

Professor Li Lu

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Li Lu received his B.Eng and M. Eng from Tsinghua University, China, and his Ph.D from the Katholieke Universiteit Leuven, Belgium. After four years of doctoral study and two years of post-doctoral work at KUL, he joined the Department of Mechanical Engineering, National University of Singapore in 1991.

Dr. Lu was promoted to Full Professor in 2004 and is still heavily involved in the research of functional materials, mainly in two directions; i) materials for Li-ion rechargeable batteries which include traditional bulk batteries and all-solid-state batteries, and supercapacitors, and ii) piezoelectric and ferroelectric materials. He has published over 300 papers in international journals and 3 monographs. He has awarded millions dollars in his research funding in the past 20 years. Recently, he received two prestigious Proof-of-Concept project grants awarded by the National Research Foundation of Singapore for development of fast charging Li-ion batteries.

Dr. Lu is the Editor-in-Chief of Functional Materials Letters (World Scientific Publisher), Associate Editor of Materials Technology (Maney Publisher) particularly in charge of functional materials, and member of Editorial Board of Scientific Report (Nature Publishers) in charge of energy storage materials. Due to his contributions to functional materials, he has been invited to deliver plenary, keynote and invited lectures by numerous conferences and institutions.