PUBLICATIONS IN PEER-REVIEWED/REFEREED JOURNALS

- Ali, H. M. and Briggs, A. (2012), <u>Condensation of R-113 on Pin-Fin Tubes: Effect of Circumferential Pin Thickness and Spacing</u>, Vol. 33, Issue 3, Pages 205-212, Heat Transfer Engineering. Impact Factor: 0.814
- Ali, H. M. and Briggs, A. (2013), <u>Condensation Heat Transfer on Pin-Fin Tubes: Effect of Thermal Conductivity and Pin Height</u>, Vol. 60, Pages 465-471, Applied Thermal Engineering. Impact Factor: 2.739
- Ali, H. M. and Briggs, A. (2012), <u>Condensation of ethylene glycol on Pin-Fin Tubes: Effect of Circumferential Pin Thickness and Spacing</u>, Vol. 49, Pages 9-13, Applied Thermal Engineering. Impact Factor: 2.739
- Ali, H. M. and Briggs, A. (2012), <u>Enhanced Condensation of ethylene glycol on Pin-Fin Tubes:</u> <u>Effect of Pin Geometry</u>, Vol. 134, 011503, ASME J. of Heat Transfer. Impact Factor: 1.45
- Bashir, M.A, Ali, H.M, Ali, M. and Siddiqui, A.M. (2013), <u>An Experimental Investigation of Performance of Photovoltaic Modules in Pakistan</u>, Online, J. Thermal Science. Impact Factor: 1.222
- Jajja, S.A., Ali, W. and Ali, H.M. (2014), <u>Multi Walled Carbon Nanotube Nanofluids for thermal</u> <u>management of high heat generating computer processors</u>, Vol. 43 (7), Page 653-666, Heat Transfer- Asian Research.
- Khattak, Z., Ahmed, J., Ali, H.M. and Shah, S. (2013), <u>Contemporary Dust Control Techniques in</u> <u>Cement Industry, Electrostatic Precipitator – A Case Study</u>, Vol. 22, Issue 2, Page 202-209, World Applied Sciences Journal.
- Jajja, S.A., Ali, W. Ali, H.M. and Siddiqui, A.M. (2014), <u>Water Cooled Mini Channel Heat Sinks</u> for <u>Microprocessor Cooling: Effect of Fin Spacing</u>, Vol. 64, Page 76-82, Applied Thermal Engineering. Impact Factor: 2.739
- Ali, H. M. and Briggs, A. (2014), <u>An investigation of Condensate Retention on Pin-Fin Tubes</u>, Vol. 63, Issue 2, Page 503-510, Applied Thermal Engineering. Impact Factor: 2.739
- Ali, H.M., Khattak, Z., Ahmed, J., and Shah, S. (2013), CDM (Clean Development Mechanism) Investigation of WHR (Waste Heat Recovery) Unit (A Cement Plant Case Study), Vol. 17, Issue 6B, Page 2765-2772, Information-An International Interdisciplinary Journal. Impact Factor: 0.358 (Thomson Reuters 2012)

- Bashir, M.A, Ali, H.M, Khalil, S, Ali, M. and Siddiqui, A.M. (2014), <u>Comparison of Performance</u> <u>Measurements of Photovoltaic Modules during Winter Months in Taxila, Pakistan</u>, Vol. 2014, Article ID 898414, International Journal of Photoenergy. Impact Factor: 1.563
- Ali, H.M, Mahmood, M, Bashir, M.A, Ali, M. and Siddiqui, A.M. (2014), <u>Outdoor Testing of</u> <u>Photovoltaic Modules during Summer in Taxila, Pakistan</u>, Online, J. Thermal Science. Impact Factor: 1.222
- Ali, H.M and Abubaker, M. (2014), Effect of Vapour Velocity on Condensate Retention on Horizontal Pin-Fin Tubes, Vol. 86, Page 1001-1009, Energy Conversion and Management. Impact Factor: 4.38
- 14. Ali, H.M and Ali, A. (2014), <u>Measurements and Semi-Empirical Correlation for Condensate</u> <u>Retention on Horizontal Integral-Fin Tubes: Effect of Vapour Velocity</u>, Vol. 71, Issue 1, Page 24-33, Applied Thermal Engineering. Impact Factor: 2.739
- Ali, H.M and Briggs, A. (2015), <u>A Semi-Empirical Model for Free-Convection Condensation on</u> <u>Horizontal Pin-Fin Tubes</u>, Vol. 81, Page 157-166, International J. of Heat and Mass Transfer. Impact Factor: 2.383
- 16. Ali, H.M, Bhatti, A. I. and Ali, M., (2014), <u>An Experimental Investigation of Performance of a Double Pass Solar Air Heater with Thermal Storage Medium</u>, Online, J. Thermal Science. Impact Factor: 1.222
- Ali, M., Vukovic, V., Sheikh, M. A. and Ali, H. M. (2015), <u>Enhancement and Integration of Desiccant Evaporative Cooling System Model under Transient Operating Conditions</u>, Vol. 75, Page 1093-1105, Applied Thermal Engineering. Impact Factor: 2.739
- Ali, M., Vukovic, V., Sheikh, M. A. and Ali, H. M. (2015), <u>Performance Investigation of Desiccant</u> <u>Evaporative Cooling System Configurations in Different Climatic Zones</u>, Vol. 97, Page 323-339, <u>Energy Conversion and Management.</u> <u>Impact Factor: 4.38</u>
- Ali, H. M., Zafar, M.A, Bashir, M.A and Siddiqui, A.M. (2015), <u>Effect of Dust Deposition on the Performance of Photovoltaic Modules in Taxila, Pakistan</u>, Online, J. Thermal Science. Impact Factor: 1.222
- 20. Noor, F., Imran, S., Ali, Z., Hussain, A., Ali, H. M. and Mehmood, S. (2015), <u>Oxidation Behaviour</u> of Nanoaluminum Particles in the Atmosphere of Air and Nitrogen, Vol. 43 (1), Page 47-56, Journal of the Pakistan Institute of Chemical Engineers (JPIChE).
- 21. Ahsan, A., Ali, M. and Ali, H. M., Rasheed, T., Qadeer, M.A. and Khan, S.A., (2015), Implementation Analysis of ISO 50001:2011 Energy Management System (EnMS) on a Small/Medium Enterprise, Vol. 20 (2), Page 72-80, Technical Journal of UET Taxila.

- 22. Ali, A. M., Arshad, W., Ali, H. M., Ali, M. and Nasir, M. A. (2015), <u>Evaluation of Nanofluids</u> <u>Performance for Simulated Microprocessor</u>, Online, J. Thermal Science. Impact Factor: 1.222
- 23. Khalid, O., Ali, M., Sheikh, N. A., Ali, H.M. and Manzoor, M. S. (2015), Experimental Analysis of An Improved Maisosenko Cycle Design under Low Velocity Conditions, Accepted, Applied Thermal Engineering. Impact Factor: 2.739
- 24. Ali, M, Ali, H.M, Moazzam, W and Saeed, M.B (2015), <u>Performance enhancement of PV cells</u> <u>through micro-channel cooling</u>, Vol. 3(4), Page 699-710, AIMS Energy.

PUBLICATIONS SUBMITTED IN PEER-REVIEWED/REFEREED JOURNALS

- 25. Ali, M., Vukovic, V., Ali, H. M. and Sheikh, M. A. (2015), Performance Analysis of Solar Assisted Desiccant Cooling System Cycles in World Climate Zones, submitted, Energy Conversion and Management. Impact Factor: 4.38
- Farooqi, M.I, Nasir, M.A, Ali, H. M. and Ali, Y. (2015), Experimental validation of transverse shear behavior of Nomex core for composite sandwich panels, submitted, Acta Metallurgica Sinica (English Letters).
 Impact Factor: 0.426
- Ali, H., Hayat, N., Farukh, Imran, S. and Ali, H. M. (2015), Key design features of multi glazed windows: A Review, Submitted, J. Thermal Science. Impact Factor: 1.222
- Iqbal, M. H., Ali, M., Sheikh, N. A., Ali, H.M. and Manzoor, M. S. (2015), Performance Investigation of Air Velocity Effects on PV Modules under Controlled Conditions, Submitted, J. Thermal Science. Impact Factor: 1.222

PUBLISHED FULL~LENGTH CONFERENCE PAPERS

- 29. Ali, H. M. and Briggs, A. (2009), Condensation of ethylene glycol on Pin-Fin Tubes: Effect of Circumferential Pin Geometry, Paper No. 65, 11th UK National Heat Transfer Conference, London, UK.
- 30. Ali, H. M. and Briggs, A. (2010), Condensation of Ethylene Glycol on Pin-Fin Tubes: Effect of Circumferential Pin Spacing and Thickness, proceedings of ASME-ATI-UIT Conference on Thermal and Environmental Issues in Energy Systems, Sorrento, Italy, pp. 1475-1480.

- 31. Ali, H. M., A Hassan and A Briggs (2010), Enhanced Condensation of Ethylene Glycol on Three-Dimensional Pin-Fin Tubes, 14th International Heat Transfer Conference, August 8-13 2010, Washington, DC, USA, Paper No. IHTC14-22110, pp. 11-17. DOI: 10.1115/IHTC14-22110
- 32. Ali, H. M. and Briggs, A., (2011), Effect of Tube Material on Condensation Heat Transfer on Pin-Fin Tubes, Paper No. 96, Proc. 12th U.K. Nat. Conf. on Heat Transfer, Leeds.
- 33. Briggs, A. and Ali, H.M., (2012), Surface Tension Enhanced Heat Transfer During Condensation on Finned Surfaces, Paper No. FG-59, 7th International Symposium on Multiphase Flow, Heat Mass Transfer and Energy Conversion, Xi'an, China.
- 34. Ali, H. M. and Briggs, A. (2013), An investigation of Condensate Retention on Pin-Fin Tubes, Proc. of the World Congress on Engineering 2013 (WCE 2013), Vol. 3, pp 1941-1946, July 3-5 2013, Imperial College, London, UK.
- 35. Bashir, M.A, Ali, H.M, Ali, M. and Siddiqui, A.M. (2013), An Experimental Investigation of Performance of Photovoltaic Modules in Pakistan, Proc. of the International Symposium on Innovative Materials for Processes in Energy Systems 2013 (IMPRES2013), Paper No. IMPRES2013-070, Sep. 4-6, Fukuoka, Japan.
- 36. Ali, M, Ali, H.M, Moazzam, W and Saeed, M.B (2015), Performance enhancement of PV cells through micro-channel cooling, WEENTECH Proceedings in Energy, Global Conference on Energy and Sustainable Development (GCESD), 24- 26, February 2015, Technology Park, Coventry University Coventry, United Kingdom, Vol. 1, pp. 211-217.