



Dr. Yi Li is a full professor and chair of Textile Science and Engineering at the School of Materials, University of Manchester. He is a Life-Fellow of Royal Society of Art, Commerce and Manufacturing and International Biographical Association and Fellow of the Textile Institute. He is appointed as the Academic Dean, School of Textile Science and Engineering, Xian Polytechnic University (China). He is the Chairman of Textile Bioengineering and Informatics Society, deputy chairman of International Digital Health and Intelligent Materials Innovation Association, and Editor-in-Chief of “Journal of Fiber Bioengineering and Informatics”. He has supervised over 50 PhD students and more than 130 research personnel. He has over 600 scientific publications, including 426 SCI/CPCI papers and peer reviewed conference papers with 11693 citations and h-index of 57 and i10-index 220 as being recognized as an international leading expert in smart functional textiles. With 128 invited keynote/plenary lectures in conferences, he has more than 56 awards on outstanding research papers, patent inventions and technology transfer. He owns more than 80 patents, including 46 patents granted in USA, China and Australia and 27 IP properties transferred to industry.

He has carried out extensive research in PPEs, including Nano Facemasks (Gold Medal, EUREKA 2005, Brussels) and Virus Stopper protective clothing (Silver Medal, Geneva, April 2006) against SARS in 2003, which have been transferred to industry. He is currently working closely with international academic and industrial partners to develop novel technologies and products for combating COVID19 pandemic, including the following topics: (1) Remote Diagnosis and Digital Surveillance System for combatting COVID-19 Pandemic; (2) Personal Protection and Epidemic Control of 2019-NCoV Outbreak; (3) Smart Multichannel Diagnosis System for Managing COVID-19 Pandemic; (4) Novel high protective reusable facemasks and (5) High Performance Reusable Personal Protective Clothing.