## Advances and Fusion of Organic and Perovskite Photovoltaics

Gang Li Hong Kong Polytechnic University, China

Abstract-

Prof. Gang Li is Chair Professor of Energy Conversion Technology, Sir Sze-Yuen Chung Endowed Professor in Renewable Energy in the Department of Electrical and Electronic Engineering (EEE), the Hong Kong Polytechnic University. He serves as Director (HK) of Guangdong-Hong Kong-Macao Joint Laboratory for Photonic-Thermal-Electrical Energy Materials and Devices, and Associate Director of HK PolyU's Research Institute for Smart Energy (RISE). His research interests are organic semiconductors, organo-metal halide hybrid perovskite semiconductors and thinfilm optoelectronic devices based on then — solar cells, photodetectors and LEDs. He has published  $\sim 300$  papers in peer review journals including Nature Materials, Nature Photonics, Nature Energy, Science, Nature Review Materials. His research works have



been cited over 85,000 times (Google Scholar), in which 21 papers have over 1000 citations each. He has been recognized as a Highly Cited Researcher from 2014 to 2024 (Materials Science 2014–2019; Physics 2017–2018, Chemistry 2018, Cross-field 2020–2024) by Thomson Reuter/Clarivate Analytic, with a H-Index of 99. He is Fellow of Royal Society of Chemistry (UK), Optica (OSA) Fellow, Fellow of The International Society for Optics and Photonics (SPIE), and Hong Kong RGC Senior Research Fellow.