

Amir PAKDEL – CV

Amir Pakdel is a seasoned nanomaterials scientist and nanotechnologist, boasting two decades of extensive academic and research experience spanning multidisciplinary domains such as materials engineering, chemistry, and physics. Currently, he is a faculty member and a research group leader within the School of Engineering at Trinity College Dublin (Ireland). Throughout his career, he has contributed his expertise to several distinguished institutions, including the National University of Ireland (Ireland), the Centre for Research on Adaptive Nanostructures and Nanodevices (CRANN; Ireland), the National Institute for Materials Science (NIMS, Japan) and the World Premier International Center for Materials Nanoarchitectonics (WPI-MANA, Japan).

Amir earned his PhD degree in Advanced Nanomaterials from the University of Tsukuba (Japan) and his MSc degree in Materials Selection and Characterization from the University of Tehran (Iran). His research portfolio encompasses a diverse array of topics, including thermal energy harvesting, energy storage, functional surfaces, flexible and wearable electronics, and electron microscopy analysis of materials. He has received numerous awards for his research work and secured several million Euros in competitive research funding as a PI/Co-PI from European/Asian agencies and industrial partners. His scholarly impact is further underscored by his senior authorship of over 50 scientific publications in esteemed international journals, and active participation in national and international conferences, delivering a significant number of presentations and communications.