Short CV with a photo of the presenter (a half page or less)

Dr. Hussein A. Mohammed

Dr Hussein holds a PhD degree in mechanical engineering obtained from Universiti Tenaga Nasional (UTN) jointly with the University of Southern Queensland (USQ) in Australia. He also has a Higher Degree Research in chemical and renewable energy engineering from Curtin University in Australia. He obtained his Bachelor's degree (1st Class Hons.) and Master's degree (1st Class Hons.) in mechanical engineering from Baghdad University in Iraq. His research interests and experience are in a wide range of inter-disciplinary areas in renewable energy technologies, integrated renewable energy systems for water desalination and Hydrogen production, phase change materials for energy storage; Li-ion batteries cooling strategies, nanotechnology; Numerical simulations using CFD; Miniature instrumentation development and testing; and High-speed fluid flow using Hypersonic Facilities for aerodynamics studies. He has published more than 200 refereed papers in prestigious peer-reviewed international journals with high impact factors. His h-index is (69) with a total number of citations of 17100 according to Google Scholar (Sept 2026). Dr. Hussein has been awarded many international and national research awards from his current and previous employers due to his significant contribution to research impact. He has been listed in the Top 28 Best Australian Scientists in Mechanical and Aerospace Engineering in 2023 (Research.com)

https://research.com/scientists-rankings/mechanical-and-aerospace-engineering/au
https://www.theaustralian.com.au/special-reports/these-40-researchers-are-lifetime-achievers-in-their-fields/news-story/42e5471af95b95dd3b95266968315fd4

