

# Stanford

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## Feng Pan

Postdoctoral Scholar, Materials Science and Engineering

### Bio

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#### BIO

Feng Pan is a postdoctoral scholar with Prof. Jennifer A. Dionne in the Department of Materials Science and Engineering at Stanford. He received his Ph.D. in Physical Chemistry at the University of Wisconsin Madison, advised by Prof. Randall H. Goldsmith, and M.S. in Physical Chemistry at Texas A&M University, advised by Prof. Simon W. North, and B.S. in Chemistry at Jilin University (China). His research expertise spans several aspects, including plasmonics, nanophotonics, and single-particle microresonator microscopy and spectroscopy, planar laser-induced fluorescence for molecular tagging velocimetry and thermometry in gaseous flows.

#### STANFORD ADVISORS

- Jennifer Dionne, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Through thick and thin: how optical cavities control spin** *NANOPHOTONICS*  
Dixon, J., Pan, F., Moradifar, P., Bordoloi, P., Dagli, S., Dionne, J.  
2023
- **Active Control of Plasmonic-Photonic Interactions in a Microbubble Cavity** *JOURNAL OF PHYSICAL CHEMISTRY C*  
Pan, F., Karlsson, K., Nixon, A. G., Hogan, L. T., Ward, J. M., Smith, K. C., Masiello, D. J., Chormaic, S., Goldsmith, R. H.  
2022