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LIST OF PUBLICATION

The list of publication that is carried out during the present study:

List of Journals

ISI Indexed Journal

1. **Abdolbaqi, M.K.**, Azmi, W.H., Mamat, R., Sharma, K.V. and Najafi, G., 2016. Experimental investigation of thermal conductivity and electrical conductivity of BioGlycol–water mixture based Al_2O_3 nanofluid. *Applied Thermal Engineering*, 102, pp.932-941. **Published Q1 (IF=3.043)**
2. **Abdolbaqi, M.K.**, Sidik, N.A.C., Aziz, A., Mamat, R., Azmi, W.H., Yazid, M.N.A.W.M. and Najafi, G., 2016. An experimental determination of thermal conductivity and viscosity of BioGlycol/water based TiO_2 nanofluids. *International Communications in Heat and Mass Transfer*, 77, pp.22-32. **Published Q1 (IF=2.559)**
3. **Abdolbaqi, M.K.**, Sidik, N.A.C., Hamzah, W.A.W. and Mamat, R., 2016. An experimental determination of thermal conductivity and electrical conductivity of bio glycol based Al_2O_3 nanofluids and development of new correlation. *International Communications in Heat and Mass Transfer*, 73, pp.75-83. **Published Q1 (IF=2.559)**
4. **Abdolbaqi, M.K.**, Sidik, N.A.C., Mamat, R. and Hamzah, W.A.W., 2015. Experimental and numerical study of thermo-hydraulic performance of circumferentially ribbed tube with Al_2O_3 nanofluid. *International Communications in Heat and Mass Transfer*, 69, pp.34-40. **Published Q1 (IF=2.78)**
5. **Abdolbaqi, M.K.**, Azmi, W.H., Mamat, R., Mohamed, N.M.Z.N. and Najafi, G., 2016. Experimental investigation of turbulent heat transfer by counter and co-swirling flow in a flat tube fitted with twin twisted tapes. *International*

Communications in Heat and Mass Transfer, 75, pp.295-302. **Published Q1 (IF=2.559)**

6. **Abdolbaqi, M.K.**, Sidik, N.A.C., Rahim, M.F.A., Mamat, R., Azmi, W.H., Yazid, M.N.A.W.M. and Najafi, G., 2016. Experimental investigation and development of new correlation for thermal conductivity and viscosity of BioGlycol/water based SiO₂ nanofluids. *International Communications in Heat and Mass Transfer*, 77, pp.54-63. **Published Q1 (IF=2.559)**
7. **Abdolbaqi, M.K.**, Mamat, R., Sidik, N.A.C., Azmi, W.H. and Selvakumar, P., 2017. Experimental investigation and development of new correlations for heat transfer enhancement and friction factor of BioGlycol/water based TiO₂ nanofluids in flat tubes. *International Journal of Heat and Mass Transfer*, 108, pp.1026-1035. **Published Q1 (IF=2.857)**
8. **Abdolbaqi, M.K.**, Sidik, N.A.C., Mamat, R., Azmi, W.H., 2016. Experimental determination for heat transfer enhancement and friction factor of Bio Glycol/water based SiO₂ nanofluid in flat tube. *International Journal of Thermal Sciences* **Under review Q1 (IF=2.769)**
9. **Abdolbaqi, M.K.**, Sidik, N.A.C., Mamat, R., Azmi, W.H., 2016. Experimental and numerical investigation of turbulent nanofluid heat transfer by counter and co-swirling flow in a flat tube fitted with twin twisted tapes. *Applied Thermal Engineering*. **Under review Q1 (IF=3.043)**

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