


Brief CV

Name	Xiubing HUANG	中文名	黄秀兵	
Gender	Male	Title (Pro./Dr.)	Dr.	
Position (President...)	Lecture	Country	P.R. China	
University/ Department	University Science and Technology Beijing/School of Materials Science and Engineering			
Personal Website				
Research Area	Nanostructured Catalysts for Environmental and Energy Applications			

Brief introduction of your research experience:

1) Oxygen storage materials

The development of solid state oxygen storage materials (OSMs) using transition metal compounds, which could reversibly intake and release oxygen dependence on oxygen partial pressures and/or temperatures. The oxygen storage materials can be used as efficient catalysts for environmental and energy applications.

2) Heterogeneous catalysts

The discovery and design of novel and efficient heterogeneous catalysts (e.g., metal oxides, semiconductors, metal-organic frameworks, carbon-based composite) for selective oxidation of organic molecules, photocatalytic hydrogen evolution, electrochemical oxygen evolution reaction (OER) and hydrogen evolution reaction (HER), etc..

*******All the columns need to be filled in.**