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International Journal publications

- 1.**Iyahraja, S**, Selwin Rajadurai, J (2015), “Study of thermal conductivity enhancement of aqueous suspensions containing silver nanoparticles”, AIP Advances, Vol.5, Article Id: 057103, DOI: 10.1063/1.4919808 (Impact factor: 1.657) .
- 2.**Iyahraja, S**, Selwin Rajadurai, J (2016), “Stability of Aqueous Nanofluids Containing PVP-Coated Silver Nanoparticles”, Arabian Journal for Science and Engineering, Vol. 41, No. 2 , pp. 653-660, DOI 10.1007/s13369-015-1707-9 (Impact factor: 1.092).
- 3.**S Iyahraja**, J. Selwin Rajadurai, S. Rajesh, R. Seeni Thangaraj Pandian, M. Selva Kumaran & G. Selvakumar (2018), “Studies on heat transfer and pressure drop in turbulent flow of silver -water nanofluids through a circular tube at constant wall heat flux”, Heat and Mass Transfer, Vol.54, No.7, pp.2080-2099, <https://doi.org/10.1007/s00231-018-2291-9> (Impact Factor: 1.494).
- 4.**S.Iyahraja**, J.Selwin Rajadurai, B.Siva Subramanian, S.Siva Subramanian, P.Sivasankar & S.Subash (2019), “Investigation on convective heat transfer and friction factor of silver–water nanofluid under laminar flow – an experimental study”, Heat and Mass Transfer, Vol. 55, No. 10, pp.3029-3039, DOI: 10.1007/s00231-019-02640-y. (Impact Factor: 1.494).
- 5.N.Pradeep, K.Paramasivam, T.Rajesh, V.Subash Purusothamanan, **S.Iyahraja** (2020), “Silver Nanoparticles for Enhanced Thermal Energy Storage of Phase Change Materials”, Materials Today: Proceedings (In Press), <https://doi.org/10.1016/j.matpr.2020.02.671>.
- 6.J. Ajith Kumar, K. Vinoth Kumar, M. Petchimuthu, **S.Iyahraja**, D. Vignesh Kumar (2020), “Comparative analysis of briquettes obtained from biomass and charcoal”, Materials Today: Proceedings (In Press), <https://doi.org/10.1016/j.matpr.2020.02.918>.
- 7.S. Rakshamuthu, S. Jegan, J. Joel Benyameen, V. Selvakumar, K. Anandeeswaran, **S. Iyahraja** (2020), “Experimental Analysis of Small Size Solar Dryer with Phase Change Materials for Food Preservation”, Journal of Energy Storage (Accepted for Publication).

Signature of Supervisor