

No.	ID Ref.	Manuscript Title	Authors (corresponding*)
Papers accepted			
1	ANA010MY	Sensitivity study of Bubble diameter for prediction of flow pattern in homogeneous bubble column regime	M. Pourtousi, P. Ganesan, J N Sahu, Ghufuran Redzwan
2	ANA034MY	Wavelet Transform Of Acoustic Signal From A Ranque-Hilsch Vortex Tube	Yusman bin Istihat
3	ANA039KR	A Study on the Air flow Outside Ambient Vaporizer Fin	Geum-Seok Oh, Tae-Jin Lee, Hyo-Min Jeong, Han-Shik Chung
4	ANA042TH	Adaptive flux-based nodeless variable finite element formulation with error estimation for thermal-structural analysis	Suthee Traivivatana, Sutthisak Phongthanapanich, Pramote Dechaumphai
5	ANA059MY	Indoor Airflow Simulation inside Lecture Room: A CFD Approach	S. Lin, B.T.Tee
6	ANA060MY	Large Eddy simulation of natural ventilation for idealized terrace houses due to the effect of setback distance	T L Tuan Ab Rashid, A Abd Razak, S A Z Shaikh Salim, M F Mohamad, and M K Hassan
7	ANA061ID	Natural convection heat transfer in vertical triangular sub-channel in Zirconia-water nanofluid	Nathanael P Tandian, Ali A K Alkharboushi, K Kamajaya
8	ANA065MY	Numerical modelling of multi-pass solar dryer filled with granite pebbles for thermal storage enhancement	M W Kareem, Khairul Habib, M H Ruslan
9	ANA083MY	Geometric Optimization of Thermo-electric Coolers Using Simulated Annealing	Doan V. K. Khanh, P. Vasan , Irraivan Elamvazuthi, Vo N. Dieu
10	ANA084MY	Solidification of Cu-Water nanofluid in a trapezoidal cavity: A CFD study	R.K. Sharma, P. Ganesan
11	ANA085MY	Thermal comfort investigation on a naturally ventilated two-storey residential house in Malaysia	N A Malek, M H Khairuddin
12	ANA094KR	CFD Analysis of the Anti-Surge Effects by Water Hammering	Tae-oh Kim, Hyo-min Jeong, Han-shik Chung, Sin-il Lee, Kwang-sung Lee
13	ANA095CH	Double droplets simultaneous impact on liquid film	Yali Guo, Guiying Chen, Shengqiang Shen, Jingtao Zhang
14	ANA099MY	Study of heat transfer due to turbulent flow of nanofluids through rib-groove channel	Ali Najah Al-Shamani, K. Sopian, Azher M. Abed, M.A. Alghoul, M. H. Ruslan, Sohif Mat
15	ANA100KR	The theoretical analysis of the Fog removal in the LNG Ambient Vaporizer	TaeJin Lee, DaeChul Lee, HyoMin Jeong, HanShik Chung
16	ANA101CH	Theoretical model of static semi-ellipsoidal droplet on a horizontal surface	Shi Chen, Dewei Li, Shengqiang Shen, Ying Tao
17	ANA103MY	New vehicle bumper design for pedestrian protection during Impact	Hatam Samaka, Abreeza Manap, Faris Tarlochan
18	EEN006MY	Experimental Investigation on Design Enhancement of Axial Fan Using Fixed Guide Vane	Kannan M. Munisamy, Ramies Govindasamy, Savithry K. Thangaraju
19	EEN047PH	A Study of the Heat Transfer Coefficient of as Mini Channel Evaporator with R-134a as Refrigerant	Elmer B. Dollera1, Eliseo P. Villanueva
20	EEN054PH	Experimental Investigation and Flow Process Computer Simulation of the Single Mini Channel Condenser for Vapor Compression Refrigeration System	Leonel L. Pabilona, Eliseo P. Villanueva
21	EEN056CH	Experimental Study on Submerged Steam Jet for Side Hole Nozzle	Wang Wei, Zhao Quanbin, Yuan Fang, Chong Daotong, Chen Weixiong, Yan Junjie
22	EEN058CH	Heat transfer, erosion and acid condensation characteristics for novel H-type finned oval tube	Guihua Tang*, Xuebin Zhao, Yuchen Wang
23	EEN086MY	Optimizing the operational parameters of a spherical sterilizer for the treatment of oil palm fresh fruit bunch	D Kumaradevan, K H Chuah, , L K Moey, V Mohan, W T Wan
24	EEN088IN	Numerical Investigation To Study Effect Of Radiation On Thermal Performance Of Radiator For Onan Cooling Configuration Of Transformer	Vipul Chandak, Sachin B. Paraman, Wim Van der Veken, Joris Codde
25	EEN096CH	Experimental investigation of shell-side steam pressure drop in crossflow in a horizontal falling-film tube bundle	S.Q. Sgeb, H. Liu, L.Y. Gong, X.S. Mu, R. Liu

26	EEN111ID	Application of Calcium Chloride as an Additive for Secondary Refrigerant in the Air Conditioning System Type Chiller to minimized Energy Consumption	A. Suwono
27	IND003MY	Electrical and Joule heating relationship investigation using Finite Element Method	Osama M. Mesalhy, Mohamed A. Abdelatif
28	IND024ID	Design Of Radial Turbo-Expander For Organic Rankine Cycle System	Maulana Arifin, Ari Darmawan Pasek
29	IND036MY	Experimental analysis and FEM simulation of loop heat pipe charged with diamond nanofluid for desktop PC cooling	P. Gunnasegaran, M.Z. Abdullah, M.Z. Yusoff
30	IND037KR	A Study on the Structural Characteristics and Shape of Outfitting Equipment Support in 300,000 DWT Crude Oil Tanker	Kwang-Woon Jeong , Hyo-Min Jeong, Jeong-Tae Kim, Myoung-Kuk Ji, Jeong-Hoo Park, Han-Shik Chung
31	IND038KR	A Study on the Compensation Margin on Welding Joint of Large Steel Plates in Shipyards	Jeong-Tae Kim, Hyo-Min Jeong, Kwang-Woon Jeong, Myoung-Kuk Ji, Chung-Kug Yun, Han-Shik Chung
32	IND051KR	Analysis of the Impact on water-based fire extinguishing pipe on the Earthquake	Jeong- Kyoon Lee, Prof. Man-Sung Hur
33	IND074ID	Study of Indonesian Low Rank Coal Utilization on Modified Fixed Bed Gasification for Combined Cycle Power Plant	Toto Hardianto, Agustinah Rizky Amalia, Putranegara Riauwindu, Aryadi Suwono
34	IND082MY	Simulation and Analysis of Temperature Distribution and Material Properties Change of a Thermal Heat sink Undergoing Thermal Loading in a Mobile Computer	Albinus E. Xavier, Lim Chin Seong
35	MAT012KR	A Study on the Surface Shape and Roughness of Aluminium Alloy for Heat Exchanger by Ball Endmilling	Eunju Lee, Yeongsik Kim, Hyomin jeong, Hanshik Chung
36	MAT013ID	Simulation and Experimental Study on Effect of Phase Change Material Thickness to Reduce Temperature of Photovoltaic Panel	Y.S Indartono, A. Suwono, B. Fernaldi, I.N. Zaini
37	MAT027KR	An Experimental Study of Thermal Performance of GN and MWCNTs-based Aqueous Nanofluids with Surfactants SDS and SDBS	A.K.M Mahmudul Haque, Tae-Jin Lee, Hyo-Min Jeong, Han-Shik Chung
38	MAT031ID	Thermal characteristics of non-edible oils as phase change materials candidate to application of air conditioning chilled water system	M Irsyad1,2, Y S Indartono2, A Suwono2, and AD Pasek2
39	MAT044MY	Heat-Assisted Machining for Material Removal Improvement	A.B Mohd Hadzley, S. Muhammad Hafiz, W. Azahar, R. IZamshah, K. Mohd Shahir, A. Abu
40	MAT076ID	The empirical correlations for natural convection heat transfer Al ₂ O ₃ and ZrO ₂ nanofluid in vertical sub-channel	K Kamajaya, E Umar, Sudjatmi
41	MAT098KR	Physical Properties Variation of Graphene and Multi Wall Carbon Nanotubes by Planetary Ball Mill and Heat Treatment	Gunwoo Jo, AKM Mahmudul Haque, Sedong Kim, Hyomin Jeong, Hanshik Chung
42	MAT106MY	Effect of pervaporation plate thickness on the rate of methanol evaporation in a passive vapor-feed direct methanol fuel cell	N F I Fauzi, U A Hasran[1], S K Kamarudin
43	MAT107MY	Effect of surface tension on SiO ₂ methanol nanofluids	M.H.U. Bhuiyan 1, 2, R. Saidur1, M.A. Amalina1, R.M. Mostafizur
44	MAT109MY	Investigation on stability and density of methanol based TiO ₂ nanofluids	R.M. Mostafizur, R. Saidur, A.R. Abdul Aziz, M.H.U. Bhuiyan
45	REF001MY	A PID de-tuned method for multivariable systems, applied at HVAC plant	Abu Bakar Ghazali
46	REF008MY	Theoretical Study of New Combined Absorption-Ejector Refrigeration System	Azher M.Abed, K. Sopian, M.A.Alghoul, Ali Najah Al-Shamani Mohd Hafid Ruslan, Sohif Mat
47	REF016IN	Applications of Jet Ejectors for efficient refrigeration and modelling of Multi Phase Multi Fluid flow in Ejectors	D Konar, M.Ramgopal
48	REF040KR	A Study on the Ventilation Method for a Factory Exposed to High Temperature	Yeong-Sik Kim, Eun-Ju Lee, Hyo-Min Jeong, Han-Shik Chung
49	REF049MY	ACMV Energy Analysis for Academic Building: A Case Study	R. Hywel, M.Y. Arifin1, C.K. Gan, B.T.Tee
50	REF053EG	Effects of Air Outlets Geometry on Predicted Human Comfort inside Rooms: CFD vs. ADPI	T. M. Abou-Deif, E.M. El-Bialy, E. E. Khalil

51	REF080MY	Thermal Environmental Case Study of an Existing Underfloor Air Distribution (UFAD) System in a High-Rise Building in the Tropics	Yat H Yau, Kai S Poh
52	REN002MY	Cooling channel designs for air-cooled PEM fuel cell application using numerical approach	Wan Ahmad Najmi bin Wan Mohamed
53	REN004MY	Temperature Dependences on Various Types of Photovoltaic (PV) Panel	I A Audwinto, C S Leong, K Sopian, S H Zaidi
54	REN015MY	Viscosity Model for Predicting the Power Output from Ocean Salinity and Temperature Energy Conversion System (OSTEC) Part 2: Computer Simulation	SK Lee, Ag Sufiyan Abd Hamid, Jedol Dayou, Rubena Yusoff, Fauziah Sulaiman, Ejria Saleh, HLH Chong
55	REN019MY	Study of Solar Driven Silica gel-Water based Adsorption Chiller	Khairul Habib, Morteza K. Assadi, M Hazwan B Zainudin
56	REN035PH	A Study on the Performance of the Split Reaction Water Turbine with Guide Ribs	Deuel H. Allen, Eliseo P. Villanueva
57	REN055ID	Experimental Study Of Additives On Viscosity Biodiesel At Low Temperature	Berkah Fajar, Sukarno
58	REN057MY	Feasibility Study on Pliant Media Drying using Fluidized Bed Dryer	Jamal Hazri Zakaria, Mohd Hadi Hashemi, Mohd Faizal Mohideen Batcha, Norzelawati Asmuin
59	REN087KR	Characteristics of electricity production by metallic and non-metallic anodes immersed in mud sediment using sediment microbial fuel cell	Niamul Haquea, Daechul Chob, Sunghyun Kwona
60	REN091MY	A computation ANN model for quantifying the global solar radiation: A case study of Al-Aqabah-Jordan	Issediq M. Abolgasem, M.A. Alghoul, M.H. Ruslan, H-Y. Chan, K. Sopian
61	REN108MY	Performance Analysis of Solar-Wind-Diesel-Battery Hybrid Energy System for KLIA Sepang Station of Malaysia	S.K.A. Shezan, M.A.Kibria, H. Altab, R. Saidur

Revised Papers not received

1	ANA017KR	CFD Analysis of LNG Vaporizer with Tube Bundle Distance	Sin-il Lee, Hyo-min Jeong, Han-shik Chung, Kwang-sung Lee, Chung-Kug Yun, Jung-hoon Song
2	ANA097	Modeling of the pores form influence on the hydraulic resistance of membranes and their permeability	Zhanat Umarova, Sevara Kurakbayeva
3	ANA102EG	Effect of attack and cone angels on air flow characteristics for staggered wing	Sayed Ahmed E. Sayed, Emad Z. Ibrahim,
4	EEN110MY	Experimental investigations on fixed guide vane application with varying rotor blade pitch angles	Kannan M. Munisamy*, Ramies Govindasamy, Savithry K. Thangaraju, Sangeethaa Kanaratanam
5	IND089KR	Smart Quality Monitoring during Distribution of Fresh Food Converging ICT	B.S. Kim, J.Y. Kim, J.H. Kim, M. Koo, K.H. Oh, J.Y. Jung

Paper not received

1	ANA005MY	Numerical Study on the Melt Filling during Microelectronic Encapsulation Process	A S Hadzirah, M K Abdullah, Z M Ariff, M Z Abdullah, M S A Manan, H Yusoff
2	ANA029KR	The Comparison of CFD Analysis and Experiments of Bubbe Pump on Capacity of Heat Medium	Kwang-sung Lee, Sin-il Lee
3	ANA030KR	A Study on the Fog Velocity and Ice Shape Outside Ambient Vaporizer Fin	Tae-Jin Lee, Dae-Chul Lee, Hyo-Min Jeong, Han-Shik Chung, Jong-Geun Mo5, Dae-Un Kim
4	ANA033MY	Effect of Temperature on the Melt Filling during Injection Moulding Process	M S Rusdi, M Z Abdullah, A S Mahmud, C Y Khor, M S A Aziz, M K Abdullah
5	ANA062MY	Numerical investigation of Jet Impingement of water on a flat plate surface	Husam A. Hasan, K. Sopian
6	ANA063MY	Numerical Investigation on Heat Transfer Enhancement of ribs in a circular tube with Al2O3 Nanofluids	Adnan H. Rasheed, A. Amir H. Kadhum1, Husam A. Hasan

7	ANA064MY	Numerical investigation on helical tape diameter and its effect to the performance of Ranque-Hilsch Vortex Tube	Nurhasanah Ismail, Wirachman Wisnoe, Muhammad Fairus Remeli
8	EEN046KR	A Study of Condensation Heat Transfer Correlation	Yun-jae Ju
9	EEN070MY	Review of Nanofluids for improvement the efficiency for solar collectors	Husam A. Hasan, K. Sopian
10	IND032MY	Gold pre-tinning through single dynamic wave soldering for pin through-hole and surface mount components	Mohd Sharizal Abdul Aziz , Mohd Zulkifly Abdullah, Chu Yee Khor, A M Iqbal, M S Rusdi, M K Abdullah, Fakhrozi Che Ani, Azman Jalar, Nor Hana Adam, M. Mazlan
11	IND077CH	The Natural Vacuum Desalination Technology in Seawater Desalination	Xiaohua Liu, Xinchun Zhang, Shengqiang Shen, Yaqin Fang, Mingming Zhu
12	MAT021KR	Facile Synthesis of Graphene and Silver Hybrid Material	Myekhlai Munkhshur, Hanshik Chung & Hyomin Jeong
13	MAT041ID	A theoretical model for predicting the thermal conductivity of zirconia-water based nanofluids	Diah Hidayanti, Nathanael P Tandian, Aryadi Suwono, Efrizon Umar
14	MAT068MY	Photo-induced of Alkyl Monolayer on Silicon Surface as Interface Layer for Light Harvesting Material	Nuru Aqidah Mohd Sinin, Mohd Nirizam Md Daud, Mohd Asri Mat Teridi, Suhaila Sepeai, Norashikin Ahmad Ludin, Kamaruzzaman Sopian, Mohd Adib Ibrahim
15	REF067KR	Performance Evaluation of HFC32/HFC152a and HFC32/HFC134a Mixtures for Heat Pumps	Wook Jin Kim
16	REF075KR	Study on the Performance Characteristics with Design Parameters of Geothermal Heat Pump System	Myoung-kuk Ji, Sun-hyeng Jo, Gwang hyeon Han, Hyo-min Jeong, Han-shik Chung
17	REF090ID	The variety of furniture arrangement inside apartment unit around Jabodetabek area to improve COPc	Bambang Iskandriawan
18	REF092MY	An integrated solar assisted heat pump system for space cooling, water heating and air drying	Sany Izan Ihsan
19	REF104CH	Estimating the Viscosity of Pure Refrigerants and Their Mixtures by Free-Volume Theory	Maogang He
20	REN002MY	Cooling channel designs for air-cooled PEM fuel cell application using numerical approach	Wan Ahmad Najmi bin Wan Mohamed
21	REN018MY	Fuzzy Linear Programming for Energy Planning in India with Focus on Cost of Biogas Based Power Generation	Jebaraj S, Iniyas S
22	REN045KR	A Performance Enhancement for Ubiquitous Indoor Networking Using VLC-LED Driving Module	Geun-Bin Hong
23	REN048KR	A Study on Designation of Low-Carbon in Gapa Remote Islands Using Demand Forecasting of Power	Bo-Bae Lee
24	REN052ID	Development of Reciprocating Heating Medium in Hydrothermal Process to Produce Solid Fuel from Waste	P Prawisudha, G F Muqmin, A D Pasek