



## Libby Zhang

Ph.D. Student in Electrical Engineering, admitted Autumn 2018

### Publications

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#### PUBLICATIONS

- **Elephants and algorithms: a review of the current and future role of AI in elephant monitoring** *JOURNAL OF THE ROYAL SOCIETY INTERFACE*  
Brickson, L., Zhang, L., Vollrath, F., Douglas-Hamilton, I., Titus, A. J.  
2023; 20 (208): 20230367
- **Keypoint-MoSeq: parsing behavior by linking point tracking to pose dynamics.** *bioRxiv : the preprint server for biology*  
Weinreb, C., Osman, M. A., Zhang, L., Lin, S., Pearl, J., Annapragada, S., Conlin, E., Gillis, W. F., Jay, M., Shaokai, Y., Mathis, A., Mathis, M. W., Pereira, et al  
2023
- **Animal pose estimation from video data with a hierarchical von Mises-Fisher-Gaussian model**  
Zhang, L., Dunn, T., Marshall, J., Olveczky, B., Linderman, S., Banerjee, A., Fukumizu, K.  
MICROTOME PUBLISHING.2021