

Xin Li

Education

- 2018 PhD in Industrial and Manufacturing Engineering, Florida State University
- MS in Statistics, Florida State University
- MS in Mechanical Engineering, Florida State University
- 2012 BS in Electrical and Computer Engineering, Tongji University, Shanghai

Selected Publications

Li, X., Dyck, O., Oxley, M. P., Lupini, A. R., McInnes, L., Healy, J., Jesse, S., Kalinin, S. V. (2019) "Manifold Learning of Four-dimensional Scanning Transmission Electron Microscopy", **npj Computational Materials**, 5(1), 5

Li, X., Collins, L., Miyazawa, K., Fukuma, T., Jesse, S., Kalinin, S. V. (2018) "High-veracity functional imaging in scanning probe microscopy via Graph-Bootstrapping", **Nature Communications**, 9(1), 2428

Li, X., Dyck, O., Kalinin, S. V., Jesse, S. "Compressed sensing of scanning transmission electron microscopy on non-rectangular scans", **Microscopy and Microanalysis**, 24(6), 623-633, **highlighted by Microscopy Today**

Li, X., Belianinov, A., Dyck, O., Jesse, S., Park, C. (2018) "Two-level structural sparsity regularization for identifying lattices and defects in noisy images", **The Annals of Applied Statistics**, 12(1), 348-377

Li, X., Tran, P., Liu, T., Park, C. (2017) "Simulation-guided regression approach for estimating nanoparticle size distribution with dynamic light scattering data", **IISE Transactions**, 49(1), 70-83