

Brief Biography

Dr. Jianping Lu is a senior research officer at Quantum and nanotechnologies Research centre, National Research Council of Canada. Dr. Lu received his PhD in physical chemistry from Tsinghua University, China, in 1998. Part of his PhD thesis research was carried out at CSIRO, Australia. Right after graduation, Dr. Lu did his postdoctoral research on organic light-emitting diodes (OLEDs) in Prof. Hay's group at McGill University from 1998 to 2000, and then in Prof. Winnik's group at University of Toronto working on the synthesis of block copolymers containing specific fluorescent dyes at the junction by anionic polymerization from 2000-2001. From 2001 to 2002, Dr. Lu worked for a high-tech company as a senior research scientist and project leader, responsible for the development of low-loss photo-patternable optical waveguide materials. In 2003, Dr. Lu joined Institute for Microstructural Sciences, National Research Council of Canada, as an assistant research officer, conducting research on the design and synthesis of organic semiconductors for applications in organic and printed electronics. So far Dr. Lu has published more than 100 scientific papers, and owns 16 awarded or filed patents. Dr. Lu has received multiple awards from NRC due to his research excellence and outstanding achievements, including 2020 NRC's Intellectual Property Achievement Award and 2017 NRC's Outstanding Achievement Award.

