

List of Publications by Year in  
Descending Order

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

112 papers	4,136 citations	39 h-index	61 g-index
116 ext. papers	4,949 ext. citations	4.5 avg, IF	6.09 L-index

#	Paper	IF	Citations
112	Green bio glycol Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> hybrid nanofluids for PEMFC: The thermal-electrical-hydraulic perspectives. <i>International Communications in Heat and Mass Transfer</i> , <b>2022</b> , 131, 105870	5.8	1
111	Performance of Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> /PAG composite nanolubricants in automotive air-conditioning system. <i>Applied Thermal Engineering</i> , <b>2022</b> , 204, 117998	5.8	0
110	Tribological performance of Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> /PAG composite nanolubricants for application in air-conditioning compressor. <i>Wear</i> , <b>2022</b> , 492-493, 204238	3.5	2
109	Comparative air conditioning performance using SiO <sub>2</sub> and Al <sub>2</sub> O <sub>3</sub> nanolubricants operating with Hydrofluoroolefin-1234yf refrigerant. <i>Applied Thermal Engineering</i> , <b>2022</b> , 205, 118053	5.8	2
108	Heat transfer and electrical discharge of hybrid nanofluid coolants in a fuel cell cooling channel application. <i>Applied Thermal Engineering</i> , <b>2022</b> , 210, 118369	5.8	1
107	Thermal hydraulic performance for hybrid composition ratio of TiO <sub>2</sub> -SiO <sub>2</sub> nanofluids in a tube with wire coil inserts. <i>Case Studies in Thermal Engineering</i> , <b>2021</b> , 25, 100899	5.6	12
106	Extensive examination of sonication duration impact on stability of Al <sub>2</sub> O <sub>3</sub> -Polyol ester nanolubricant. <i>International Communications in Heat and Mass Transfer</i> , <b>2021</b> , 126, 105418	5.8	8
105	Thermal-electrical-hydraulic properties of Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> hybrid nanofluids for advanced PEM fuel cell thermal management. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2021</b> , 143, 1555-1567	4.1	12
104	Experimental determination of thermophysical properties of Indonesian fly-ash nanofluid for heat transfer applications. <i>Particulate Science and Technology</i> , <b>2021</b> , 39, 597-606	2	14
103	Recent Progress on Stability and Thermo-Physical Properties of Mono and Hybrid towards Green Nanofluids. <i>Micromachines</i> , <b>2021</b> , 12,	3.3	11
102	Stability and thermo-physical properties of green bio-glycol based TiO <sub>2</sub> -SiO <sub>2</sub> nanofluids. <i>International Communications in Heat and Mass Transfer</i> , <b>2021</b> , 126, 105402	5.8	9
101	Development of Automotive Air-Conditioning System Test Rig for Hybrid Electric Vehicles. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 2000, 012006	0.3	
100	Thermo-physical Properties of TiO <sub>2</sub> -SiO <sub>2</sub> Hybrid Nanofluids Dispersion with Water/Bio-glycol Mixture. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 2000, 012003	0.3	0
99	Experimental and numerical study of heat transfer and friction factor of plain tube with hybrid nanofluids. <i>Case Studies in Thermal Engineering</i> , <b>2020</b> , 22, 100782	5.6	11
98	R1234yf vs R134a in automotive air conditioning system: A comparison of the performance. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 863, 012049	0.4	1
97	The stability of TiO <sub>2</sub> /POE nanolubricant for automotive air-conditioning system of hybrid electric vehicles. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 863, 012050	0.4	3
96	Performance of Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> /PAG employed composite nanolubricant in automotive air conditioning (AAC) system. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 863, 012052	0.4	2

95	Characterization of TiO <sub>2</sub> nanopaint for automotive application. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 863, 012053	0.4	2
94	Utilization of Response Surface Method (RSM) in Optimizing Automotive Air Conditioning (AAC) Performance Exerting Al <sub>2</sub> O <sub>3</sub> /PAG Nanolubricant. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1532, 012003	0.3	1
93	TiO <sub>2</sub> -SiO <sub>2</sub> nanofluid characterization: Towards efficient with water/ethylene glycol mixture for solar application. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 863, 012055	0.4	6
92	Heat transfer characteristics of car radiator using tri-hybrid nanocoolant. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 863, 012054	0.4	4
91	Forced convection heat transfer and friction factor of water/bio-glycol mixture based TiO <sub>2</sub> -SiO <sub>2</sub> nanofluids. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 863, 012051	0.4	1
90	The effect of Al <sub>2</sub> O <sub>3</sub> /PAG nanolubricant towards automotive air conditioning (AAC) power consumption. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 863, 012056	0.4	0
89	Fabrication of SiC and Al <sub>2</sub> O <sub>3</sub> foams by replica method for premixed porous burner application <b>2019</b> , ,		2
88	Energy and exergy analysis of compact automotive air conditioning (AAC) system. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 469, 012042	0.4	1
87	Investigation on stability of tri-hybrid nanofluids in water-ethylene glycol mixture. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 469, 012068	0.4	12
86	Numerical investigation for turbulent heat transfer of TiO <sub>2</sub> BiO <sub>2</sub> nanofluids with wire coil inserts. <i>Numerical Heat Transfer; Part A: Applications</i> , <b>2019</b> , 75, 271-289	2.3	5
85	Experimental investigation on stability and thermo-physical properties of Al <sub>2</sub> O <sub>3</sub> BiO <sub>2</sub> /PAG nanolubricants with different nanoparticle ratios. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2019</b> , 135, 1243-1255	4.1	27
84	Application of response surface methodology in optimization of automotive air-conditioning performance operating with SiO <sub>2</sub> /PAG nanolubricant. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2019</b> , 135, 1269-1283	4.1	11
83	Composite nanolubricants in automotive air conditioning system: An investigation on its performance. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 469, 012078	0.4	4
82	Experimental analysis of SiO <sub>2</sub> -Distilled water nanofluids in a Polymer Electrolyte Membrane fuel cell parallel channel cooling plate. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 25850-25862	6.7	20
81	A review on thermo-physical properties and heat transfer applications of single and hybrid metal oxide nanofluids. <i>Journal of Mechanical Engineering and Sciences</i> , <b>2019</b> , 13, 5182-5211	2	16
80	Nanofluids Containing Titanium Dioxide: Thermo-physical Properties and Energy Saving Applications <b>2019</b> , 881-900		1
79	Heat transfer performance of TiO <sub>2</sub> BiO <sub>2</sub> nanofluids in a tube with wire coil inserts. <i>Applied Thermal Engineering</i> , <b>2019</b> , 152, 275-286	5.8	69
78	Comparative Study of Single and Composite Nanolubricants in Automotive Air-Conditioning (AAC) System Performance. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 469, 012044	0.4	1

77	Energy saving in automotive air conditioning system performance using SiO <sub>2</sub> /PAG nanolubricants. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2019</b> , 135, 1285-1297	4.1	17
76	Performance improvement in mobile air conditioning system using Al <sub>2</sub> O <sub>3</sub> /PAG nanolubricant. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2019</b> , 135, 1299-1310	4.1	24
75	Mechanism for improvement in refrigeration system performance by using nanorefrigerants and nanolubricants [A review]. <i>International Communications in Heat and Mass Transfer</i> , <b>2018</b> , 92, 56-63	5.8	34
74	Thermal analysis of earth-to-air heat exchanger using laboratory simulator. <i>Applied Thermal Engineering</i> , <b>2018</b> , 134, 130-140	5.8	28
73	Thermo-electrical performance of PEM fuel cell using Al <sub>2</sub> O <sub>3</sub> nanofluids. <i>International Journal of Heat and Mass Transfer</i> , <b>2018</b> , 119, 460-471	4.9	32
72	A review on the application of response surface method and artificial neural network in engine performance and exhaust emissions characteristics in alternative fuel. <i>Renewable and Sustainable Energy Reviews</i> , <b>2018</b> , 90, 665-686	16.2	91
71	The characterization and thermo-physical property investigations of SiO <sub>2</sub> /HFE7000 nanorefrigerants. <i>International Journal of Refrigeration</i> , <b>2018</b> , 88, 275-283	3.8	6
70	Experimental investigation on thermo-physical properties of metal oxide composite nanolubricants. <i>International Journal of Refrigeration</i> , <b>2018</b> , 89, 11-21	3.8	48
69	Experimental investigation of thermal conductivity and dynamic viscosity on nanoparticle mixture ratios of TiO <sub>2</sub> -SiO <sub>2</sub> nanofluids. <i>International Journal of Heat and Mass Transfer</i> , <b>2018</b> , 116, 1143-1152	4.9	151
68	Nanofluids Containing Titanium Dioxide: Thermo-Physical Properties and Energy Saving Applications <b>2018</b> , 1-20		
67	Experimental investigation of nanoparticle mixture ratios on TiO <sub>2</sub> /SiO <sub>2</sub> nanofluids heat transfer performance under turbulent flow. <i>International Journal of Heat and Mass Transfer</i> , <b>2018</b> , 118, 617-627	4.9	59
66	Comprehensive review of principle factors for thermal conductivity and dynamic viscosity enhancement in thermal transport applications: An analytical tool approach. <i>International Communications in Heat and Mass Transfer</i> , <b>2018</b> , 98, 13-21	5.8	6
65	Experimental investigation of heat transfer and friction factor of TiO <sub>2</sub> -SiO <sub>2</sub> nanofluids in water:ethylene glycol mixture. <i>International Journal of Heat and Mass Transfer</i> , <b>2018</b> , 124, 1361-1369	4.9	34
64	Experimental investigation and development of new correlations for heat transfer enhancement and friction factor of BioGlycol/water based TiO <sub>2</sub> nanofluids in flat tubes. <i>International Journal of Heat and Mass Transfer</i> , <b>2017</b> , 108, 1026-1035	4.9	37
63	Performance analysis of SiO <sub>2</sub> /PAG nanolubricant in automotive air conditioning system. <i>International Journal of Refrigeration</i> , <b>2017</b> , 75, 204-216	3.8	65
62	Comparative study of thermo-physical properties of SiO <sub>2</sub> and Al <sub>2</sub> O <sub>3</sub> nanoparticles dispersed in PAG lubricant. <i>Applied Thermal Engineering</i> , <b>2017</b> , 116, 823-832	5.8	52
61	The effect of combustion management on diesel engine emissions fueled with biodiesel-diesel blends. <i>Renewable and Sustainable Energy Reviews</i> , <b>2017</b> , 73, 307-331	16.2	79
60	Development of nanolubricant automotive air conditioning (AAC) test rig. <i>MATEC Web of Conferences</i> , <b>2017</b> , 90, 01050	0.3	10

59	Thermal conductivity enhancement of Al <sub>2</sub> O <sub>3</sub> and SiO <sub>2</sub> nanolubricants for application in automotive air conditioning (AAC) system. <i>MATEC Web of Conferences</i> , <b>2017</b> , 90, 01051	0.3	8
58	Preparation and stability of silicone dioxide dispersed in polyalkylene glycol based nanolubricants. <i>MATEC Web of Conferences</i> , <b>2017</b> , 90, 01049	0.3	13
57	Alcohol based automotive fuels from first four alcohol family in compression and spark ignition engine: A review on engine performance and exhaust emissions. <i>Renewable and Sustainable Energy Reviews</i> , <b>2017</b> , 77, 169-181	16.2	137
56	Investigation on effective thermal conductivity and relative viscosity of cellulose nanocrystal as a nanofluidic thermal transport through a combined experimental and statistical approach by using Response Surface Methodology. <i>Applied Thermal Engineering</i> , <b>2017</b> , 122, 473-483	5.8	18
55	Effects of biodiesel fuel obtained from <i>Salvia macrosiphon</i> oil (ultrasonic-assisted) on performance and emissions of diesel engine. <i>Energy</i> , <b>2017</b> , 131, 289-296	7.9	24
54	Thermo-physical properties of Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> /PAG composite nanolubricant for refrigeration system. <i>International Journal of Refrigeration</i> , <b>2017</b> , 80, 1-10	3.8	64
53	Thermophysical properties measurement of nano cellulose in ethylene glycol/water. <i>Applied Thermal Engineering</i> , <b>2017</b> , 123, 1158-1165	5.8	19
52	An experimental study on the thermal conductivity and dynamic viscosity of TiO <sub>2</sub> -SiO <sub>2</sub> nanofluids in water: Ethylene glycol mixture. <i>International Communications in Heat and Mass Transfer</i> , <b>2017</b> , 86, 181-189	5.8	134
51	Numerical study of nanofluid heat transfer for different tube geometries: A comprehensive review on performance. <i>International Communications in Heat and Mass Transfer</i> , <b>2017</b> , 86, 60-70	5.8	20
50	Corrosion effect of phase change materials in solar thermal energy storage application. <i>Renewable and Sustainable Energy Reviews</i> , <b>2017</b> , 76, 19-33	16.2	69
49	Thermo-physical properties of hybrid nanofluids and hybrid nanolubricants: A comprehensive review on performance. <i>International Communications in Heat and Mass Transfer</i> , <b>2017</b> , 83, 30-39	5.8	82
48	Application of response surface methodology in optimization of performance and exhaust emissions of secondary butyl alcohol-gasoline blends in SI engine. <i>Energy Conversion and Management</i> , <b>2017</b> , 133, 178-195	10.6	52
47	Thermal conductivity enhancement and sedimentation reduction of magnetorheological fluids with nano-sized Cu and Al additives. <i>Smart Materials and Structures</i> , <b>2017</b> , 26, 115009	3.4	8
46	Response surface methodology (RSM) based multi-objective optimization of fusel oil -gasoline blends at different water content in SI engine. <i>Energy Conversion and Management</i> , <b>2017</b> , 150, 222-241	10.6	69
45	Heat transfer and friction factor of composite TiO <sub>2</sub> -BiO <sub>2</sub> nanofluids in water-ethylene glycol (60:40) mixture. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 257, 012066	0.4	9
44	Investigation of Influences of Secondary Butyl-alcohol Blends on Performance and Cycle-to-cycle Variations in a Spark Ignition Engines. <i>Energy Procedia</i> , <b>2017</b> , 110, 310-315	2.3	1
43	Force convection heat transfer of Al <sub>2</sub> O <sub>3</sub> nanofluids for different based ratio of water: Ethylene glycol mixture. <i>Applied Thermal Engineering</i> , <b>2017</b> , 112, 707-719	5.8	45
42	Potential of nanorefrigerant and nanolubricant on energy saving in refrigeration system: A review. <i>Renewable and Sustainable Energy Reviews</i> , <b>2017</b> , 69, 415-428	16.2	111

41	Thermal conductivity and viscosity of Al <sub>2</sub> O <sub>3</sub> nanofluids for different based ratio of water and ethylene glycol mixture. <i>Experimental Thermal and Fluid Science</i> , <b>2017</b> , 81, 420-429	3	109
40	Coefficient of friction and wear rate effects of different composite nanolubricant concentrations on Aluminium 2024 plate. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 257, 012065	0.4	17
39	Improved thermal conductivity of TiO <sub>2</sub> /SiO <sub>2</sub> hybrid nanofluid in ethylene glycol and water mixture. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 257, 012067	0.4	30
38	Review on matrix thermal absorber designs for solar air collector. <i>Renewable and Sustainable Energy Reviews</i> , <b>2016</b> , 64, 682-693	16.2	21
37	An experimental determination of thermal conductivity and viscosity of BioGlycol/water based TiO <sub>2</sub> nanofluids. <i>International Communications in Heat and Mass Transfer</i> , <b>2016</b> , 77, 22-32	5.8	59
36	Experimental investigation and development of new correlation for thermal conductivity and viscosity of BioGlycol/water based SiO <sub>2</sub> nanofluids. <i>International Communications in Heat and Mass Transfer</i> , <b>2016</b> , 77, 54-63	5.8	34
35	Experimental investigation of combustion, emissions and thermal balance of secondary butyl alcohol-gasoline blends in a spark ignition engine. <i>Energy Conversion and Management</i> , <b>2016</b> , 123, 1-14	10.6	40
34	Development of nanorefrigerants for various types of refrigerant based: A comprehensive review on performance. <i>International Communications in Heat and Mass Transfer</i> , <b>2016</b> , 76, 285-293	5.8	45
33	Investigation of thermal conductivity and viscosity of Al <sub>2</sub> O <sub>3</sub> /PAG nanolubricant for application in automotive air conditioning system. <i>International Journal of Refrigeration</i> , <b>2016</b> , 70, 93-102	3.8	74
32	Effects of working temperature on thermo-physical properties and forced convection heat transfer of TiO <sub>2</sub> nanofluids in water-ethylene glycol mixture. <i>Applied Thermal Engineering</i> , <b>2016</b> , 106, 1190-1199	5.8	73
31	The enhancement of effective thermal conductivity and effective dynamic viscosity of nanofluids □ A review. <i>Renewable and Sustainable Energy Reviews</i> , <b>2016</b> , 53, 1046-1058	16.2	198
30	SVM and ANFIS for prediction of performance and exhaust emissions of a SI engine with gasoline-ethanol blended fuels. <i>Applied Thermal Engineering</i> , <b>2016</b> , 95, 186-203	5.8	72
29	Experimental investigation of thermal conductivity and electrical conductivity of BioGlycol/water mixture based Al <sub>2</sub> O <sub>3</sub> nanofluid. <i>Applied Thermal Engineering</i> , <b>2016</b> , 102, 932-941	5.8	74
28	Thermal analysis of Al <sub>2</sub> O <sub>3</sub> /water ethylene glycol mixture nanofluid for single PEM fuel cell cooling plate: An experimental study. <i>International Journal of Hydrogen Energy</i> , <b>2016</b> , 41, 5096-5112	6.7	63
27	Experimental investigation on heat transfer performance of TiO <sub>2</sub> nanofluids in water-ethylene glycol mixture. <i>International Communications in Heat and Mass Transfer</i> , <b>2016</b> , 73, 16-24	5.8	58
26	A review of water heating system for solar energy applications. <i>International Communications in Heat and Mass Transfer</i> , <b>2016</b> , 76, 178-187	5.8	121
25	Heat transfer augmentation of ethylene glycol: water nanofluids and applications □ A review. <i>International Communications in Heat and Mass Transfer</i> , <b>2016</b> , 75, 13-23	5.8	42
24	Micro Combined Heat and Power to provide heat and electrical power using biomass and Gamma-type Stirling engine. <i>Applied Thermal Engineering</i> , <b>2016</b> , 103, 1460-1469	5.8	38



23	Experimental investigation of turbulent heat transfer by counter and co-swirling flow in a flat tube fitted with twin twisted tapes. <i>International Communications in Heat and Mass Transfer</i> , <b>2016</b> , 75, 295-302	5.8	44
22	Heat transfer and friction factor of water and ethylene glycol mixture based TiO <sub>2</sub> and Al <sub>2</sub> O <sub>3</sub> nanofluids under turbulent flow. <i>International Communications in Heat and Mass Transfer</i> , <b>2016</b> , 76, 24-32	5.8	45
21	Investigation of thermal conductivity and viscosity of Al <sub>2</sub> O <sub>3</sub> /water-ethylene glycol mixture nanocoolant for cooling channel of hot-press forming die application. <i>International Communications in Heat and Mass Transfer</i> , <b>2016</b> , 78, 182-189	5.8	14
20	Experimental Investigation of Thermal Conductivity and Electrical Conductivity of Al <sub>2</sub> O <sub>3</sub> Nanofluid in Water - Ethylene Glycol Mixture for Proton Exchange Membrane Fuel Cell Application. <i>International Communications in Heat and Mass Transfer</i> , <b>2015</b> , 61, 61-68	5.8	113
19	Thermophysical Properties of Silicon Dioxide (SiO <sub>2</sub> ) in Ethylene Glycol/Water Mixture for Proton Exchange Membrane Fuel Cell Cooling Application. <i>Energy Procedia</i> , <b>2015</b> , 79, 366-371	2.3	32
18	Experimental Investigation of Al <sub>2</sub> O <sub>3</sub> - Water Ethylene Glycol Mixture Nanofluid Thermal Behaviour in a Single Cooling Plate for PEM Fuel Cell Application. <i>Energy Procedia</i> , <b>2015</b> , 79, 252-258	2.3	20
17	Solar energy in Iran: Current state and outlook. <i>Renewable and Sustainable Energy Reviews</i> , <b>2015</b> , 49, 931-942	16.2	131
16	Investigation of Al <sub>2</sub> O <sub>3</sub> Nanofluid Viscosity for Different Water/EG Mixture Based. <i>Energy Procedia</i> , <b>2015</b> , 79, 354-359	2.3	24
15	Heat Transfer Augmentation of Al <sub>2</sub> O <sub>3</sub> Nanofluid in 60:40 Water to Ethylene Glycol Mixture. <i>Energy Procedia</i> , <b>2015</b> , 79, 403-408	2.3	6
14	Thermal Conductivity Enhancement of Al <sub>2</sub> O <sub>3</sub> Nanofluid in Ethylene Glycol and Water Mixture. <i>Energy Procedia</i> , <b>2015</b> , 79, 397-402	2.3	62
13	Thermal Analysis of Heat Transfer Enhancement and Fluid Flow for Low Concentration of Al <sub>2</sub> O <sub>3</sub> Water - Ethylene Glycol Mixture Nanofluid in a Single PEMFC Cooling Plate. <i>Energy Procedia</i> , <b>2015</b> , 79, 259-264	2.3	15
12	NANOFLUIDS HEAT TRANSFER ENHANCEMENT THROUGH STRAIGHT CHANNEL UNDER TURBULENT FLOW. <i>International Journal of Automotive and Mechanical Engineering</i> , <b>2015</b> , 11, 2294-2305	1.4	15
11	FORCED CONVECTION HEAT TRANSFER USING WATER- ETHYLENE GLYCOL (60:40) BASED NANOFLUIDS IN AUTOMOTIVE COOLING SYSTEM. <i>International Journal of Automotive and Mechanical Engineering</i> , <b>2015</b> , 11, 2747-2755	1.4	9
10	A REVIEW OF NANOFLUID ADOPTION IN POLYMER ELECTROLYTE MEMBRANE (PEM) FUEL CELLS AS AN ALTERNATIVE COOLANT. <i>Journal of Mechanical Engineering and Sciences</i> , <b>2015</b> , 8, 1351-1366	2	12
9	EFFECT OF TEMPERATURE ON HEAT TRANSFER COEFFICIENT OF TITANIUM DIOXIDE IN ETHYLENE GLYCOL-BASED NANOFLUID. <i>Journal of Mechanical Engineering and Sciences</i> , <b>2015</b> , 8, 1367-1375	2	39
8	Heat transfer and friction factor of water based TiO <sub>2</sub> and SiO <sub>2</sub> nanofluids under turbulent flow in a tube. <i>International Communications in Heat and Mass Transfer</i> , <b>2014</b> , 59, 30-38	5.8	82
7	Turbulent Forced Convection Heat Transfer of Nanofluids with Twisted Tape Insert in a Plain Tube. <i>Energy Procedia</i> , <b>2014</b> , 52, 296-307	2.3	19
6	Numerical validation of experimental heat transfer coefficient with SiO <sub>2</sub> nanofluid flowing in a tube with twisted tape inserts. <i>Applied Thermal Engineering</i> , <b>2014</b> , 73, 296-306	5.8	56

5	Comparison of convective heat transfer coefficient and friction factor of TiO <sub>2</sub> nanofluid flow in a tube with twisted tape inserts. <i>International Journal of Thermal Sciences</i> , <b>2014</b> , 81, 84-93	4.1	99
4	Experimental determination of turbulent forced convection heat transfer and friction factor with SiO <sub>2</sub> nanofluid. <i>Experimental Thermal and Fluid Science</i> , <b>2013</b> , 51, 103-111	3	154
3	Nanofluid Properties for Forced Convection Heat Transfer: An Overview. <i>Journal of Mechanical Engineering and Sciences</i> , <b>2013</b> , 4, 397-408	2	11
2	Correlations for thermal conductivity and viscosity of water based nanofluids. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2012</b> , 36, 012029	0.4	35
1	An overview of vapor compression refrigeration system performance enhancement mechanism by utilizing nanolubricants. <i>Journal of Thermal Analysis and Calorimetry</i> , 1	4.1	1