

Stanford

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Ph.D. Student in Mechanical Engineering, admitted Spring 2018

Publications

PUBLICATIONS

- **AddBiomechanics: Automating model scaling, inverse kinematics, and inverse dynamics from human motion data through sequential optimization.** *PloS one*
Werling, K., Bianco, N. A., Raitor, M., Stingel, J., Hicks, J. L., Collins, S. H., Delp, S. L., Liu, C. K.
2023; 18 (11): e0295152
- **Simulating Muscle-Level Energetic Cost Savings When Humans Run with a Passive Assistive Device.** *IEEE robotics and automation letters*
Stingel, J. P., Hicks, J. L., Uhlrich, S. D., Delp, S. L.
2023; 8 (10): 6267-6274
- **AddBiomechanics: Automating model scaling, inverse kinematics, and inverse dynamics from human motion data through sequential optimization.** *bioRxiv : the preprint server for biology*
Werling, K., Bianco, N. A., Raitor, M., Stingel, J., Hicks, J. L., Collins, S. H., Delp, S. L., Liu, C. K.
2023
- **How Connecting the Legs with a Spring Improves Human Running Economy.** *bioRxiv : the preprint server for biology*
Stingel, J. P., Hicks, J. L., Uhlrich, S. D., Delp, S. L.
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