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EDUCATION

Ph.D. Inorganic Chemistry, Changchun Institute of Applied Chemistry, CAS, Changchun, Jilin, China, July 1997
B.S. Physics, Jilin University, Changchun, Jilin, China, July 1987

APPOINTMENTS

May 2009 – present: Director of Renewable Energy Laboratory, Institute of Physics, CAS
Aug. 2002 – present: Professor, Institute of Physics, Chinese Academy of Sciences
Aug. 1999 – Aug. 2002: STA Fellow (Science and Technology Agency of Japan), Researcher of the University of Tokyo and KAST in Japan
Sept. 1997 – Jul. 1999: Postdoctoral Fellow, Institute of Physics, CAS, Beijing, China
Jul. 1987 – Aug. 1997: Assistant Researcher, Changchun Institute of Applied Chemistry, CAS, Changchun, Jilin, China

AWARDS

- National Science Fund for Distinguished Young Scholars (2007)
- Special government allowance from the State Council (2010)
- Tokyo University of Science President Award (2011)
- 100 leading talent for "Science and Technology Beijing" (2013)

SYNERGISTIC ACTIVITIES

Editorial Board: *Electrochemistry Communications*;

Green (the International Journal of Sustainable Energy Conversion and Storage)

Committee: China Renewable Energy Society; Solar Energy Program in Chinese Academy of Science

Membership: Such as Chinese Physical Society, Chinese Chemical Society, China Renewable Energy Society, Chinese MRS

Journal Review: J. Am. Chem. Soc., Angew. Chem. Int. Ed., Energy Environ. Sci., Adv. Mater., Adv. Funct. Mater., Chem. Commun., Small, Carbon, J. Mater. Chem., Appl. Phys. Lett., J. Phys. Chem. C, Langmuir, et al

Conference Session Chair: Such as session chair: E-MRS, Chinese MRS, Chinese Chemical Society

Proposal Review: Served as a panelist in 13th and 14th NSFC proposal review panels.

RESEARCH:

- New types of thin film solar cells, including Perovskite thin film solar cells, Dye sensitized solar cells and Quantum dot solar cells
- Design and control of Smart Grid
- Photocatalysis for Water Splitting of Hydrogen Generation
- Self-assemble and application of Colloidal Photonic Crystals

GROUP HISTROY:

- 2004 Group of New Energy Materials and Devices, established
- 2009 Renewable Energy Laboratory, Institute of Physics, CAS, established
- Dec. 2010 Key Laboratory for Renewable Energy, CAS, approved
- Mar. 2011 Beijing Key Laboratory for Renewable Energy, approved

GROUP IDEA

Pursing the sunshine, making society benefited from the sunshine and world full of loving sunshine.

RESEARCH ACHIEVEMENTS:

- ~220 peer reviewed publications, including *J. Am. Chem. Soc.*, *Adv. Mater.*, *Adv. Energy Mater.*, *Adv. Funct. Mater.*, *Energy Environ. Sci.*, *Chem. Comm.*, *APL*, *J. Phys. Chem.*, *ACS Appl. Mater. Interfaces*, *E.C.*, *Solar Energy Mater. & Solar Cells*, publications have received over 8000 citations (h-index 54)
- 56 patent authorizations
- 80 invited lectures at national and international conferences
- Completed '863' and '973' projects received high evaluation from Ministry of Science and Technology, rated as MOST achievement.
- Main supervisor on 34 PhD degrees, 15 Master degrees
- Current research group: 3 Prof, 1 Lab. Engineer, 8 PhD students, 4 Master students