Asst. Prof. Resul OZDEMIR

Resul Ozdemir is an academic researcher with expertise in the design, synthesis, and development of carbon-based materials for next-generation energy and electronic technologies. His research interests encompass PSCs and OPVs, OFETs, functional nanomaterials, and emerging optoelectronic technologies. He has authored more than 25 publications in the field. His current research focuses on the molecular engineering of novel small-molecular semiconductors, including dopant-free HTLs for PSCs, *n*-type and ambient-stable organic semiconductors for solution-processed OFETs, and functional organics for advanced optoelectronic applications.