PUBLICATIONS

- **Unravelling Degradation Mechanisms and Atomic Structure of Organic-Inorganic Halide Perovskites by Cryo-EM** *JOULE*  
Li, Y., Zhou, W., Li, Y., Huang, W., Zhang, Z., Chen, G., Wang, H., Wu, G., Rolston, N., Vila, R., Chiu, W., Cui, Y.  
2019; 3 (11): 2854–66
- **Cryo-EM Structures of Atomic Surfaces and Host-Guest Chemistry in Metal-Organic Frameworks** *MATTER*  
Li, Y., Wang, K., Zhou, W., Li, Y., Vila, R., Huang, W., Wang, H., Chen, G., Wu, G., Tsao, Y., Wang, H., Sinclair, R., Chiu, et al  
2019; 1 (2): 428–38
- **Reduced propagation loss of surface plasmon polaritons on Ag nanowire-graphene hybrid** *Nano Energy*  
Wang, W., Zhou, W., et al  
2018; 48: 197-201
- **Trends in mica-mica adhesion reflect the influence of molecular details on long-range dispersion forces underlying aggregation and coalignment.** *Proceedings of the National Academy of Sciences of the United States of America*  
Li, D., Chun, J., Xiao, D., Zhou, W., Cai, H., Zhang, L., Rosso, K. M., Mundy, C. J., Schenter, G. K., De Yoreo, J. J.  
2017; 114 (29): 7537–42