

Yun Xu**+49 15226664729****yun.xu@kit.edu**

Ph.D. student in Helmholtz Institute Ulm
(Karlsruhe Institute of Technology) since 2017.11

**Basic information**

Current city	Ulm	Date of birth	1990.08.12	Nationality	Chinese
Sex	Female	Marital status	Unmarried	Native place	Jiangyin Jiangsu

Education experience**School Mentor: Zuoguo Yang****Enterprise Mentor: Lecai Zeng**

East China University Of Science and Technology	Master's degree	2014.09 - 2017.06
Nanjing Tech University	Exchange student	2010.09 - 2011.06
Huaiyin Normal University	Bachelor's degree	2008.09 - 2012.06

Academic Papers

Y. Xu, L. Wan, J. Liu, L. Zeng, Z. Yang, γ -butyrolactone and glutaronitrile as 5 V electrolyte additive and its electrochemical performance for $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$, Journal of Alloys and Compounds, 698 (2017) 207-214.
Y. Xu, J. Liu, L. Zhou, L. Zeng, Z. Yang, FEC as the additive of 5V electrolyte and its electrochemical performance for $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$, Journal of Electroanalytical Chemistry, 791 (2017) 109-116.

Skills

The Second Award in the Science and Technology Achievement in project in China,
Metrohm certificate of advanced **NOVA** training,
skilled in using **Autolab** to test LSV,CV,EIS, data analysis and simulation,
good at FT-IR, SEM.

Scientific research project

Aqueous processing of $\text{Li}_4\text{Ti}_5\text{O}_{12}$ anodes for lithium-ion battery	2017.11-now
Evaluation and selection of Aluminum foil for 20 Ah monomer lithium-ion battery	2015.05-2015.12
Batch development of key materials for lithium-ion batteries in energy storage	2016.01-2016.10
Research on electrolyte at high voltage for $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ in lithium-ion battery	2015.11-2016.12

Internship experience

Central Academe. Shanghai Electric Group Co.,Ltd.	Energy storage of Lithium ion battery division	2015.05- 2016.12
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