M. Hussein N. Assadi

Links

✉ h.assadi.2008@ieee.org

🌐 husseinassadi.com

◉ Creative & technical works
~/publications

in ~/m-hussein-n-assadi

ℊ ~/citations?user=o5ZdtA4AAAAJ

Ⓡ⁶ ~/profile/M-Hussein-N-Assadi-2

Languages

English – Fluent
Arabic – Fluent
Japanese – Functional
Turkish – Functional
Persian – Functional

Summary

Materials scientist, keen on advancing functional materials' efficiency for green energy production and climate change mitigation. Dedicated to extending involvement beyond the laboratory into government policy and public outreach initiatives. Enthusiastic about the unprecedented potential of artificial intelligence in addressing our environmental challenges.

Skill Highlights

- Green and renewable energies
- High-performance computing
- Scientific communication
- Scientific data visualisation
- Artificial Intelligence
- Research and laboratory management

Work Experience

Visiting Professor, *Istinye University*, Istanbul, Turkey (2024 – Now)

Research Scientist, *RIKEN*, Wako, Saitama, Japan (2022 – Now)

Visiting Senior Research Fellow, *The University of New South Wales*, Sydney, Australia (2020 – 2022)

Postdoctoral Fellow, *National Institute for Materials Science*, Tsukuba, Ibaraki, Japan (2016 – 2019)

Japan Society for Promotion of Science Fellow, *Osaka University*, Osaka, Japan (2013 – 2015)

Research Associate, *The University of New South Wales*, Sydney, Australia (2011 – 2013)

Schools Attended

The University of New South Wales (2011)
PhD (*Materials Science & Engineering*)

Australian Business School
GradCert (*Research Commercialisation*)

Charles Sturt University
UnderGrad (*Information Technology*)