
Curriculum Vitae

Name: Dr. Ting Tiew Wei

List of Research:

Internal Grant

1. Heat Transfer Performance of Piezoelectric Actuated Spray Cooling in Automotive Radiator with Nanoparticle Suspension (3/2017/02)
2. Comparative Study on Heat Transfer Performance of Carbon Nanotube and Graphene-based Nanofluids in Heat Exchanger Application (1/2018/3)
3. Performance Analysis of Microwave Air Heater (MAH) for Agriculture Product Drying Application (4/2018/18)
4. High-Performance Graphene-Based Coolant for Thermal Efficiency Enhancement of Automotive Radiator (/2020/06)
5. Effects of surfactants on the dispersion stability and heat transfer performance of hybrid nanofluid containing graphene nanoplatelet and multi-walled carbon nanotube (3/2021/01)

External Grant -

1. Effective Phase-Change Heat Transfer Enabled by Ultra-Fast Water Permeation in Graphene Nanostructures (FRGS) – Jan 2019 – Dec 2021

List of Consultancy:

1. Development of Malaysia Driving Cycle Phase III – Sarawak (Malaysia Automotive Robotics and IoT Institute) – Jun 2019 – May 2020

List of Publications:

1. Ting, T. W., Hung, Y. M., Osman, M. S., & Yek, P. N. Y. (2018). Heat and Flow Characteristics of Nanofluid Flow in Porous Microchannels. *International Journal of Automotive and Mechanical Engineering*, 15(2), 5238–5250.
2. Toh, L. K. L., & Ting, T. W. (2019). Thermal performance of automotive radiator with graphene nanoplatelets suspension. *AIP Conference Proceedings*, 2059(1), 020012.
3. Moh, T. S. Y., Ting, T. W., & Lau, A. H. Y. (2020). Graphene Nanoparticles (GNP) nanofluids as key cooling media on a flat solar panel through micro-sized channels. *Energy Reports*, 6, 282–286.