

Stanford

Ran Liu

Postdoctoral Scholar, Anesthesiology, Perioperative and Pain Medicine

Bio

STANFORD ADVISORS

- Patrick Purdon, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Development and prospective validation of postoperative pain prediction from preoperative EHR data using attention-based set embeddings.** *NPJ digital medicine*
Liu, R., Gutiérrez, R., Mather, R. V., Stone, T. A., Santa Cruz Mercado, L. A., Bharadwaj, K., Johnson, J., Das, P., Balanza, G., Uwanaka, E., Sydloski, J., Chen, A., Hagood, et al
2023; 6 (1): 209