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Guohua Hu is an Assistant Professor at the Department of Electronic Engineering, The Chinese University of Hong Kong (CUHK). With research background in solution-processed low-dimensional materials and electronics, he is currently exploring their applications in neuromorphic electronics and computing for efficient secured AI and edge intelligence, including 1) emerging neuromorphic electronics and computing, and 2) data and hardware cryptography. His research leads to >70 peer-referred journal papers and conference precedings, including in Nature Communications, Science Advances, Advanced Materials, and Nano Letters, with >5,300 citations and an *h*-index of 31 (Google Scholar as of Dec. 2025). Prior to CUHK, he obtained his BEng degree from University of Electronic Science and Technology of China and PhD degree from University of Cambridge, and had the post-doc training at Cambridge Graphene Centre.