

## Biography

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Prof. Zheng Jiang is currently a professor in Shanghai Advanced Research Institute, the director of Material and Energy Research Department and the beamline leader of X-ray Absorption Fine Structure (BL14W1). After receiving his Ph.D. degree from University of Science and Technology of China in 2005, he then worked in SSRF. In 2007 and 2013, he went to Australian Synchrotron and BESSYII HZB respectively as senior visiting scholar. Now, he is in charge of the spectroscopic beamlines of Shanghai Synchrotron Radiation Facility (SSRF) Phase II project and deputy chief engineer of beamlines in Shanghai High Repetition Rate XFEL and Extreme Light Facility (SHINE). His main research interests focus on: 1) design and construction of X-ray spectroscopy beamlines; 2) developing advanced synchrotron radiation X-ray spectroscopy methods, including high-energy-resolution XES, HERFD-XAFS, RIXS, operando/in-situ X-ray spectroscopy and so on forming a research system for energy materials from single atom to cluster. To date, he has published over 400 papers in peer-reviewed journals, such as Nature, Nat. Chem., Nat. Commun., Angew., JACS, etc, which have been cited more than 20,000 times. Besides, Prof. Zheng has been selected as Clarivate Analytics Highly Cited Researcher for two consecutive years (2020/2021).