

## رتبه اول خارجی

Foreign First Winner

**Project Title:**

Improvement on Electrochemical Methods

**عنوان طرح :**

توسعه و بهبود روشهای الکتروشیمیایی

**Researcher:**

Prof. Shaojun Dong

**محقق:**

پروفسور شاو جون دانگ

**Country:**

China

**کشور:**

چین

**University:**

Chinese Academy of Science

**دانشگاه:**

آکادمی علوم چین

**Abstract:**

Professor Dong is internationally very well known electro-chemist and electroanalytical chemist.

She is the top of the 100 authors with the most papers, she has published over 500 papers in international journals and has 16 patents in china. The summation of the impact factor for the published papers is over 500 and the number of the SCI is very high even over 3000. She has contributed significantly in the research field of CME, especially on self-assembled monolayers and multilayers, conducting polymers, metallomacrocycles and inorganic compound film electrodes; theory and methodology for kinetic process of electrocatalysis in an unstable system; ultramicroelectrodes and chemically modified ultramicroelectrodes; biosensors, direct electrochemistry of proteins and enzymes and surface plasmon resonance and fractal networks in the air-water interface.