Axiu Mao

Ph.D. student (2019-Now)
Department of Infectious Diseases and Public Health
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RESEARCH INTERESTS

Machine Learning, Deep Learning, Wearable Sensors, Internet of Things (IoT), Animal Activity Recognition (AAR), Animal Welfare

EDUCATION BACKGROUND

B.S.   China Jiliang University, China   Jun 2019

College of Quality and Safty Engineering

Quality Management Engineering | GPA: 3.99/5.00

PUBLICATIONS

[*COMPAG*] Center Clustering Network Improves Piglet Counting Under Occlusion
Endai Huang, Axiu Mao, Haiming Gan, Maria Camila Ceballos, Thomas D. Parsons, Yueju Xue, Kai Liu*
Computers and Electronics in Agriculture, Oct, 2021.

[*SENSORS*] Cross-Modality Interaction Network for Equine Activity Recognition Using Imbalanced Multi-Modal Data
Axiu Mao, Endai Huang, Haiming Gan, Rebecca S. V. Parkes, Weitao Xu, Kai Liu*
Sensors, Sep, 2021.

[*ASABE'2021*] Capacity Limit of Deep Learning Methods on Scenarios of Pigs in Farrowing Pen under Occlusion
Endai Huang, Axiu Mao, Maria Camila Ceballos, Thomas D. Parsons, Kai Liu*
ASABE Annual International Virtual Meeting (ASABE), Jul, 2021.

[*ACPLF'2020*] Deep Learning-based Assessment of Laying-hen Feather Conditions Using Color and Thermal Images
Endai Huang, Axiu Mao, Kai Liu*, Yueju, Xue
2nd Asian Conference on Precision Livestock Farming (ACPLF), Oct, 2020.

SKILL SPECIALTY

Certification: Certificate of Internal Auditor, Accountant certification
IT skills: Python, Matlab, C language, Lingo, SPSS