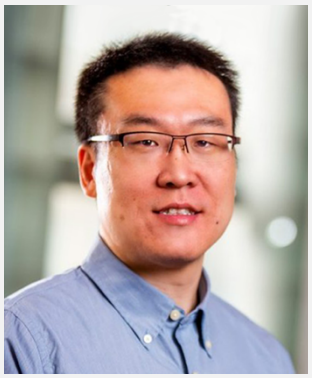

Prof. Xiaolei Wang

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Dr. Xiaolei Wang is currently a Canada Research Chair holder and also a full professor in the Department of Chemical and Materials Engineering at the University of Alberta. He is leading his research team focusing on the rational design, development and application of novel advanced materials for energy-related technologies including lithium and other alkaline-ion batteries, lithium-metal and lithium-sulfur (Li-S) batteries, aqueous rechargeable batteries, battery recycling/upcycling/upgrading technologies, metal-air batteries, supercapacitors, and electrocatalytic systems. Before joining UofA, he worked as tenure-track assistant professor at Concordia University from 2017 to 2019, and postdoctoral fellow researcher at the University of Waterloo from 2014 to 2017. Prof. Wang received his Ph.D. at the University of California, Los Angeles (UCLA, 2013), M.Sc. at Tianjin University (TJU, 2007), and B.Sc. at Dalian University of Technology (DUT, 2004).

Prof. Wang was awarded the *Discovery Accelerator Supplement* (DAS, 2018) with his first *NSERC Discovery Grant* (DG) application as an early career researcher (ECR). He is the recipient of *Petro-Canada Young Investigator Award* (2018), *Concordia University Research Chair-Young Scholar* (2019), and Mid-Career Research Award in Engineering at the UofA. He is associate editors/young associate editors of several international journals including *Frontiers in Chemistry*, *Energy & Environmental Materials*, and *Renewables*, and editorial board members of *Sustainability: Sustainable Chemistry*, and *Current Trends in Chemical Engineering and Processing Technology*. He has been invited as lead guest editors and guest editors for many special journal issues. Prof. Wang has organized, chaired or co-chaired many national (*e.g.*, CCEC, CCCE) and international (*e.g.*, MRS, ECS, PacifiChem, EEST) conferences on energy or materials. He serves as referees for over 70 international journals, and four funding agencies (including NSERC, Mitacs, SSHRC, and CIIRDF).