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Prof. Quan-Feng Dong is a full professor of chemistry at Xiamen University, China. He obtained his Ph.D. in chemistry at Wuhan University and was a post-doctoral fellow at Israel Institute of Technology (TECHNION). His main research interests include electrochemical storage systems and relative storage materials, facile and smart storage devices with high energy density and high power density. He has undertaken NSFC projects, National 973 Programs, National 863 Programs, National defence projects etc. He published over 150 papers in journals, and 3 reviews in 3 books.

Research on Electrochemical Energy Storage Systems and Related Key Materials

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The report introduces the research situation of our group, including the main research directions, research ideas and research features. The latest research results are summarized and introduced briefly here, mainly on lithium sulphur battery, lithium air battery, POMs-based energy storage system and a high power electrochemical energy storage system.