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1	A Mathematical model of heat transfer reduction in double roof system coupled with phase change materials and radiant barrier	Jirod chaisan, Somchai Maneewan*, Chantana Punlek, and Pattana Rakkwamsuk	Thailand	ANA023TH
2	A Performance Enhancement for Ubiquitous Indoor Networking Using VLC-LED Driving Module	Geun-Bin Hong	Korea	REN045KR
3	A PID de-tuned method for multivariable systems, applied at HVAC plant	Abu Bakar Ghazali*	Malaysia	REF001MY
4	A Study of Condensation Heat Transfer Correlation	Yun-jae Ju	Korea	EEN046KR
5	A Study of the Heat Transfer Coefficient of as Mini Channel Evaporator with R-134a as Refrigerant	Elmer B. Dollera1, Eliseo P. Villanueva	Philippines	EEN047PH
6	A Study of the Ventilation Way for a Factory Exposed on High Temperature	Yeong-Sik Kim*, Eun-Ju Lee, Hyo-Min Jeong, Han-Shik Chung	Korea	REF040KR
7	A Study on Designation of Low-Carbon in Gapa Remote Islands Using Demand Forecasting of Power	Bo-Bae Lee	Korea	REN048KR
8	A Study on the Air flow Outside Ambient Vaporizer Fin	Geum-Seok Oh*, Tae-Jin Lee, Hyo-Min Jeong, Han-Shik Chung	Korea	ANA039KR
9	A Study on the Compensation Margin on Welding Joint of Large Steel Plates in Shipyards	Jeong-Tae Kim*, Hyo-Min Jeong, Kwang-Woon Jeong, Myong-Kuk Ji, Chung-Kug Yun, Han-Shik Chung	Korea	IND038KR
10	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	Korea	ANA030KR
11	A Study on the Performance of the Split Reaction Water Turbine with Guide Ribs	Deuel H. Allen*, Eliseo P. Villanueva	Philippines	REN035PH
12	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	Korea	IND037KR
13	A Study on the Surface Shape and Roughness of Aluminium Alloy for Heat Exchanger by Ball Endmilling	Eunju Lee*, Yeongsik Kim, Hyomin jeong and Hanshik Chung	Korea	MAT012KR
14	A theoretical model for predicting the thermal conductivity of zirconia-water based nanofluids	Diah Hidayanti, Nathanael P Tandian, Aryadi Suwono, Efrizon Umar	Indonesia	MAT041ID
15	ACMV Energy Analysis for Academic Building: A Case Study	R. Hywel1, M.Y. Arifin1, C.K. Gan2, B.T.Tee[1]	Malaysia	REF049MY
16	Adaptive flux-based nodeless variable finite element formulation with error estimation for thermal-structural analysis	Suthee Traivivatana, Sutthisak Phongthanapanich and Pramote Dechaumphai*	Thailand	ANA042TH
17	Air Flow Visualization and Measurements by Particle Image Velocimetry (PIV) in a Cross-Ventilated House at Fluctuating Flow Conditions using a Large-Size Boundary-Layer Wind Tunnel	Y Arinami, S Akabayashi, J Sakaguchi, Y Takano, and J Wen	Japan	REF050JP
18	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 Chung4	Korea	MAT027KR
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22	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	Korea	ANA017KR
23	CFD Study on the Effort of Increasing the Efficiency of Cement Mill Fan	Prihadi Setyo Darmanto*, and Michael Ariefyanto Wibowo	Indonesia	EEN007ID
24	Cooling channel designs for air-cooled PEM fuel cell application using numerical approach	Wan Ahmad Najmi bin Wan Mohamed*	Malaysia	REN002MY
25	Cooling load reduction by using phase change material coating on AAC lightweight concrete	A Thongtha, S Maneewan*, C Punlek and Y Ungkoon	Thailand	MAT009TH
26	Design Of Radial Turbo-Expander For Organic Rankine Cycle System	Maulana Arifin*, Ari Darmawan Pasek	Indonesia	IND024ID
27	Development of Reciprocating Heating Medium in Hydrothermal Process to Produce Solid Fuel from Waste	P Prawisudha, G F Muqmin, A D Pasek	Indonesia	REN052ID
28	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*	Egypt	REF053EG
29	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	Malaysia	ANA033MY
30	Electrical and Joule heating relationship investigation using Finite Element Method	Savithry K. Thangaraju*, Kannan M. Munisamy	Malaysia	IND003MY
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33	Experimental Investigation and Flow Process Computer Simulation of the Single Mini Channel Condenser for Vapor Compression Refrigeration System	Leonel L. Pabilona, Eliseo P. Villanueva	Philippines	EEN054PH
34	Experimental Investigation on Design Enhancement of Axial Fan Using Fixed Guide Vane	Kannan M. Munisamy*, Ramies Govindasamy, Savithry K. Thangaraju	Malaysia	EEN006MY
35	Experimental Study Of Additives On Viscosity Biodiesel At Low Temperature	Berkah Fajar1, Sukarno2	Indonesia	REN055ID
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46	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	Malaysia	ANA060MY
47	Nanofluid for Improve Characteristics Flow in Rib Groove Channel	Ali Najah Al-Shamani*, K. Sopian, Azher M. Abed, M.A. Alghoul, M. H. Ruslan, Sohif Mat	Malaysia	MAT028MY
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49	Natural Convection Heat Transfer inside Vertical and Inclined Open Ended Equilateral Triangular Channels	Mahmoud S. Ahmed*, Hany A. Mohamed, Mohamed A. Omara, and Mohamed F. Abdeen	Egypt	EEN011EG
50	Numerical investigation of Jet Impingement of water on a flat plate surface	Husam A. Hasan*, K. Sopian	Malaysia	ANA062MY
51	Numerical Investigation on Heat Transfer Enhancement of ribs in a circular tube with Al ₂ O ₃ Nanofluids	Adnan H. Rasheed*, A. Amir H. Kadhum1, Husam A. Hasan	Malaysia	ANA063MY
52	Numerical investigation on helical tape diameter and its effect to the performance of Ranque-Hilsch Vortex Tube	Nurhasanah Ismail, Wirachman Wisnoe, Muhammad Fairus Remeli	Malaysia	ANA064MY
53	Numerical modelling of multi-pass solar dryer filled with granite pebbles for thermal storage enhancement	MW Kareem, Khairul Habib, MH Ruslan	Malaysia	ANA065MY
54	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 Yusoff4	Malaysia	ANA005MY
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63	Study of Air Flow Distribution in a Simple Room Model with a Model of a Human Body and Furniture using Particle Image Velocimetry (PIV)	J Sakaguchi, S Akabayashi, Y Takano, Y Arinami and J Wen	Japan	REF073JP
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65	Study of Solar Driven Silica gel-Water based Adsorption Chiller	Khairul Habib, Morteza K. Assadi, M Hazwan B Zainudin	Malaysia	REN019MY
66	Solidification of Cu-Water nanofluid in a trapezoidal cavity: A CFD study	R.K. Sharma, P. Ganesan	Malaysia	ANA084MY
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70	The Comparison of CFD Analysis and Experiments of Bubbe Pump on Capacity of Heat Medium	Kwang-sung Lee*, Sin-il Lee	Korea	ANA029KR
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72	The Natural Vacuum Desalination Technology in Seawater Desalination	Xiaohua Liu, Xinchun Zhang, Shengqiang Shen, Yaqin Fang, Mingming Zhu	China	IND077CH
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74	The prospects of Fresnel lens for low carbon energy generation and CO2 reduction	Abdulkarim Hamza El-ladan*, Kamaruzzaman Sopian, Saleem Hussain Zaidi	Malaysia	REN043MY
75	The Research Progress of Solar-driven Humidification-Dehumidification Desalination	Xiaohua Liu, Mingming Zhu, Shengqiang Shen, Xinchun Zhang	China	IND079CH
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