

Biography:

Dr. Zhiyong Fan received PhD degree from University of California, Irvine in 2006 then worked as a postdoctoral fellow at UC Berkeley and Lawrence Berkeley National Laboratory in 2007~2010. He joined Hong Kong University of Science and Technology (HKUST) in 2010 and now is a full professor at the Department of Electronic and Computer Engineering. He is the Director of Center on Smart Sensors and Environmental Technologies, Associate Director of Materials Fabrication and Preparation Facility of HKUST, and Associate Director of Guangdong-Hong Kong-Macao Joint Laboratory for Intelligent Micro-Nano Optoelectronic Technology. He is also a member of the State Key Laboratory of Advanced Display and Optoelectronics Technologies at HKUST, Fellow of the Royal Society of Chemistry, Fellow of Optica, Senior Member of IEEE, and Founding Member of the Young Academy of Sciences of Hong Kong. He is an Associate Editor of Journal of Semiconductors. He has won a number of awards, including 2022 Tencent Xplorer Prize, 2022 HKBOC Science and Technology Innovation Prize, Shandong Natural Science Second Prize, 2022 and 2020 Top 10 Research Progress on Semiconductors in China, HKUST SENG Young Investigator Award, Outstanding Research Award, etc. His research interest is focused on functional nanomaterials and structures for electronic, optoelectronic and bionic electronic devices. Till date, he has published over to 220 peer reviewed papers in *Nature*, *Nature Photonics*, *Nature Materials*, *Nature Communications*, *Science Advances*, etc., with citations ~25,000, H index 85. He also has 30 Chinese and US patents.

