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## EDUCATION

09/2019-Present: PhD Candidate. IMS, MESA+ institute for Nanotechnology, University of Twente.

09/2016-06/2019: M. Eng. in Green Energy Chemistry and Technology, South China University of Technology (SCUT).

09/2012-06/2016: B. S. in Materials Chemistry, South China Normal University (SCNU).

## PUBLICATIONS

- L. Wu<sup>+</sup>, **J. Zheng<sup>+</sup>**, L. Wang<sup>+</sup>, X. Xiong<sup>\*</sup>, Y. Shao, G. Wang, J. Wang, S. Zhong<sup>\*</sup>, M. Wu<sup>\*</sup>, PPy-encapsulated SnS<sub>2</sub> nanosheets stabilized by defects on TiO<sub>2</sub> support as durable anode material for lithium ion battery (**Very Important Paper**). **Angewandte Chemie International Edition**, **2019**, **58**, **811-815**, [<sup>+</sup>]Equal Contribution.
- **J. Zheng**, Y. Luo, D. Xie, X. Xiong<sup>\*</sup>, G. Wang, Z. Lin, C. Yang<sup>\*</sup>, M. Liu, One-pot synthesis of SnS/C nanocomposites on carbon paper as a high-performance free-standing anode for lithium ion batteries. **Journal of Alloys and Compounds**, **2019**, **779**, **67-73**.
- **J. Zheng**, X. Xiong<sup>\*</sup>, G. Wang, Z. Lin, X. Ou, C. Yang<sup>\*</sup>, M. Liu, SnS<sub>2</sub> nanoparticles anchored on three-dimensional reduced graphene oxide as a durable anode for sodium ion batteries. **Chemical Engineering Journal**, **2018**, **339**, **78-84**.
- Z. Lin, X. Xiong<sup>\*</sup>, **J. Zheng**, G. Wang, C. Yang, Three-dimensional N-doped graphene as anode material with superior cycle stability for sodium ion batteries. **Materials Letters**, **2017**, **202**, **123-126**.
- Z. Lin, G. Wang, X. Xiong<sup>\*</sup>, **J. Zheng**, X. Ou, C. Yang, Ni-polymer gels-derived hollow NiSb alloy confined in 3d interconnected carbon as superior sodium-ion battery anode. **Electrochimica Acta**, **2018**, **269**, **225-231**.
- G. Wang, X. Xiong<sup>\*</sup>, Z. Lin, **J. Zheng**, F. Zheng, Y. Li, Y. Liu, C. Yang, Y. Tang, M. Liu, Uniform Li deposition regulated via three-dimensional polyvinyl alcohol nanofiber networks for effective Li metal anodes. **Nanoscale**, **2018**, **10**, **10018-10024**.
- G. Wang, X. Xiong<sup>\*</sup>, D. Xie, Z. Lin, **J. Zheng**, F. Zheng, Y. Li, Y. Liu, C. Yang, M. Liu, Chemically activated hollow carbon nanospheres as a high-performance anode material for potassium ion batteries. **Journal of Materials Chemistry A**, **2018**, **6**, **24317-24323**.