

Ahmet Selim Selim Dalkili

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5144939/ahmet-selim-selim-dalkilic-publications-by-year.pdf>

Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
132	Single-phase flow heat transfer characteristics in helically coiled tube heat exchangers. <i>Kerntechnik</i> , 2022 , 87, 1-25	0.4	0
131	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
130	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	0
129	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
128	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	0
127	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	
126	Thermophysical Properties of Nanofluids. <i>Current Nanoscience</i> , 2021 , 17, 694-727	1.4	
125	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
124	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
123	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
122	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
121	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
120	Effects of Sonication Time on the Stability and Viscosity of Functionalized MWCNT-Based Nanolubricants. <i>Current Nanoscience</i> , 2020 , 16, 639-654	1.4	
119	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
118	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
117	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

116	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
115	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
114	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
113	Two-phase flow boiling in a microfluidic channel at high mass flux. <i>Physics of Fluids</i> , 2020 , 32, 093309	4.4	14
112	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
111	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
110	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
109	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
108	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
107	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
106	Experimental Investigation on the Performance of a Parallel Plate-Based Active Magnetic Regenerator 2018 , 26, 1850018		6
105	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
104	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
103	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
102	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
101	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
100	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
99	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

98	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
97	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
96	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
95	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
94	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
93	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	2.2	2
92	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
91	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
90	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
89	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
88	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
87	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
86	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
85	Measurement of Similarity in Academic Contexts. <i>Publications</i> , 2017 , 5, 18	1.7	2
84	Air-side performance of a micro-channel heat exchanger in wet surface conditions. <i>Thermal Science</i> , 2017 , 21, 375-385	1.2	1
83	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	
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	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

80	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
79	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
78	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
77	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
76	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	33
75	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	
74	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
73	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
72	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
71	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
70	A Review of Recent Empirical Correlations for the Calculation of Determination of R134a's Convective Heat Transfer Coefficient in Vertical Condensers. <i>International Communications in Heat and Mass Transfer</i> , 2015 , 69, 41-50	5.8	4
69	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
68	A Critical Review on Condensation Pressure Drop in Microchannels and Minichannels 2015 ,		2
67	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
66	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
65	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
64	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
63	A review of nanorefrigerants: Flow characteristics and applications. <i>International Journal of Refrigeration</i> , 2014 , 44, 125-140	3.8	94

62	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
61	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
60	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
59	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
58	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
57	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
56	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
55	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
54	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
53	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
52	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
51	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
50	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
49	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
48	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
47	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
46	A Critical Review on the Determination of Convective Heat Transfer Coefficient During Condensation in Smooth and Enhanced Tubes 2013 ,		1
45	Application of Artificial Neural Networks to Predict Heat Transfer From Buried Pipe for Ground Source Heat Pump Applications 2013 ,		1

44	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
43	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
42	FRICITION 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
41	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
40	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
39	Measurement of the thermal conductivity of titania and alumina nanofluids. <i>Thermochimica Acta</i> , 2012 , 545, 48-56	2.9	103
38	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
37	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
36	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
35	Forced Convective Heat Transfer of Nanofluids - A Review of the Recent Literature. <i>Current Nanoscience</i> , 2012 , 8, 949-969	1.4	29
34	Measurement of Specific Heat of Nanofluids. <i>Current Nanoscience</i> , 2012 , 8, 939-944	1.4	25
33	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
32	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
31	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
30	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
29	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
28	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
27	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

26	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
25	Comparison of Various Alternative Refrigerants for Vapour Compression Refrigeration Systems 2011 ,		1
24	Experimental Study on the Flow Regime Identification in the Case of Co-Current Condensation of R134a in a Vertical Smooth Tube 2010 ,		1
23	A Numerical Investigation of Nanofluids Forced Convection Flow in a Horizontal Smooth Tube 2010 ,		2
22	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
21	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
20	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
19	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
18	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
17	Experimental Apparatus for the Determination of Condensation Heat Transfer Coefficient for R134a and R600a Flowing Inside Vertical and Horizontal Tubes Respectively 2009 ,		3
16	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
15	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
14	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
13	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
12	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
11	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
10	Two-Phase Friction Factor Obtained From Various Void Fraction Models During Condensation of R134A in Vertical Downward Flow at High Mass Flux 2008 ,		3
9	A Comparison of the Void Fraction Correlations of R134A During Condensation in Vertical Downward Laminar Flow in a Smooth and Microfin Tube 2008 ,		4

8	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
7	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
6	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
5	A REVIEW OF FLOW BOILING IN MINI AND MICROCHANNEL FOR ENHANCED GEOMETRIES. <i>Journal of Thermal Engineering</i> , 2037-2074	1.1	4
4	AN EXPERIMENTAL INVESTIGATION ON RADIANT FLOOR HEATING SYSTEMS AT VARIOUS OPERATING CONDITIONS. <i>Journal of Thermal Engineering</i> , 751-771	1.1	2
3	Measurement of thermal conductivity and viscosity of ZnO/BiO ₂ hybrid nanofluids. <i>Journal of Thermal Analysis and Calorimetry</i> , 1	4.1	2
2	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
1	COMPREHENSIVE REVIEW ON THE FLOW CHARACTERISTICS OF TWO-PHASE FLOWS IN INCLINED TUBES. <i>Journal of Thermal Engineering</i> , 483-549	1.1	