

**Research field:** Electrochemical water splitting, Carbon dioxide reduction, Nanoparticle synthesis (Plasmonics & Electrocatalysts), Biomass production

### **Qualifications**

2014- Associate Professor, Seoul National University, Materials Science and Engineering  
2010-2014 Assistant Professor, Seoul National University, Materials Science and Engineering  
2007-2010 Postdoctoral Fellow, Lawrence Berkeley National Laboratory  
2002-2007 Ph.D., Massachusetts Institute of Technology (M.I.T), Materials Science and Engineering  
2000-2002 MS, Seoul National University, Materials Science and Engineering  
1996-2000 BS, Seoul National University, Materials Science and Engineering