

Profile Image

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Faculty: Fakulti Kejuruteraan
Dan Alam Bina

AREAS OF EXPERTISE

Electrical Power Generation And Supply

Nano Materials

Nanotechnology

High Voltage

ACADEMIC QUALIFICATION

PhD in Kejuruteraan Elektrik Dan Elektronik (2021)

Master in Kejuruteraan Elektrik Dan Elektronik (2017)

Bachelor in Kejuruteraan Elektrik (2014)

SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0, Ongoing: 0

PUBLICATION

1. PERFORMANCE EVALUATION OF NATURAL ESTER OILS AS SUSTAINABLE DIELECTRIC FLUIDS FOR TRANSFORMERS: AI ENHANCED STATISTICAL ANALYSIS

IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION

2024

JOURNAL

ERA

MAIN AUTHOR

2. DISSOLVED GASES ANALYSIS OF RICE BRAN OIL UNDER THERMAL FAULT FOR TRANSFORMER APPLICATION

2022 IEEE INTERNATIONAL CONFERENCE ON POWER AND ENERGY (PECON)

2023

PROCEEDING

SCOPUS

MAIN AUTHOR

3. DISSOLVED GASES ANALYSIS COMPARISON OF ELECTRICAL FAULTS BETWEEN RICE BRAN OIL AND MINERAL OIL INSULATION SYSTEMS

2022 INTERNATIONAL CONFERENCE ON POWER AND ENERGY (PECON)

2023

PROCEEDING

NON-INDEX

MAIN AUTHOR

4. RAMAN SPECTROSCOPY CHARACTERIZATION OF MINERAL OIL AND PALM OIL WITH ADDED MULTI-WALLED CARBON NANOTUBE FOR APPLICATION IN OIL-FILLED TRANSFORMERS

ENERGIES

2022

JOURNAL

ERA

MAIN AUTHOR

5. PERFORMANCE AND LIMITATION OF MINERAL OIL-BASED CARBON NANOTUBES NANOFLUID IN TRANSFORMER APPLICATION

AEJ - ALEXANDRIA ENGINEERING JOURNAL

2022

JOURNAL

SCOPUS

MAIN AUTHOR

6. ELECTRICAL PROPERTIES AND RAMAN SCATTERING OF PALM OIL BASED CARBON NANOTUBE

KEY ENGINEERING MATERIALS

2022

JOURNAL

SCOPUS AND ERA

MAIN AUTHOR

7. A REVIEW ON PALM OIL-BASED NANOFLUIDS AS A FUTURE RESOURCE FOR GREEN TRANSFORMER

IEEE ACCESS

2022

JOURNAL

ISI

MAIN AUTHOR

8. SYSTEMATICAL STUDY OF MULTIWALLED CARBON NANOTUBE NANOFLUIDS BASED DISPOSED TRANSFORMER OIL

SCIENTIFIC REPORTS

2020

JOURNAL

SCOPUS AND ERA

MAIN AUTHOR

9. OPTIMUM ELECTRICAL AND DIELECTRIC PERFORMANCE OF MULTI-WALLED CARBON NANOTUBES DOPED DISPOSED TRANSFORMER OIL

ENERGIES

2020

JOURNAL

ERA

MAIN AUTHOR

10. A REVIEW ON OIL-BASED NANOFLUID AS NEXT-GENERATION INSULATION FOR TRANSFORMER APPLICATION

JOURNAL OF NANOMATERIALS

2020

JOURNAL

ERA

MAIN AUTHOR

11. STATISTICAL ANALYSIS ON AC BREAKDOWN VOLTAGE OF CNT NANOFLUID WITH MINERAL OIL AND PALM OIL

2018 IEEE 7TH INTERNATIONAL CONFERENCE ON POWER AND ENERGY (PECON)

2018

PROCEEDING

SCOPUS

MAIN AUTHOR

12. INVESTIGATION ON BREAKDOWN STRENGTH OF MINERAL OIL-BASED CARBON NANOTUBE

IEEE 6TH INTERNATIONAL CONFERENCE ON POWER AND ENERGY (PECON)

2016

PROCEEDING

SCOPUS

MAIN AUTHOR

