

Jin-Hao Jhang

Dr. rer. nat., Postdoctoral researcher

Department of Chemical and Environmental Engineering, Yale University
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Experience

Postdoctoral associate (2016 – present)

Prof. Eric Altman group, Chemical and Environmental Engineering, Yale University, USA

PhD work (September 2011 – 2015)

AG Bäumer, Institut für Angewandte und Physikalische Chemie, Universität Bremen, Germany

Corporal (2010)

Taiwan Army (Conscription), Taiwan

Research assistant (2008 – 2009)

National Science Council, Taiwan

Teaching assistant (2007 – 2008)

Department of Chemistry, National Taiwan Normal University, Taipei, Taiwan

Education

Dr. rer. nat. (PhD), Physical Chemistry (2011 – 2015)

- Universität Bremen, Bremen, Germany
- Thesis: Model Studies on Rare Earth Oxide Thin Films: Surface Chemistry and Catalytic Properties
- Award: magna cum laude

Master, Chemistry with concentration in Physical Chemistry (2007 – 2009)

- National Taiwan Normal University, Taipei, Taiwan
- Thesis: Preparation of Hollow CdS Nanoparticles via Electrodeposition

Bachelor, Chemistry (2003 – 2007)

- National Taiwan Normal University, Taipei, Taiwan
- Thesis: Preparation and Application of Piezoelectric Crystal Sensor for Uric Acid Based on C₆₀-Uricase Immobilized Enzyme

Expertise

- Surface science, surface chemistry, physical chemistry, ultrahigh vacuum systems, scanning probe microscopy, photoelectron spectroscopy, infrared spectroscopy, thermal desorption spectroscopy