

Fatih Selimefendigil

List of Publications by Year in descending order

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papers

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36271

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docs citations

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times ranked

2136
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermo-hydraulic performance and entropy generation of biologically synthesized silver/water-ethylene glycol nano-fluid flow inside a rifled tube using two-phase mixture model. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2023, 45, 4463-4480.	1.2	15
2	A review on computational fluid dynamics simulation methods for different convective drying applications. Thermal Science, 2023, 27, 825-842.	0.5	1
3	Utilization of wavy porous layer, magnetic field and hybrid nanofluid with slot jet impingement on the cooling performance of conductive panel. International Journal of Numerical Methods for Heat and Fluid Flow, 2023, 33, 360-384.	1.6	10
4	Combined effects of double porous layers and nanofluids on the performance of confined single and multi-jet impingement heat transfer. Chemical Engineering Communications, 2022, 209, 925-937.	1.5	9
5	Effect of simultaneous application of chaotic laminar flow of nanofluid and non-uniform magnetic field on the entropy generation and energetic/exergetic efficiency. Journal of Thermal Analysis and Calorimetry, 2022, 147, 5865-5882.	2.0	6
6	A computational analysis on convective heat transfer for impinging slot nanojets onto a moving hot body. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, 32, 364-386.	1.6	5
7	Performance analysis of thermoelectric generator mounted chaotic channel by using non-Newtonian nanofluid and modeling with efficient computational methods. AEJ - Alexandria Engineering Journal, 2022, 61, 3527-3549.	3.4	7
8	Impacts of rotating surface and area expansion during nanofluid convection on phase change dynamics for PCM packed bed installed cylinder. AEJ - Alexandria Engineering Journal, 2022, 61, 4159-4173.	3.4	17
9	NUMERICAL AND EXPERIMENTAL INVESTIGATION OF A DOUBLE-PIPE HEAT EXCHANGER WITH SiO ₂ NANO-ADDITIVES. Heat Transfer Research, 2022, 53, 1-12.	0.9	13
10	Convective drying performance of porous moist objects under turbulent flow conditions: effects of object shape and material. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, 32, 2454-2475.	1.6	2
11	Experimental investigation of a parabolic greenhouse dryer improved with copper oxide nano-enhanced latent heat thermal energy storage unit. International Journal of Energy Research, 2022, 46, 3647-3662.	2.2	34
12	Optimization of convective drying performance of multiple porous moist objects in a 3D channel. International Journal of Thermal Sciences, 2022, 172, 107286.	2.6	6
13	Improving the performance of an active greenhouse dryer by integrating a solar absorber north wall coated with graphene nanoplatelet-embedded black paint. Solar Energy, 2022, 231, 140-148.	2.9	39
14	Energy and exergy analysis of a hybrid photovoltaic/thermal-air collector modified with nano-enhanced latent heat thermal energy storage unit. Journal of Energy Storage, 2022, 45, 103467.	3.9	58
15	Thermal management and performance improvement by using coupled effects of magnetic field and phase change material for hybrid nanoliquid convection through a 3D vented cylindrical cavity. International Journal of Heat and Mass Transfer, 2022, 183, 122233.	2.5	57
16	Impacts of using an elastic fin on the phase change process under magnetic field during hybrid nanoliquid convection through a PCM-packed bed system. International Journal of Mechanical Sciences, 2022, 216, 106958.	3.6	49
17	Thermal management for conjugate heat transfer of curved solid conductive panel coupled with different cooling systems using non-Newtonian power law nanofluid applicable to photovoltaic panel systems. International Journal of Thermal Sciences, 2022, 173, 107390.	2.6	39
18	Experimental analysis of combined utilization of CuO nanoparticles in latent heat storage unit and absorber coating in a single-slope solar desalination system. Solar Energy, 2022, 233, 278-286.	2.9	40

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19	Comparative study and hybrid modeling approach with POD for convective drying performance of porous moist object with multi-impinging jet and channel flow configurations. <i>International Communications in Heat and Mass Transfer</i> , 2022, 132, 105897.	2.9	10
20	Non-uniform magnetic field effects on the phase transition dynamics for PCM-installed 3D conic cavity having ventilation ports under hybrid nanofluid convection. <i>Journal of Building Engineering</i> , 2022, 49, 104074.	1.6	3
21	Numerical analysis for thermal management of data center with phase change material. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2022, 32, 3283-3305.	1.6	1
22	Combined effects of bifurcation and magnetic field on the performance of phase change material installed cylinder with small inlet temperature perturbations during nanofluid convection. <i>International Journal of Heat and Mass Transfer</i> , 2022, 188, 122640.	2.5	22
23	Experimental Performance Analysis of a Solar Desalination System Modified with Natural Dolomite Powder Integrated Latent Heat Thermal Storage Unit. <i>Sustainability</i> , 2022, 14, 2650.	1.6	19
24	Multiple Impinging Jet Cooling of a Wavy Surface by Using Double Porous Fins under Non-Uniform Magnetic Field. <i>Mathematics</i> , 2022, 10, 638.	1.1	5
25	Lithium-ion battery module performance improvements by using nanodiamond- Fe_3O_4 water/ethylene glycol hybrid nanofluid and fins. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 10625-10635.	2.0	12
26	Investigation of phase change dynamics in a T-shaped multiple vented cylindrical cavity during nanofluid convection for PCM-embedded system. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2022, 32, 3484-3503.	1.6	2
27	Performance Optimization of a Thermoelectric Device by Using a Shear Thinning Nanofluid and Rotating Cylinder in a Cavity with Ventilation Ports. <i>Mathematics</i> , 2022, 10, 1075.	1.1	8
28	Pulsating nanofluid flow in a wavy bifurcating channel under partially active uniform magnetic field effects. <i>International Communications in Heat and Mass Transfer</i> , 2022, 133, 105938.	2.9	14
29	Entropy Analysis of the Thermal Convection of Nanosuspension within a Chamber with a Heat-Conducting Solid Fin. <i>Entropy</i> , 2022, 24, 523.	1.1	6
30	3D laminar natural convection in a cubical enclosure with gradually changing partitions. <i>International Communications in Heat and Mass Transfer</i> , 2022, 133, 105932.	2.9	18
31	Enhancing the performance of a greenhouse drying system by using triple-flow solar air collector with nano-enhanced absorber coating. <i>Case Studies in Thermal Engineering</i> , 2022, 34, 102011.	2.8	31
32	Shape effects of TEG mounted ventilated cavities with alumina-water nanofluids on the performance features by using artificial neural networks. <i>Engineering Analysis With Boundary Elements</i> , 2022, 140, 79-97.	2.0	8
33	Jet impingement cooling using shear thinning nanofluid under the combined effects of inclined separated partition at the inlet and magnetic field. <i>European Physical Journal: Special Topics</i> , 2022, 231, 2491-2508.	1.2	3
34	Optimization assisted CFD for using double porous cylinders on the performance improvement of TEG mounted 3D channels. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 52, 102303.	1.7	1
35	Coupled Effects of Using Magnetic Field, Rotation and Wavy Porous Layer on the Forced Convection of Hybrid Nanoliquid Flow over 3D-Backward Facing Step. <i>Nanomaterials</i> , 2022, 12, 2466.	1.9	1
36	Hybrid nano-jet impingement cooling of a curved elastic hot surface under the combined effects of non-uniform magnetic field and upper plate inclination. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 561, 169684.	1.0	15

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37	Analysis of melting of phase change material block inserted to an open cavity. International Communications in Heat and Mass Transfer, 2022, 137, 106240.	2.9	17
38	MHD mixed convection of Ag-MgO/water nanofluid in a triangular shape partitioned lid-driven square cavity involving a porous compound. Journal of Thermal Analysis and Calorimetry, 2021, 143, 1467-1484.	2.0	50
39	Numerical modeling of turbulent behavior of nanomaterial exergy loss and flow through a circular channel. Journal of Thermal Analysis and Calorimetry, 2021, 144, 973-981.	2.0	17
40	Numerical analysis for performance enhancement of thermoelectric generator modules by using CNT-water and hybrid Ag/MgO-water nanofluids. Journal of Thermal Analysis and Calorimetry, 2021, 143, 1611-1621.	2.0	13
41	Impact of a rotating cone on forced convection of Ag-MgO/water hybrid nanofluid in a 3D multiple vented T-shaped cavity considering magnetic field effects. Journal of Thermal Analysis and Calorimetry, 2021, 143, 1485-1501.	2.0	33
42	Three dimensional unsteady heat and mass transport from six porous moist objects in a channel under laminar forced convection. Applied Thermal Engineering, 2021, 183, 116100.	3.0	12
43	Performance of TEG integrated channel with area expansion by using advanced passive techniques. International Journal of Mechanical Sciences, 2021, 194, 106210.	3.6	20
44	Performance assessment of a thermoelectric module by using rotating circular cylinders and nanofluids in the channel flow for renewable energy applications. Journal of Cleaner Production, 2021, 279, 123426.	4.6	34
45	Impacts of rotating surface and oriented magnetic field on mixed convection and melting behavior of CNT-water nanofluid in a horizontal annulus. International Communications in Heat and Mass Transfer, 2021, 120, 104935.	2.9	8
46	Thermal Management and Modeling of Forced Convection and Entropy Generation in a Vented Cavity by Simultaneous Use of a Curved Porous Layer and Magnetic Field. Entropy, 2021, 23, 152.	1.1	10
47	Numerical analysis of heat and mass transfer of a moving porous moist object in a two dimensional channel. International Communications in Heat and Mass Transfer, 2021, 121, 105093.	2.9	15
48	Modeling and identification of combined effects of pulsating inlet temperature and use of hybrid nanofluid on the forced convection in phase change material filled cylinder. Journal of the Taiwan Institute of Chemical Engineers, 2021, 119, 90-107.	2.7	16
49	Thermoelectric generation from vented cavities with a rotating conic object and highly conductive CNT nanofluids for renewable energy systems. International Communications in Heat and Mass Transfer, 2021, 122, 105139.	2.9	18
50	Investigation of time dependent heat and mass transportation for drying of 3D porous moist objects in convective conditions. International Journal of Thermal Sciences, 2021, 162, 106788.	2.6	12
51	Jet Impingement Heat Transfer of Confined Single and Double Jets with Non-Newtonian Power Law Nanofluid under the Inclined Magnetic Field Effects for a Partly Curved Heated Wall. Sustainability, 2021, 13, 5086.	1.6	14
52	Unsteady conjugate heat transfer with combined effects of MHD and moving conductive elliptic object in CNT-water nanofluid with ventilation ports. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 2484-2508.	1.6	1
53	An efficient method for optimizing the unsteady heat and mass transport features for convective drying of two porous moist objects in a channel. International Journal of Mechanical Sciences, 2021, 200, 106444.	3.6	6
54	Effects of using a porous disk on the dynamic features of phase change process with PCM integrated circular pipe during nano-liquid forced convection in discharging operation mode. Journal of the Taiwan Institute of Chemical Engineers, 2021, 124, 381-390.	2.7	17

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55	Impacts of elasticity and porosity of the channels on the performance features of thermoelectric module mounted system and efficient computations with multi-proper orthogonal decomposition approach. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 124, 359-368.	2.7	6
56	Thermoelectric generation in bifurcating channels and efficient modeling by using hybrid CFD and artificial neural networks. <i>Renewable Energy</i> , 2021, 172, 582-598.	4.3	24
57	3D numerical study of heat and mass transfer of moving porous moist objects. <i>Thermal Science and Engineering Progress</i> , 2021, 24, 100939.	1.3	4
58	Impacts of double rotating cylinders on the forced convection of hybrid nanofluid in a bifurcating channel with partly porous layers. <i>Case Studies in Thermal Engineering</i> , 2021, 26, 101020.	2.8	28
59	Thermal management of nanofluid forced convective flow over heated blocks in channel by using double elliptic porous objects. <i>Propulsion and Power Research</i> , 2021, 10, 262-276.	2.0	9
60	Effects of flow separation and shape factor of nanoparticles in heat transfer fluid for convection thorough phase change material (PCM) installed cylinder for energy technology applications. <i>Journal of Energy Storage</i> , 2021, 41, 102945.	3.9	12
61	Optimization of convective heat transfer performance for fluid flow over a facing step by using an elliptic porous object. <i>Case Studies in Thermal Engineering</i> , 2021, 27, 101233.	2.8	7
62	Analysis of hybrid nanofluid and surface corrugation in the laminar convective flow through an encapsulated PCM filled vertical cylinder and POD-based modeling. <i>International Journal of Heat and Mass Transfer</i> , 2021, 178, 121623.	2.5	70
63	Phase change dynamics in a cylinder containing hybrid nanofluid and phase change material subjected to a rotating inner disk. <i>Journal of Energy Storage</i> , 2021, 42, 103007.	3.9	28
64	Effects of magnetic field, binary particle loading and rotational conic surface on phase change process in a PCM filled cylinder. <i>Case Studies in Thermal Engineering</i> , 2021, 28, 101456.	2.8	22
65	Thermoelectric Generation with Impinging Nano-Jets. <i>Energies</i> , 2021, 14, 492.	1.6	5
66	Exergetic performance of vapor-compression refrigeration system with TiO ₂ -nanoadditive in the compressor oil. <i>Thermal Science</i> , 2021, 25, 637-642.	0.5	2
67	Comparison of Hybrid and CNT-Nanofluids Used as Heat Transfer Fluid for Forced Convection Through a Phase Change Material (PCM) Filled Vertical Cylinder. <i>Advances in Sustainability Science and Technology</i> , 2021, , 205-221.	0.4	0
68	Jet Impingement Cooling of a Rotating Hot Circular Cylinder with Hybrid Nanofluid under Multiple Magnetic Field Effects. <i>Mathematics</i> , 2021, 9, 2697.	1.1	9
69	Effects of Surface Rotation on the Phase Change Process in a 3D Complex-Shaped Cylindrical Cavity with Ventilation Ports and Installed PCM Packed Bed System during Hybrid Nanofluid Convection. <i>Mathematics</i> , 2021, 9, 2566.	1.1	1
70	Forced Convection Laminar Pulsating Flow in a 90-deg Bifurcation. <i>Journal of Thermal Science and Engineering Applications</i> , 2021, 13, .	0.8	3
71	Combined Effects of Sequential Velocity and Variable Magnetic Field on the Phase Change Process in a 3D Cylinder Having a Conic-Shaped PCM-Packed Bed System. <i>Mathematics</i> , 2021, 9, 3019.	1.1	2
72	Forced Convection of Non-Newtonian Nanofluid Flow over a Backward Facing Step with Simultaneous Effects of Using Double Rotating Cylinders and Inclined Magnetic Field. <i>Mathematics</i> , 2021, 9, 3002.	1.1	8

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73	Combined effects of local curvature and elasticity of an isothermal wall for jet impingement cooling under magnetic field effects. Journal of Central South University, 2021, 28, 3534-3544.	1.2	4
74	Effect of different heat transfer fluids on discharging performance of phase change material included cylindrical container during forced convection. Journal of Central South University, 2021, 28, 3521-3533.	1.2	17
75	Thermal Characterization of Coolant Maxwell Type Nanofluid Flowing in Parabolic Trough Solar Collector (PTSC) Used Inside Solar Powered Ship Application. Coatings, 2021, 11, 1552.	1.2	69
76	Control of Magnetohydrodynamic Mixed Convection and Entropy Generation in a Porous Cavity by Using Double Rotating Cylinders and Curved Partition. ACS Omega, 2021, 6, 35607-35618.	1.6	12
77	Al ₂ O ₃ -Water Nanofluid Jet Impingement Cooling With Magnetic Field. Heat Transfer Engineering, 2020, 41, 50-64.	1.2	39
78	Hydrothermal analysis of nanoparticles transportation through a porous compound cavity utilizing two temperature model and radiation heat transfer under the effects of magnetic field. Microsystem Technologies, 2020, 26, 333-344.	1.2	8
79	Mixed convection in a PCM filled cavity under the influence of a rotating cylinder. Solar Energy, 2020, 200, 61-75.	2.9	64
80	MHD conjugate natural convection in a porous cavity involving a curved conductive partition and estimations by using Long Short-Term Memory Networks. Journal of Thermal Analysis and Calorimetry, 2020, 140, 1457-1468.	2.0	11
81	Effects of conductive curved partition and magnetic field on natural convection and entropy generation in an inclined cavity filled with nanofluid. Physica A: Statistical Mechanics and Its Applications, 2020, 540, 123004.	1.2	56
82	Nanojet impingement cooling of an isothermal surface in a partially porous medium under the impact of an inclined magnetic field. Journal of Thermal Analysis and Calorimetry, 2020, 141, 1875-1888.	2.0	8
83	Natural convection and melting of NEPCM in a corrugated cavity under the effect of magnetic field. Journal of Thermal Analysis and Calorimetry, 2020, 140, 1427-1442.	2.0	17
84	Effects of a partially conductive partition in MHD conjugate convection and entropy generation for a horizontal annulus. Journal of Thermal Analysis and Calorimetry, 2020, 139, 1537-1551.	2.0	10
85	Control of natural convection in a CNT-water nanofluid filled 3D cavity by using an inner T-shaped obstacle and thermoelectric cooler. International Journal of Mechanical Sciences, 2020, 169, 105104.	3.6	39
86	Convective drying of a moist porous object under the effects of a rotating cylinder in a channel. Journal of Thermal Analysis and Calorimetry, 2020, 141, 1569-1590.	2.0	13
87	Impacts of conductive inner L-shaped obstacle and elastic bottom wall on MHD forced convection of a nanofluid in vented cavity. Journal of Thermal Analysis and Calorimetry, 2020, 141, 465-482.	2.0	6
88	Two-phase mixture modeling of turbulent forced convective flow of water-silver nanofluid inside a rifled tube: hydrothermal characteristics and irreversibility behavior. Journal of Thermal Analysis and Calorimetry, 2020, , 1.	2.0	3
89	Effects of a rotating tube bundle on the hydrothermal performance for forced convection in a vented cavity with Ag-MgO/water hybrid and CNT-water nanofluids. Journal of Thermal Analysis and Calorimetry, 2020, , 1.	2.0	4
90	The potential benefits of surface corrugation and hybrid nanofluids in channel flow on the performance enhancement of a thermo-electric module in energy systems. Energy, 2020, 213, 118520.	4.5	24

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91	Impacts of magnetic field and hybrid nanoparticles in the heat transfer fluid on the thermal performance of phase change material installed energy storage system and predictive modeling with artificial neural networks. <i>Journal of Energy Storage</i> , 2020, 32, 101793.	3.9	33
92	Energy storage analysis for discharging of nanoparticle enhanced phase change material within a triplex-tube thermal storage. <i>Journal of Energy Storage</i> , 2020, 31, 101640.	3.9	19
93	Mass Transfer Characteristics of MHD Casson Fluid Flow past Stretching/Shrinking Sheet. <i>Journal of Engineering Thermophysics</i> , 2020, 29, 285-302.	0.6	19
94	Identification of pulsating flow effects with CNT nanoparticles on the performance enhancements of thermoelectric generator (TEG) module in renewable energy applications. <i>Renewable Energy</i> , 2020, 162, 1076-1086.	4.3	41
95	Hydro-thermal performance of CNT nanofluid in double backward facing step with rotating tube bundle under magnetic field. <i>International Journal of Mechanical Sciences</i> , 2020, 185, 105876.	3.6	43
96	Magneto-hydrodynamics forced convection of nanofluid in multi-layered U-shaped vented cavity with a porous region considering wall corrugation effects. <i>International Communications in Heat and Mass Transfer</i> , 2020, 113, 104551.	2.9	79
97	Solidification of PCM with nano powders inside a heat exchanger. <i>Journal of Molecular Liquids</i> , 2020, 306, 112892.	2.3	51
98	Effects of a Rotating Cone on the Mixed Convection in a Double Lid-Driven 3D Porous Trapezoidal Nanofluid Filled Cavity under the Impact of Magnetic Field. <i>Nanomaterials</i> , 2020, 10, 449.	1.9	38
99	Combined effects of double rotating cones and magnetic field on the mixed convection of nanofluid in a porous 3D U-bend. <i>International Communications in Heat and Mass Transfer</i> , 2020, 116, 104703.	2.9	36
100	Pulsating Flow of CNT-Water Nanofluid Mixed Convection in a Vented Trapezoidal Cavity with an Inner Conductive T-Shaped Object and Magnetic Field Effects. <i>Energies</i> , 2020, 13, 848.	1.6	16
101	Effects of local curvature and magnetic field on forced convection in a layered partly porous channel with area expansion. <i>International Journal of Mechanical Sciences</i> , 2020, 179, 105696.	3.6	39
102	Experimental study for the application of different cooling techniques in photovoltaic (PV) panels. <i>Energy Conversion and Management</i> , 2020, 212, 112789.	4.4	129
103	Phase change process of nanoparticle enhanced PCM in a heat storage including unsteady conduction. <i>Journal of Molecular Liquids</i> , 2020, 309, 113102.	2.3	28
104	Improvement of transfer phenomena rates in open chaotic flow of nanofluid under the effect of magnetic field: Application of a combined method. <i>International Journal of Mechanical Sciences</i> , 2020, 179, 105649.	3.6	21
105	MAGNETO-HYDRODYNAMIC FREE CONVECTION OF NANOFLUIDS IN A FLEXIBLE SIDED TRAPEZOIDAL CAVITY. <i>Computational Thermal Sciences</i> , 2020, 12, 115-132.	0.5	1
106	Mixed Convection of Pulsating Ferrofluid Flow Over a Backward-Facing Step. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 2019, 43, 593-612.	0.8	16
107	MHD mixed convection of nanofluid in a flexible walled inclined lid-driven L-shaped cavity under the effect of internal heat generation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 534, 122144.	1.2	44
108	Forced convection in a branching channel with partly elastic walls and inner L-shaped conductive obstacle under the influence of magnetic field. <i>International Journal of Heat and Mass Transfer</i> , 2019, 144, 118598.	2.5	35

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109	Role of magnetic field on forced convection of nanofluid in a branching channel. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019, 30, 1755-1772.	1.6	64
110	Effects of different fin parameters on temperature and efficiency for cooling of photovoltaic panels under natural convection. <i>Solar Energy</i> , 2019, 188, 484-494.	2.9	112
111	Fluid-structure interaction analysis of entropy generation and mixed convection inside a cavity with flexible right wall and heated rotating cylinder. <i>International Journal of Heat and Mass Transfer</i> , 2019, 140, 331-345.	2.5	88
112	Electrical conductivity effect on MHD mixed convection of nanofluid flow over a backward-facing step. <i>Journal of Central South University</i> , 2019, 26, 1133-1145.	1.2	5
113	Conjugate mixed convection of nanofluid in a cubic enclosure separated with a conductive plate and having an inner rotating cylinder. <i>International Journal of Heat and Mass Transfer</i> , 2019, 139, 1000-1017.	2.5	50
114	MHD Pulsating forced convection of nanofluid over parallel plates with blocks in a channel. <i>International Journal of Mechanical Sciences</i> , 2019, 157-158, 726-740.	3.6	93
115	Mixed convection in a lid-driven cavity filled with single and multiple-walled carbon nanotubes nanofluid having an inner elliptic obstacle. <i>Propulsion and Power Research</i> , 2019, 8, 128-137.	2.0	23
116	Effects of an inner stationary cylinder having an elastic rod-like extension on the mixed convection of CNT-water nanofluid in a three dimensional vented cavity. <i>International Journal of Heat and Mass Transfer</i> , 2019, 137, 650-668.	2.5	43
117	MHD mixed convection of nanofluid in a cubic cavity with a conductive partition for various nanoparticle shapes. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019, 29, 3584-3610.	1.6	12
118	Forced Convection of Fe ₃ O ₄ -Water Nanofluid in a Bifurcating Channel under the Effect of Variable Magnetic Field. <i>Energies</i> , 2019, 12, 666.	1.6	36
119	Mixed convection and entropy generation of nanofluid flow in a vented cavity under the influence of inclined magnetic field. <i>Microsystem Technologies</i> , 2019, 25, 4427-4438.	1.2	23
120	MHD mixed convection of nanofluid in a three-dimensional vented cavity with surface corrugation and inner rotating cylinder. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019, 30, 1637-1660.	1.6	53
121	Cooling of an isothermal surface having a cavity component by using CuO-water nano-jet. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019, 30, 2169-2191.	1.6	12
122	Turbulent forced convection of nanofluid in an elliptic cross-sectional pipe. <i>International Communications in Heat and Mass Transfer</i> , 2019, 109, 104384.	2.9	16
123	Natural convection in a CuO-water nanofluid filled cavity under the effect of an inclined magnetic field and phase change material (PCM) attached to its vertical wall. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 1577-1594.	2.0	78
124	Fluid-solid interaction of elastic-step type corrugation effects on the mixed convection of nanofluid in a vented cavity with magnetic field. <i>International Journal of Mechanical Sciences</i> , 2019, 152, 185-197.	3.6	80
125	MHD mixed convection of nanofluid due to an inner rotating cylinder in a 3D enclosure with a phase change material. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019, 29, 3559-3583.	1.6	18
126	Corrugated conductive partition effects on MHD free convection of CNT-water nanofluid in a cavity. <i>International Journal of Heat and Mass Transfer</i> , 2019, 129, 265-277.	2.5	183

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127	MHD mixed convection in a nanofluid filled vertical lid-driven cavity having a flexible fin attached to its upper wall. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 325-340.	2.0	61
128	Magnetohydrodynamics mixed convection in a power law nanofluid-filled triangular cavity with an opening using Tiwari and Das's nanofluid model. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 419-436.	2.0	52
129	Mixed convection due to a rotating cylinder in a 3D corrugated cavity filled with single walled CNT-water nanofluid. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 341-355.	2.0	13
130	Analysis of mixed convection and entropy generation of nanofluid filled triangular enclosure with a flexible sidewall under the influence of a rotating cylinder. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 911-923.	2.0	6
131	Experimental analysis and dynamic modeling of a photovoltaic module with porous fins. <i>Renewable Energy</i> , 2018, 125, 193-205.	4.3	85
132	Modeling and optimization of MHD mixed convection in a lid-driven trapezoidal cavity filled with alumina-water nanofluid: Effects of electrical conductivity models. <i>International Journal of Mechanical Sciences</i> , 2018, 136, 264-278.	3.6	101
133	Analysis and predictive modeling of nanofluid-jet impingement cooling of an isothermal surface under the influence of a rotating cylinder. <i>International Journal of Heat and Mass Transfer</i> , 2018, 121, 233-245.	2.5	66
134	Mixed convection of nanofluids in a three dimensional cavity with two adiabatic inner rotating cylinders. <i>International Journal of Heat and Mass Transfer</i> , 2018, 117, 331-343.	2.5	123
135	Laminar Convective Nanofluid Flow Over a Backward-Facing Step With an Elastic Bottom Wall. <i>Journal of Thermal Science and Engineering Applications</i> , 2018, 10, .	0.8	38
136	Cooling of a Partially Elastic Isothermal Surface by Nanofluids Jet Impingement. <i>Journal of Heat Transfer</i> , 2018, 140, .	1.2	19
137	Forced Convection of Pulsating Nanofluid Flow over a Backward Facing Step with Various Particle Shapes. <i>Energies</i> , 2018, 11, 3068.	1.6	16
138	Numerical Analysis for Thermal Performance of a Photovoltaic Thermal Solar Collector with SiO ₂ -Water Nanofluid. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2223.	1.3	22
139	MHD Free Convection and Entropy Generation in a Corrugated Cavity Filled with a Porous Medium Saturated with Nanofluids. <i>Entropy</i> , 2018, 20, 846.	1.1	67
140	MHD Mixed Convection and Entropy Generation in a Lid-Driven Triangular Cavity for Various Electrical Conductivity Models. <i>Entropy</i> , 2018, 20, 903.	1.1	16
141	Ferrofluid Convection in a Lid-Driven Cavity. <i>Defect and Diffusion Forum</i> , 2018, 388, 407-419.	0.4	1
142	Role of magnetic field and surface corrugation on natural convection in a nanofluid filled 3D trapezoidal cavity. <i>International Communications in Heat and Mass Transfer</i> , 2018, 95, 182-196.	2.9	60
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