



NUR FARIZAN MUNAJAT

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WoS ID: V-9502-2018

Scopus ID: 55962361500

EDUCATION

PHD (ENERGY TECHNOLOGY)
Kungliga Tekniska Högskolan (KTH)
2013

MSc (PHYSICS)
Universiti Teknologi Malaysia (UTM)
2006

BSc (INDUSTRIAL PHYSICS)
Universiti Teknologi Malaysia (UTM)
2003

CAREER PATH & EXPERIENCES

Senior Lecturer
Universiti Malaysia Terengganu (UMT)
2013 - Present

Lecturer
Universiti Malaysia Terengganu (UMT)
2006 - 2013

QA Engineer
Nemic Lambda (M) Sdn. Bhd.
2005 - 2006

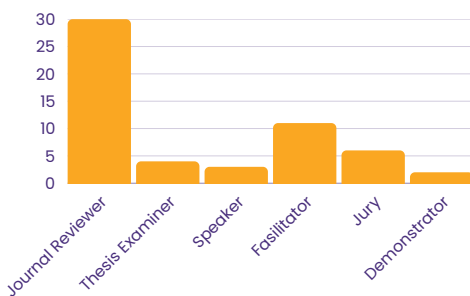
AWARDS

Selected awards: (Total = 15)



- Anugerah Khas Penyelidikan Tahun 2021, MAPI2023
- Best Poster Award, MPI2024
- Gold, MPI2024 - Ecovolt: Revolutionizing Battery Tech With Solar Pyrolyzed EFB Biochar
- Gold, MPI2019 - Products From Pyrolysis and Torrefaction of Seafood Waste

ACADEMIC RECOGNITIONS



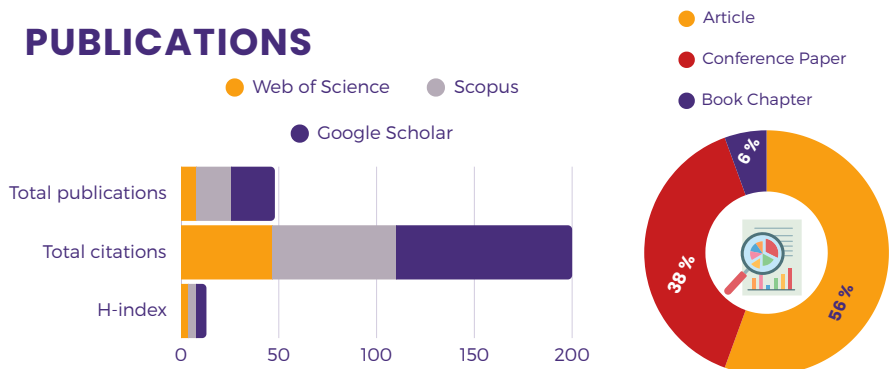
NETWORKING



EXPERTISE & RESEARCH INTEREST



PUBLICATIONS



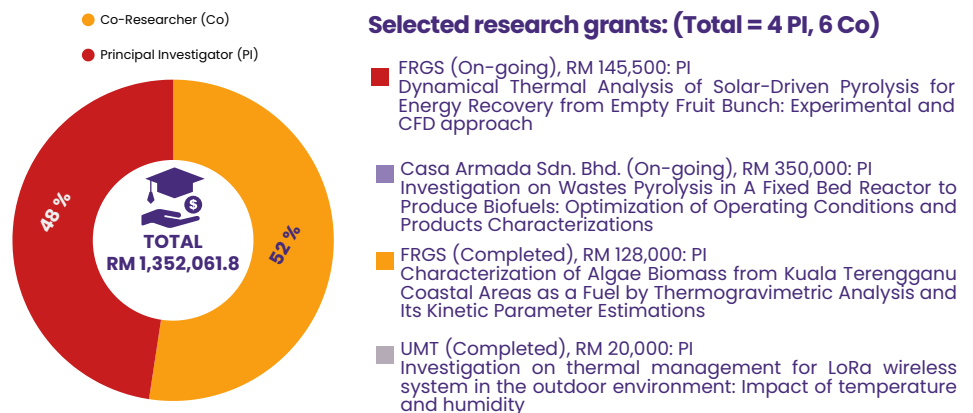
Selected publications:

- Hamed, A. S. A., Yahya, M. S., Latiff, N. A. A., Yusof, N. I. F. M., & **Munajat, N. F.** (2024). Thermochemical conversion of oil palm biomass and its applications: A bibliometric exploration of global trends over two decades. *Journal of Analytical and Applied Pyrolysis*, 181, 106568.
- Hamed, A., Yusof, N., Yahya, M., Cardozo, E., & **Munajat, N.** (2023). Concentrated solar pyrolysis for oil palm biomass: An exploratory review within the Malaysian context. *Renewable and Sustainable Energy Reviews*.
- Roslee, A. N., & **Munajat, N. F.** (2018). Comparative study on pyrolysis behavior and kinetics of two macroalgae biomass (*Ulva cf. flexuosa* and *hy.edulis*) using thermogravimetric analysis. *Jurnal Teknologi*, 80(2), 123-130.
- Munajat, N. F.**, Erlich, C., Fakhrai, R., & Fransson, T. H. (2012). Influence of water vapour and tar compound on laminar flame speed of gasified biomass gas. *Applied Energy*, 98, 114-121.

RESEARCH GRANTS

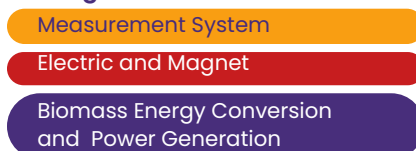


Selected research grants: (Total = 4 PI, 6 Co)



TEACHING & SUPERVISION

Undergraduate course:



Supervision:

