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Ph.D. Student in Biomedical Data Science, admitted Summer 2022

Publications

PUBLICATIONS

- **Red teaming ChatGPT in medicine to yield real-world insights on model behavior.** *NPJ digital medicine*
Chang, C. T., Farah, H., Gui, H., Rezaei, S. J., Bou-Khalil, C., Park, Y. J., Swaminathan, A., Omiye, J. A., Kolluri, A., Chaurasia, A., Lozano, A., Heiman, A., Jia, et al
2025; 8 (1): 149
- **Upper limb musculoskeletal model as path generator for control a virtual orthosis: A dynamic neural network approach** *ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE*
Lozano, A., Cruz-Ortiz, D., Ballesteros, M., Chairez, I.
2025; 141
- **Asymmetric Constrained Control of a Cervical Orthotic Device Based on Barrier Sliding Modes** *APPLIED SCIENCES-BASEL*
Mireles, C., Lozano, A., Ballesteros, M., Cruz-Ortiz, D., Salgado, I.
2022; 12 (20)
- **Active neck orthosis for musculoskeletal cervical disorders rehabilitation using a parallel mini-robotic device** *CONTROL ENGINEERING PRACTICE*
Lozano, A., Ballesteros, M., Cruz-Ortiz, D., Chairez, I.
2022; 128