

Cindy Shi

Ph.D. Student in Materials Science and Engineering, admitted Autumn 2020

Publications

PUBLICATIONS

- **Mechanosensitive Polymer Matrices of Biologically-Relevant Compliance Based on Upconverting Nanoparticles.** *Advanced materials (Deerfield Beach, Fla.)*
Shi, C. H., Cano, M. C., Casar, J. R., Moradifar, P., Robinson, B. G., Kaltschmidt, J. A., Goodman, M. B., Dionne, J. A.
2026: e22706
- **Solution-phase sample-averaged single-particle spectroscopy of quantum emitters with femtosecond resolution.** *Nature materials*
Shi, J., Shen, Y., Pan, F., Sun, W., Mangu, A., Shi, C., McKeown-Green, A., Moradifar, P., Bawendi, M. G., Moerner, W. E., Dionne, J. A., Liu, F., Lindenberg, et al
2024
- **Remotely controlled chemomagnetic modulation of targeted neural circuits.** *Nature nanotechnology*
Rao, S. n., Chen, R. n., LaRocca, A. A., Christiansen, M. G., Senko, A. W., Shi, C. H., Chiang, P. H., Varnavides, G. n., Xue, J. n., Zhou, Y. n., Park, S. n., Ding, R. n., Moon, et al
2019