

Stanford



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Ph.D. Student in Computational and Mathematical Engineering, admitted Spring 2021

Bio

EDUCATION AND CERTIFICATIONS

- B.S., UCLA , Applied Mathematics & Statistics (2019)

Publications

PUBLICATIONS

- **Label-Efficient Self-Supervised Federated Learning for Tackling Data Heterogeneity in Medical Imaging.** *IEEE transactions on medical imaging*
Yan, R., Qu, L., Wei, Q., Huang, S. C., Shen, L., Rubin, D. L., Xing, L., Zhou, Y.
2023; 42 (7): 1932-1943
- **Correlative image learning of chemo-mechanics in phase-transforming solids.** *Nature materials*
Deng, H. D., Zhao, H., Jin, N., Hughes, L., Savitzky, B. H., Ophus, C., Fraggedakis, D., Borbely, A., Yu, Y., Lomeli, E. G., Yan, R., Liu, J., Shapiro, et al
2022
- **Measurement and models accounting for cell death capture hidden variation in compound response.** *Cell death & disease*
Bae, S. Y., Guan, N., Yan, R., Warner, K., Taylor, S. D., Meyer, A. S.
2020; 11 (4): 255