Bibliography of Jun Chen

Intelligent Polymer Research Institute / ARC Centre of Excellence for Electromaterials Science
Australian Institute of Innovative Materials, Innovation Campus
University of Wollongong

Name: Jun Chen

Date of Birth: August 13th, 1973

Education and Employment

• Bachelor in Chemical Engineering	1991-1995	Zhejiang University of Technology
• Ph.D in Chemistry	1998-2003	University of Wollongong
• Research Fellow	2002-2007	IPRI, University of Wollongong
• Senior Research Fellow	2007-2008	ACES, University of Wollongong
• Tenure Senior Research Fellow	2008-2012	ACES, University of Wollongong
• Tenure Associate Professor	2013-present	AIIM, University of Wollongong

Associate Professor Jun Chen obtained his Bachelor Degree from Zhejiang University of Technology (1995), China. In 2003, Chen was awarded PhD degree from the School of Chemistry, University of Wollongong, Australia. Then, Chen did his post-doc at Intelligent Polymer Research Institute, ARC Centre of Excellence for Electromaterials Science, University of Wollongong. In 2008, Dr Chen was promoted to senior level and offered a tenured position by UOW as a senior research fellow. In January 2013, Dr Chen was promoted to Associate Professor. In addition, A/P Chen was elected as Academic Senate member of University of Wollongong Council for the term of 2014 and 2015.

A/P Chen has extensive research experience in materials science, electrochemistry, sustainable energy, and green technology. His subtopics include Synthesis of Nanostructure Materials, Lithium Rechargeable Battery and Supercapacitor, Li-Air battery, Electrode of PEMFC, Hydrophobic and Hydrophilic Surface, and Electrochemistry Bio-interfaces. Chen's field of research is focused on "Design and Development of nanostructured architectures and/or active materials for use in a variety of applications ranging from electrochemical performance to energy devices", with a particular focus on elucidating the intimate interactions among different phases - solid, liquid and gas. These fundamental findings have also opened up exciting new directions in the fabrication and processing of active composite/hybrid materials.

A/P Chen has also been very pro-active in broadening his research experience and skills by developing external collaborative links with leading overseas and Australian researchers, including researchers in the USA, China, Denmark, UK, Ireland, Germany, Singapore, and Thailand. Chen was awarded international collaboration fellowship twice from the Australian Academy of Science - for Young Australian Researchers, in both 2003/2004 and 2007/2008.

As a Chief Investigator, A/P Chen has attracted competitive research grants and R&D fundings over $3 million. Over the last ten years, Chen has published over 120 peer-reviewed publications in international journals with an h-index of 26, including *Advanced Materials*, *Energy and Environmental Science*, *Angew. Chem. Int. Ed., ChemSusChem*, *Chem. Commun.*, *Chemistry of Materials*, *ACS NANO, JACS, and Journal of Materials Chemistry*. In addition, Chen has been co-author of 6 book chapters and co-inventor on 4 international patents. Based on his professional background, Chen currently devotes significant time as an active peer reviewer for RSC, ACS, and Wiley journals.