



# NIU Xuezhhi

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## EDUCATION

- Uppsala University** 2023–present  
Ph.D. Student Uppsala, Sweden
- KTH Royal Institute of Technology** 2021–2023  
M.Sc. Mechatronics Stockholm, Sweden
- City University of Hong Kong** 2017–2021  
B.Eng. Mechanical Engineering Hong Kong SAR, China

## RESEARCH INTERESTS

- Cyber-Physical Systems
- Reinforcement Learning
- Deep Learning Applications

## JOURNAL PUBLICATIONS

- Xu, Y., Niu, J., Xi, G., **Niu, X.**, Wang, Y., Guo, M., ... & Tian, J. (2018). TGF- $\beta$ 1 resulting in differential microRNA expression in bovine granulosa cells. *Gene*, 663, 88–100.

## CONFERENCE PUBLICATIONS

- Pending

## ACADEMIC ACTIVITIES

- Teaching assistant for master level courses at KTH (MF2007)
- Teaching assistant for undergraduate level courses at CityU (AP1201)

## AWARDS & ACHIEVEMENTS

- CN patent Grant, City University of Hong Kong** 2020.9  
"Novel high-load multi-component metal hydroxide with its synthesis method and application"
- Talent Development Scholarship, Hong Kong SAR, China** 2020.6  
Hong Kong Special Administrative Region Government
- CN patent Grant, City University of Hong Kong** 2020.6  
"A flexible battery assembly die and its structural design"
- National Finals of the Challenge Cup Competition, Beijing, China** 2019.11  
"A Flexible Battery with Bracelet" Second prize
- National Finals of Internet + Competition, Hangzhou, China** 2019.10  
"A Flexible Bracelet Battery" Silver Prize
- HK University Student Innovation and Entrepreneurship Competition, HKSAR, China** 2019.4  
"Self-powered Flexible Bracelet" Second Prize