

Ahmet Selim Selim Dalkili

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133 papers	2,642 citations	30 h-index	46 g-index
160 ext. papers	3,137 ext. citations	4 avg, IF	5.45 L-index

#	Paper	IF	Citations
133	Experimental studies on the viscosity of TiO ₂ and Al ₂ O ₃ nanoparticles suspended in a mixture of ethylene glycol and water for high temperature applications. <i>Applied Energy</i> , 2013 , 111, 40-45	10.7	162
132	Intensive literature review of condensation inside smooth and enhanced tubes. <i>International Journal of Heat and Mass Transfer</i> , 2009 , 52, 3409-3426	4.9	115
131	A performance comparison of vapour-compression refrigeration system using various alternative refrigerants. <i>International Communications in Heat and Mass Transfer</i> , 2010 , 37, 1340-1349	5.8	105
130	Measurement of the thermal conductivity of titania and alumina nanofluids. <i>Thermochimica Acta</i> , 2012 , 545, 48-56	2.9	103
129	Numerical investigation on the single phase forced convection heat transfer characteristics of TiO ₂ nanofluids in a double-tube counter flow heat exchanger. <i>International Communications in Heat and Mass Transfer</i> , 2011 , 38, 218-228	5.8	99
128	A review of nanorefrigerants: Flow characteristics and applications. <i>International Journal of Refrigeration</i> , 2014 , 44, 125-140	3.8	94
127	Kinetic parameters of the translocation of bacteriophage T4 gene 41 protein helicase on single-stranded DNA. <i>Journal of Molecular Biology</i> , 1994 , 235, 1447-58	6.5	76
126	Effect of hydrogen enrichment on combustion characteristics, emissions and performance of a diesel engine. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 656-665	6.7	67
125	Performance characteristics of a microchannel heat sink using TiO ₂ /water nanofluid and different thermophysical models. <i>International Communications in Heat and Mass Transfer</i> , 2013 , 47, 98-104	5.8	67
124	Measurement and Correlation of the Viscosity of Water-Based Al ₂ O ₃ and TiO ₂ Nanofluids in High Temperatures and Comparisons with Literature Reports. <i>Journal of Dispersion Science and Technology</i> , 2013 , 34, 1697-1703	1.5	64
123	Engine performance and emission effects of diesel burns enriched by hydrogen on different engine loads. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 6702-6713	6.7	60
122	Experimental study on the thermal conductivity of water-based CNT-SiO ₂ hybrid nanofluids. <i>International Communications in Heat and Mass Transfer</i> , 2018 , 99, 18-25	5.8	59
121	Artificial neural network modeling of nanofluid flow in a microchannel heat sink using experimental data. <i>International Communications in Heat and Mass Transfer</i> , 2017 , 86, 25-31	5.8	57
120	Prediction of graphite nanofluids' dynamic viscosity by means of artificial neural networks. <i>International Communications in Heat and Mass Transfer</i> , 2016 , 73, 33-42	5.8	53
119	Numerical investigation of heat transfer and pressure drop in enhanced tubes. <i>International Communications in Heat and Mass Transfer</i> , 2011 , 38, 1384-1391	5.8	44
118	Effects of hydrogen and methane addition on combustion characteristics, emissions, and performance of a CI engine. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 1313-1325	6.7	42
117	Experimental investigation on the viscosity characteristics of water based SiO ₂ -graphite hybrid nanofluids. <i>International Communications in Heat and Mass Transfer</i> , 2018 , 97, 30-38	5.8	42

116	Experimental investigation on the viscosity of Water-CNT and Antifreeze-CNT nanofluids. <i>International Communications in Heat and Mass Transfer</i> , 2017 , 80, 47-59	5.8	40
115	An experimental study on two-phase flow patterns and heat transfer characteristics during boiling of R134a flowing through a multi-microchannel heat sink. <i>International Journal of Heat and Mass Transfer</i> , 2016 , 98, 390-400	4.9	40
114	Effect of void fraction models on the two-phase friction factor of R134a during condensation in vertical downward flow in a smooth tube. <i>International Communications in Heat and Mass Transfer</i> , 2008 , 35, 921-927	5.8	39
113	An experimental investigation on heat transfer characteristics of graphite-SiO ₂ /water hybrid nanofluid flow in horizontal tube with various quad-channel twisted tape inserts. <i>International Communications in Heat and Mass Transfer</i> , 2019 , 107, 1-13	5.8	38
112	Heat transfer and single-phase flow in internally grooved tubes. <i>International Communications in Heat and Mass Transfer</i> , 2013 , 42, 62-68	5.8	38
111	Artificial neural network techniques for the determination of condensation heat transfer characteristics during downward annular flow of R134a inside a vertical smooth tube. <i>International Communications in Heat and Mass Transfer</i> , 2011 , 38, 75-84	5.8	37
110	Condensation heat transfer characteristics of R-134a flowing inside the multiport minichannels. <i>International Journal of Heat and Mass Transfer</i> , 2013 , 64, 976-985	4.9	36
109	Experimental investigation of convective heat transfer coefficient during downward laminar flow condensation of R134a in a vertical smooth tube. <i>International Journal of Heat and Mass Transfer</i> , 2009 , 52, 142-150	4.9	36
108	Correlations for evaporation heat transfer coefficient and two-phase friction factor for R-134a flowing through horizontal corrugated tubes. <i>International Communications in Heat and Mass Transfer</i> , 2011 , 38, 1406-1413	5.8	32
107	Effect of void fraction models on the film thickness of R134a during downward condensation in a vertical smooth tube. <i>International Communications in Heat and Mass Transfer</i> , 2009 , 36, 172-179	5.8	32
106	Comparison of frictional pressure drop models during annular flow condensation of R600a in a horizontal tube at low mass flux and of R134a in a vertical tube at high mass flux. <i>International Journal of Heat and Mass Transfer</i> , 2010 , 53, 2052-2064	4.9	32
105	Experimental investigation of heat transfer coefficient of R134a during condensation in vertical downward flow at high mass flux in a smooth tube. <i>International Communications in Heat and Mass Transfer</i> , 2009 , 36, 1036-1043	5.8	30
104	Effect of hydrogen/diesel dual-fuel usage on performance, emissions and diesel combustion in diesel engines. <i>Advances in Mechanical Engineering</i> , 2016 , 8, 168781401666445	1.2	30
103	Forced Convective Heat Transfer of Nanofluids - A Review of the Recent Literature. <i>Current Nanoscience</i> , 2012 , 8, 949-969	1.4	29
102	Convective Heat Transfer of Al ₂ O ₃ -water Nanofluids in a Microchannel Heat Sink. <i>Current Nanoscience</i> , 2012 , 8, 317-322	1.4	28
101	Effect of hydrogen and oxygen addition as a mixture on emissions and performance characteristics of a gasoline engine. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 8750-8760	6.7	27
100	Experimental analysis of the single phase pressure drop characteristics of smooth and microfin tubes. <i>International Communications in Heat and Mass Transfer</i> , 2013 , 46, 58-66	5.8	26
99	An experimental study to determine the maximum efficiency index in turbulent flow of SiO ₂ /water nanofluids. <i>International Journal of Heat and Mass Transfer</i> , 2017 , 112, 1113-1121	4.9	25

98	Effect of surface roughness on the condensation of R-134a in vertical chevron gasketed plate heat exchangers. <i>Experimental Thermal and Fluid Science</i> , 2018 , 91, 54-63	3	25
97	Measurement of Specific Heat of Nanofluids. <i>Current Nanoscience</i> , 2012 , 8, 939-944	1.4	25
96	An experimental investigation on the performance characteristics of a hydroxygen enriched gasoline engine with water injection. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 692-702	6.7	23
95	Effect of the use of natural gas/diesel fuel mixture on performance, emissions, and combustion characteristics of a compression ignition engine. <i>Advances in Mechanical Engineering</i> , 2016 , 8, 1687814016643223	1.2	23
94	A numerical correlation development study for the determination of Nusselt numbers during boiling and condensation of R134a inside smooth and corrugated tubes. <i>International Communications in Heat and Mass Transfer</i> , 2013 , 48, 141-148	5.8	22
93	A novel ANN-based approach to estimate heat transfer coefficients in radiant wall heating systems. <i>Energy and Buildings</i> , 2017 , 144, 401-415	7	21
92	Two-phase friction factor in vertical downward flow in high mass flux region of refrigerant HFC-134a during condensation. <i>International Communications in Heat and Mass Transfer</i> , 2008 , 35, 1147-1152	5.8	21
91	Effects of hydrogen and oxygen enrichment on performance and emissions of an SI engine under idle operating condition. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 8607-8619	6.7	20
90	Investigation of pool boiling of nanofluids using artificial neural networks and correlation development techniques. <i>International Communications in Heat and Mass Transfer</i> , 2012 , 39, 424-431	5.8	19
89	Experimental investigation on the flow boiling of R134a in a multi-microchannel heat sink. <i>International Communications in Heat and Mass Transfer</i> , 2018 , 91, 125-137	5.8	16
88	New experimental approach on the determination of condensation heat transfer coefficient using frictional pressure drop and void fraction models in a vertical tube. <i>Energy Conversion and Management</i> , 2010 , 51, 2535-2547	10.6	16
87	A Theoretical Comparative Study on Nanorefrigerant Performance in a Single-Stage Vapor-Compression Refrigeration Cycle. <i>Advances in Mechanical Engineering</i> , 2015 , 7, 138725	1.2	15
86	A generalized numerical correlation study for the determination of pressure drop during condensation and boiling of R134a inside smooth and corrugated tubes. <i>International Communications in Heat and Mass Transfer</i> , 2013 , 49, 78-85	5.8	15
85	A correlation development for predicting the pressure drop of various refrigerants during condensation and evaporation in horizontal smooth and micro-fin tubes. <i>International Communications in Heat and Mass Transfer</i> , 2012 , 39, 937-944	5.8	15
84	A model of energy management analysis, case study of a sugar factory in Turkey. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2018 , 43, 1	1	14
83	Investigation of boiling heat transfer characteristics of R134a flowing in smooth and microfin tubes. <i>International Communications in Heat and Mass Transfer</i> , 2018 , 93, 21-33	5.8	14
82	Pressure drop characteristics of R134a during flow boiling in a single rectangular micro-channel. <i>International Communications in Heat and Mass Transfer</i> , 2016 , 71, 245-253	5.8	14
81	Measurement of the void fraction of R-134a flowing through a horizontal tube. <i>International Communications in Heat and Mass Transfer</i> , 2014 , 56, 8-14	5.8	14

80	Validation of void fraction models and correlations using a flow pattern transition mechanism model in relation to the identification of annular vertical downflow in-tube condensation of R134a. <i>International Communications in Heat and Mass Transfer</i> , 2010 , 37, 827-834	5.8	14
79	Two-phase flow boiling in a microfluidic channel at high mass flux. <i>Physics of Fluids</i> , 2020 , 32, 093309	4.4	14
78	Numerical investigation for the calculation of TiO ₂ -Water nanofluids' pressure drop in plain and enhanced pipes. <i>International Communications in Heat and Mass Transfer</i> , 2014 , 53, 98-108	5.8	13
77	Experimental Study on Evaporative Heat Transfer and Pressure Drop of R-134a Flowing Downward Through Vertical Corrugated Tubes with Different Corrugation Pitches. <i>Experimental Heat Transfer</i> , 2013 , 26, 41-63	2.4	12
76	Experimental analysis for the determination of the convective heat transfer coefficient by measuring pressure drop directly during annular condensation flow of R134a in a vertical smooth tube. <i>International Journal of Heat and Mass Transfer</i> , 2011 , 54, 1008-1014	4.9	12
75	Realistic experimental heat transfer characteristics of radiant floor heating using sidewalls as heat sinks. <i>Energy and Buildings</i> , 2019 , 183, 515-526	7	12
74	Experimental study on evaporative heat transfer and pressure drop of R-134a in a horizontal dimpled tube. <i>International Journal of Heat and Mass Transfer</i> , 2019 , 144, 118688	4.9	11
73	Pool-Boiling Heat Transfer Characteristics of Al ₂ O ₃ -Water Nanofluids on a Horizontal Cylindrical Heating Surface. <i>Current Nanoscience</i> , 2013 , 9, 56-60	1.4	11
72	Single phase flow heat transfer characteristics of quad-channel twisted tape inserts in tubes. <i>International Communications in Heat and Mass Transfer</i> , 2020 , 118, 104835	5.8	11
71	Single phase flow of nanofluid including graphite and water in a microchannel. <i>Heat and Mass Transfer</i> , 2020 , 56, 1-24	2.2	11
70	Experimental Study on the Stability and Viscosity for the Blends of Functionalized MWCNTs with Refrigeration Compressor Oils. <i>Current Nanoscience</i> , 2018 , 14, 216-226	1.4	10
69	Prediction of heat transfer coefficients and friction factors for evaporation of R-134a flowing inside corrugated tubes. <i>Heat and Mass Transfer</i> , 2014 , 50, 469-482	2.2	10
68	An investigation of a model of the flow pattern transition mechanism in relation to the identification of annular flow of R134a in a vertical tube using various void fraction models and flow regime maps. <i>Experimental Thermal and Fluid Science</i> , 2010 , 34, 692-705	3	10
67	Optimization of the finned double-pipe heat exchanger using nanofluids as working fluids. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 143, 859-878	4.1	10
66	Absorption refrigeration system using engine exhaust gas as an energy source. <i>Case Studies in Thermal Engineering</i> , 2018 , 12, 797-804	5.6	10
65	Experimental investigation of frost issue on various evaporators having different fin types. <i>International Communications in Heat and Mass Transfer</i> , 2017 , 86, 190-198	5.8	9
64	Experimental investigation of single-phase turbulent flow of R-134a in a multiport microchannel heat sink. <i>International Communications in Heat and Mass Transfer</i> , 2017 , 89, 47-56	5.8	9
63	Experimental Study on the Modeling of Condensation Heat Transfer Coefficients in High Mass Flux Region of Refrigerant HFC-134a Inside the Vertical Smooth Tube in Annular Flow Regime. <i>Heat Transfer Engineering</i> , 2011 , 32, 33-44	1.7	9

62	Condensation pressure drop characteristics of various refrigerants in a horizontal smooth tube. <i>International Communications in Heat and Mass Transfer</i> , 2011 , 38, 504-512	5.8	9
61	Effect of void fraction and friction factor models on the prediction of pressure drop of R134a during downward condensation in a vertical tube. <i>Heat and Mass Transfer</i> , 2012 , 48, 123-139	2.2	8
60	Investigation of empirical correlations on the determination of condensation heat transfer characteristics during downward annular flow of R134a inside a vertical smooth tube using artificial intelligence algorithms. <i>Journal of Mechanical Science and Technology</i> , 2011 , 25, 2683-2701	1.6	8
59	Pool-Boiling Heat Transfer Characteristics of Al ₂ O ₃ -Water Nanofluids on a Horizontal Cylindrical Heating Surface. <i>Current Nanoscience</i> , 2013 , 9, 56-60	1.4	8
58	Empirical correlations for the determination of R134a's convective heat transfer coefficient in horizontal and vertical evaporators having smooth and corrugated tubes. <i>International Communications in Heat and Mass Transfer</i> , 2016 , 76, 85-97	5.8	8
57	An experimental investigation devoted to determine heat transfer characteristics in a radiant ceiling heating system. <i>Heat and Mass Transfer</i> , 2018 , 54, 363-375	2.2	7
56	CFD Analysis of Smoke and Temperature Control System of an Indoor Parking Lot with Jet Fans. <i>Journal of Thermal Engineering</i> , 2015 , 1, 116	1.1	7
55	Determination of Optimum Velocity for Various Nanofluids Flowing in a Double-Pipe Heat Exchanger. <i>Heat Transfer Engineering</i> , 2017 , 38, 11-25	1.7	6
54	Evaluation of the performance of the empirical correlations used to predict R134a's boiling frictional pressure drop inside smooth and corrugated tubes. <i>International Communications in Heat and Mass Transfer</i> , 2017 , 81, 8-18	5.8	6
53	Prediction of frictional pressure drop of R134a during condensation inside smooth and corrugated tubes. <i>International Communications in Heat and Mass Transfer</i> , 2017 , 88, 183-193	5.8	6
52	Experimental Investigation on the Performance of a Parallel Plate-Based Active Magnetic Regenerator 2018 , 26, 1850018		6
51	Sizing charts of helical capillary tubes used in refrigeration and air conditioning. <i>Science and Technology for the Built Environment</i> , 2019 , 25, 1-10	1.8	6
50	Classification of in-tube boiling R134a data belonging to the smooth and corrugated tubes. <i>International Communications in Heat and Mass Transfer</i> , 2014 , 53, 185-194	5.8	6
49	A comprehensive approach to analyze the discrepancies in heat transfer characteristics pertaining to radiant ceiling heating system. <i>Applied Thermal Engineering</i> , 2021 , 187, 116517	5.8	6
48	Experimental Study on the Specific Heat Capacity Measurement of Water- Based Al ₂ O ₃ -Cu Hybrid Nanofluid by using Differential Thermal Analysis Method. <i>Current Nanoscience</i> , 2021 , 16, 912-928	1.4	6
47	An experimental investigation of the air-side performance of crimped spiral fin-and-tube heat exchangers with a small tube diameter. <i>International Journal of Heat and Mass Transfer</i> , 2021 , 178, 121571	4.9	6
46	Neural Network Based Analyses for the Determination of Evaporation Heat Transfer Characteristics During Downward Flow of R134a Inside a Vertical Smooth and Corrugated Tube. <i>Arabian Journal for Science and Engineering</i> , 2014 , 39, 1271-1290		5
45	Fundamental Basis and Application of Cold-Room Project Design: A Turkish Case Study. <i>Arabian Journal for Science and Engineering</i> , 2013 , 38, 1115-1130		5

44	Selection of the most suitable refrigerant for a shell and tube condenser. <i>Heat and Mass Transfer</i> , 2014 , 50, 183-197	2.2	5
43	Experimental investigation of the heat transfer and pressure drop characteristics of SiO ₂ /water nanofluids flowing through a circular tube equipped with free rotating swirl generators. <i>Heat and Mass Transfer</i> , 2020 , 56, 1613-1626	2.2	5
42	A Review of Recent Empirical Correlations for the Calculation of Determination of R134a Convective Heat Transfer Coefficient in Vertical Condensers. <i>International Communications in Heat and Mass Transfer</i> , 2015 , 69, 41-50	5.8	4
41	An Experimental Investigation of the Reynolds Analogy and its Modifications Applied to Annular Condensation Laminar Flow of R134a in a Vertical Tube. <i>Arabian Journal for Science and Engineering</i> , 2013 , 38, 1493-1507		4
40	Effects of the gap size on the flow pattern maps in a mini-gap annular channel. <i>Experimental Thermal and Fluid Science</i> , 2014 , 57, 420-424	3	4
39	A Comparison of the Void Fraction Correlations of R134A During Condensation in Vertical Downward Laminar Flow in a Smooth and Microfin Tube 2008 ,		4
38	A REVIEW OF FLOW BOILING IN MINI AND MICROCHANNEL FOR ENHANCED GEOMETRIES. <i>Journal of Thermal Engineering</i> , 2037-2074	1.1	4
37	Effect of saturation temperature and vapor quality on the boiling heat transfer and critical heat flux in a microchannel. <i>International Communications in Heat and Mass Transfer</i> , 2020 , 117, 104768	5.8	4
36	Prediction of friction factor of pure water flowing inside vertical smooth and microfin tubes by using artificial neural networks. <i>Heat and Mass Transfer</i> , 2017 , 53, 673-685	2.2	3
35	A complete evaluation method for the experimental data of flow boiling in smooth tubes. <i>International Communications in Heat and Mass Transfer</i> , 2017 , 89, 108-121	5.8	3
34	Experimental Apparatus for the Determination of Condensation Heat Transfer Coefficient for R134a and R600a Flowing Inside Vertical and Horizontal Tubes Respectively 2009 ,		3
33	Experimental Investigation on the Condensation Heat Transfer and Pressure Drop Characteristics of R134A at High Mass Flux Conditions During Annular Flow Regime Inside a Vertical Smooth Tube 2009 ,		3
32	Two-Phase Friction Factor Obtained From Various Void Fraction Models During Condensation of R134A in Vertical Downward Flow at High Mass Flux 2008 ,		3
31	Experimental Research on the Similarity of Annular Flow Models and Correlations for the Condensation of R134a at High Mass Flux Inside Vertical and Horizontal Tubes 2009 ,		3
30	FRICTION FACTOR CHARACTERISTICS FOR UPWARD SINGLE-PHASE FLOWS INSIDE SMOOTH AND MICROFIN TUBES OF A DOUBLE-PIPE HEAT EXCHANGER FOR HEATING/COOLING CONDITIONS. <i>Journal of Enhanced Heat Transfer</i> , 2013 , 20, 413-425	1.7	3
29	Machine learning approach to predict the heat transfer coefficients pertaining to a radiant cooling system coupled with mixed and forced convection. <i>International Journal of Thermal Sciences</i> , 2022 , 178, 107624	4.1	3
28	Natural convection heat transfer from horizontal concentric and eccentric cylinder systems cooling in the ambient air and determination of inner cylinder location. <i>Heat and Mass Transfer</i> , 2017 , 53, 2677-2692	2.3	2
27	Investigation of the effects of geometrical parameters on heat transfer from buried finned pipes. <i>Journal of Mechanical Science and Technology</i> , 2013 , 27, 2497-2506	1.6	2

26	Measurement of Similarity in Academic Contexts. <i>Publications</i> , 2017 , 5, 18	1.7	2
25	A Critical Review on Condensation Pressure Drop in Microchannels and Minichannels 2015 ,		2
24	A Numerical Investigation of Nanofluids Forced Convection Flow in a Horizontal Smooth Tube 2010 ,		2
23	AN EXPERIMENTAL INVESTIGATION ON RADIANT FLOOR HEATING SYSTEMS AT VARIOUS OPERATING CONDITIONS. <i>Journal of Thermal Engineering</i> ,751-771	1.1	2
22	Measurement of thermal conductivity and viscosity of ZnO@SiO ₂ hybrid nanofluids. <i>Journal of Thermal Analysis and Calorimetry</i> ,1	4.1	2
21	Numerical study and optimisation of the boiling of refrigerant in a vertical corrugated tube using vapour phase tracking. <i>International Journal of Heat and Mass Transfer</i> , 2022 , 183, 122116	4.9	2
20	Heat transfer and fluid flow characteristics in a plate heat exchanger filled with copper foam. <i>Heat and Mass Transfer</i> , 2020 , 56, 3261-3271	2.2	2
19	Experimental investigation on two-phase heat transfer of R-134a during vaporization in a plate heat exchanger with rough surface. <i>International Journal of Heat and Mass Transfer</i> , 2020 , 160, 120221	4.9	2
18	CFD analyses on the thermal comfort conditions of a cooled room: a case study. <i>Journal of Thermal Analysis and Calorimetry</i> ,1	4.1	2
17	A Critical Review on the Determination of Convective Heat Transfer Coefficient During Condensation in Smooth and Enhanced Tubes 2013 ,		1
16	Application of Artificial Neural Networks to Predict Heat Transfer From Buried Pipe for Ground Source Heat Pump Applications 2013 ,		1
15	Experimental Study on the Flow Regime Identification in the Case of Co-Current Condensation of R134a in a Vertical Smooth Tube 2010 ,		1
14	Comparison of Various Alternative Refrigerants for Vapour Compression Refrigeration Systems 2011 ,		1
13	Air-side performance of a micro-channel heat exchanger in wet surface conditions. <i>Thermal Science</i> , 2017 , 21, 375-385	1.2	1
12	Effect of geometrical parameters on the evaporative heat transfer and pressure drop of R-134a flowing in dimpled tubes. <i>Heat and Mass Transfer</i> , 2021 , 57, 465-479	2.2	1
11	Development of a prediction model using fully connected neural networks in the analysis of composite structures under bird strike. <i>Journal of Mechanical Science and Technology</i> , 2022 , 36, 709-722	1.6	0
10	Single-phase flow heat transfer characteristics in helically coiled tube heat exchangers. <i>Kerntechnik</i> , 2022 , 87, 1-25	0.4	0
9	Experimental and numerical studies on heat transfer enhancement for air conditioner condensers using a wavy fin with a rectangular winglet. <i>Journal of Mechanical Science and Technology</i> , 2020 , 34, 4307-4322	1.6	0

8	Determination of heat transfer rates of heavy-duty radiators for trucks having flattened and double-U grooved pipes with louvered fins by ANN method: an experimental study. <i>European Physical Journal Plus</i> , 2022 , 137, 1	3.1	o
7	An experimental study on the heat transfer characteristics over a radiant cooled wall exposed to mixed and forced convection driven by displacement ventilation. <i>International Communications in Heat and Mass Transfer</i> , 2022 , 135, 106122	5.8	o
6	Heat transfer and pressure drop characteristics of two phase flow in helical coils. <i>Thermal Science and Engineering Progress</i> , 2021 , 27, 101143	3.6	
5	Thermophysical Properties of Nanofluids. <i>Current Nanoscience</i> , 2021 , 17, 694-727	1.4	
4	A NONLINEAR CONSTITUTIVE THEORY FOR HEAT CONDUCTION IN LAGRANGIAN DESCRIPTION BASED ON INTEGRITY. <i>Journal of Thermal Engineering</i> , 2017 , 3, 1615-1631	1.1	
3	Effects of Sonication Time on the Stability and Viscosity of Functionalized MWCNT-Based Nanolubricants. <i>Current Nanoscience</i> , 2020 , 16, 639-654	1.4	
2	Fundamental basis and implementation of shell and tube heat exchanger project design: condenser and evaporator study. <i>Heat and Mass Transfer</i> , 2016 , 52, 2863-2878	2.2	
1	COMPREHENSIVE REVIEW ON THE FLOW CHARACTERISTICS OF TWO-PHASE FLOWS IN INCLINED TUBES. <i>Journal of Thermal Engineering</i> , 483-549	1.1	