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Dr. Andy (Xueliang) Sun is a Full Professor and senior Canada Research Chair (Tier I) for the development of nanomaterials for clean energy, at the University of Western Ontario, Canada. Dr. Sun received his Ph.D degree in Materials Chemistry at the University of Manchester, UK, in 1999. Then, he worked as a post-doctoral fellow in the University of British Columbia, Canada, during 1999-2001. He was a Research Associate at the National Institut de la Recherche Scientifique (INRS), Quebec, Canada, during 2001-2004.

Dr. Sun's research is focused on advanced materials for energy conversion and storage including Li batteries and fuel cells. Dr. Sun is an author and co-author of over 400 refereed-journals (e.g. Nature Energy, Nature Communications, Advanced Materials, J. Am. Chem. Soc., Angew. Chem., Nano Letter, Energy & Environmental Science) with citations of over 23,000 times and H-index of 78. Dr. Sun was named as one of "**Highly Cited Researchers**" in 2018. He edited 3 books and published 16 book chapters as well as filed 18 US patents. He has given more than 120 plenary/keynote/invited talks in international conferences, symposia and workshops. Dr. Sun is actively collaborating with industries and government labs such as Ballard Power Systems, General Motors, Lithium Phostech Inc., 3M, and China Automotive Battery Research Institute Co.. Since he joined Western in 2004, Dr. Sun secured over \$20M research finding. Dr. Sun received various awards such as Early Researcher Award (2006), Canada Research Chair (2007, 2013) and University Faculty Scholar Award (2010), Western Engineering Prize for Achievement in Research (2013), Fellow of Royal Society of Canada (2016), Fellow of the Canadian Academy of Engineering (2016), Professional Achievement Awards from Cross-cultural Professionals Association of Canada (CPAC, 2016), Award for Research Excellence in Materials Chemistry Winner from Canada Chemistry Society (2018), Award of Merit of the Federation of Chinese Canadian Professionals (2018), and Western Hellmuth Prizes (The highest Research Achievement Award in the University, 2019). Dr. Sun is a Vice Chairman of the International Academy of Electrochemical Energy Science (IAOEES). He also serves as an Editor-in-Chief of "Electrochemical Energy Review" under Spring-Nature and an Associate Editor for Frontier of Energy Storage (2013-present).