

BIOGRAPHY

Qijun Sun, Professor, Ph.D. supervisor, Principal Investigator of Functional Soft Electronics Lab in Beijing Institute of Nanoenergy and Nanosystems (CAS). His main research interests include piezo/triboelectric potential modulated semiconductor devices, mechanoplastic artificial synapse, neuromorphic computation, E-skin, 2D and organic electronic device, printing electronics, micro-nano fabrication nanogenerators and transparent conducting films. Based on the research topics, they aim to develop advanced systems for human health monitoring and human-machine interface. They have developed the triboiontronic transistor, mechanoplastic neuromorphic devices, transparent and stretchable E-skin based on graphene FET matrix, self-powered graphene E-skin active matrix, and multifunctional E-skin arrays. He has published over 100 papers in *Nat. Commun.*, *Sci. Adv.*, *Chem. Rev.*, *Energy Environ. Sci.*, *Adv. Mater.*, *Adv. Energy Mater.*, *Adv. Funct Mater.*, *ACS Nano*, *Nano Energy* etc. He has managed several projects from National Natural Science Foundation of China and national key R&D project from Ministry of Science and Technology.

