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## ■ Education experiences

Was born in 1972.

1991-1995: Bachelor, Haerbin Eng. Univ., Major: electrochemical engineering

1995-1998: Master, Haerbin Eng. Univ., Major: applied chemistry

1998-2001: Doctor, Zhejiang Univ., Major: materials science

2001-2003: Post-doctor, Tsinghua Univ., Major: chemical engineering

2003-2004: COE researcher, Tohoku Univ. Japan, Major: electrochemical STM

2004-2005: Humboldt scholarship, Hamburg Univ. Appl. Sci. Germany, Major: SOFC

2005-2007: Post-doctor, Fritz-Haber Institute, Berlin, Major: electrochemical oscillation

2007-2008: Post-doctor, Inst. Of Iron and Steel Research, Dusseldorf, Major: electrochemical etching

Textbooks and treatises published already: 3.5.

Scientific papers published: about 70.

## ■ Major researches including

1. recycling spent Li-ion batteries
2. Li-ion batteries
3. Materials electrochemistry

## ■ Representative achievements

1. Textbook: <Solvent and solute in Li-ion battery >, Chemical Industry Press., 2018
2. Textbook: <Active electrode materials in Li-ion battery>, Chemical Industry Press., 2017
3. Textbook: <Electrode process kinetics: principle, technique and application>, Chemical Industry Press., 2015
4. Zhao Shunyu, Zhu Yutao et al, Annealing effects of TiO<sub>2</sub> coating on cycling performance of Ni-rich cathode material LiNi<sub>0.8</sub>Co<sub>0.1</sub>Mn<sub>0.1</sub>O<sub>2</sub> for lithium-ion battery, Materilas Lett. 2020, 265: 127418
5. Cai Chennan, Sun Fengxia et al, Ultra-long life of TiO<sub>2</sub> nanotube array microelectrode for Li-ion micro-batteries, Ionics, 2018, 24: 2227-2232
6. Chen Yixin, Zhu Decheng et al, A facile strategy to upgrade electrochemical performances of LiEuTiO<sub>4</sub> by surface modification derived from pyrolysis of urea, Ionics, 2019, 25:3041-3050