

Fatih Selimefendigil

List of Publications by Year in descending order

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224
papers

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36271

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times ranked

2136
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#	ARTICLE	IF	CITATIONS
1	Numerical study of MHD mixed convection in a nanofluid filled lid driven square enclosure with a rotating cylinder. <i>International Journal of Heat and Mass Transfer</i> , 2014, 78, 741-754.	2.5	193
2	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
3	MHD mixed convection and entropy generation of nanofluid filled lid driven cavity under the influence of inclined magnetic fields imposed to its upper and lower diagonal triangular domains. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 406, 266-281.	1.0	160
4	Conjugate natural convection in a cavity with a conductive partition and filled with different nanofluids on different sides of the partition. <i>Journal of Molecular Liquids</i> , 2016, 216, 67-77.	2.3	144
5	Natural convection and entropy generation of nanofluid filled cavity having different shaped obstacles under the influence of magnetic field and internal heat generation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 56, 42-56.	2.7	143
6	Effect of a rotating cylinder in forced convection of ferrofluid over a backward facing step. <i>International Journal of Heat and Mass Transfer</i> , 2014, 71, 142-148.	2.5	135
7	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
8	Pulsating nanofluids jet impingement cooling of a heated horizontal surface. <i>International Journal of Heat and Mass Transfer</i> , 2014, 69, 54-65.	2.5	128
9	Mixed convection in superposed nanofluid and porous layers in square enclosure with inner rotating cylinder. <i>International Journal of Mechanical Sciences</i> , 2017, 124-125, 95-108.	3.6	125
10	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
11	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
12	Analysis of MHD mixed convection in a flexible walled and nanofluids filled lid-driven cavity with volumetric heat generation. <i>International Journal of Mechanical Sciences</i> , 2016, 118, 113-124.	3.6	108
13	MHD mixed convection of nanofluid filled partially heated triangular enclosure with a rotating adiabatic cylinder. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 2150-2162.	2.7	104
14	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
15	Conjugate natural convection in a nanofluid filled partitioned horizontal annulus formed by two isothermal cylinder surfaces under magnetic field. <i>International Journal of Heat and Mass Transfer</i> , 2017, 108, 156-171.	2.5	93
16	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
17	Forced convection and thermal predictions of pulsating nanofluid flow over a backward facing step with a corrugated bottom wall. <i>International Journal of Heat and Mass Transfer</i> , 2017, 110, 231-247.	2.5	92
18	Identification of forced convection in pulsating flow at a backward facing step with a stationary cylinder subjected to nanofluid. <i>International Communications in Heat and Mass Transfer</i> , 2013, 45, 111-121.	2.9	88

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19	Numerical investigation and reduced order model of mixed convection at a backward facing step with a rotating cylinder subjected to nanofluid. <i>Computers and Fluids</i> , 2015, 109, 27-37.	1.3	88
20	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
21	Analysis of mixed convection of nanofluid in a 3D lid-driven trapezoidal cavity with flexible side surfaces and inner cylinder. <i>International Communications in Heat and Mass Transfer</i> , 2017, 87, 40-51.	2.9	86
22	MHD mixed convection and entropy generation of power law fluids in a cavity with a partial heater under the effect of a rotating cylinder. <i>International Journal of Heat and Mass Transfer</i> , 2016, 98, 40-51.	2.5	85
23	Experimental analysis and dynamic modeling of a photovoltaic module with porous fins. <i>Renewable Energy</i> , 2018, 125, 193-205.	4.3	85
24	Influence of inclination angle of magnetic field on mixed convection of nanofluid flow over a backward facing step and entropy generation. <i>Advanced Powder Technology</i> , 2015, 26, 1663-1675.	2.0	83
25	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
26	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
27	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
28	Mixed convection due to rotating cylinder in an internally heated and flexible walled cavity filled with SiO ₂ -water nanofluids: Effect of nanoparticle shape. <i>International Communications in Heat and Mass Transfer</i> , 2016, 71, 9-19.	2.9	77
29	Natural convection of ferrofluids in partially heated square enclosures. <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 372, 122-133.	1.0	76
30	Mixed convection in a partially layered porous cavity with an inner rotating cylinder. <i>Numerical Heat Transfer; Part A: Applications</i> , 2016, 69, 659-675.	1.2	70
31	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
32	Thermal Characterization of Coolant Maxwell Type Nanofluid Flowing in Parabolic Trough Solar Collector (PTSC) Used Inside Solar Powered Ship Application. <i>Coatings</i> , 2021, 11, 1552.	1.2	69
33	Forced convection of ferrofluids in a vented cavity with a rotating cylinder. <i>International Journal of Thermal Sciences</i> , 2014, 86, 258-275.	2.6	68
34	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
35	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
36	Mixed convection in a partially heated triangular cavity filled with nanofluid having a partially flexible wall and internal heat generation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 70, 168-178.	2.7	65

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37	Magnetic field effects on the forced convection of CuO-water nanofluid flow in a channel with circular cylinders and thermal predictions using ANFIS. <i>International Journal of Mechanical Sciences</i> , 2018, 146-147, 9-24.	3.6	65
38	Numerical analysis of laminar pulsating flow at a backward facing step with an upper wall mounted adiabatic thin fin. <i>Computers and Fluids</i> , 2013, 88, 93-107.	1.3	64
39	Magneto-hydrodynamics Mixed Convection in a Lid-Driven Cavity Having a Corrugated Bottom Wall and Filled With a Non-Newtonian Power-Law Fluid Under the Influence of an Inclined Magnetic Field. <i>Journal of Thermal Science and Engineering Applications</i> , 2016, 8, .	0.8	64
40	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
41	Mixed convection in a PCM filled cavity under the influence of a rotating cylinder. <i>Solar Energy</i> , 2020, 200, 61-75.	2.9	64
42	Mixed convection in a two-sided elastic walled and SiO ₂ nanofluid filled cavity with internal heat generation: Effects of inner rotating cylinder and nanoparticle's shape. <i>Journal of Molecular Liquids</i> , 2015, 212, 509-516.	2.3	62
43	Natural convection in a flexible sided triangular cavity with internal heat generation under the effect of inclined magnetic field. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 417, 327-337.	1.0	61
44	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
45	Natural Convection and Entropy Generation in Nanofluid Filled Entrapped Trapezoidal Cavities under the Influence of Magnetic Field. <i>Entropy</i> , 2016, 18, 43.	1.1	60
46	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
47	Numerical analysis and ANFIS modeling for mixed convection of CNT-water nanofluid filled branching channel with an annulus and a rotating inner surface at the junction. <i>International Journal of Heat and Mass Transfer</i> , 2018, 127, 583-599.	2.5	59
48	Fluid-structure-magnetic field interaction in a nanofluid filled lid-driven cavity with flexible side wall. <i>European Journal of Mechanics, B/Fluids</i> , 2017, 61, 77-85.	1.2	58
49	Energy and exergy analysis of a hybrid photovoltaic/thermal-air collector modified with nano-enhanced latent heat thermal energy storage unit. <i>Journal of Energy Storage</i> , 2022, 45, 103467.	3.9	58
50	Thermal management and performance improvement by using coupled effects of magnetic field and phase change material for hybrid nanofluid convection through a 3D vented cylindrical cavity. <i>International Journal of Heat and Mass Transfer</i> , 2022, 183, 122233.	2.5	57
51	Effects of conductive curved partition and magnetic field on natural convection and entropy generation in an inclined cavity filled with nanofluid. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 540, 123004.	1.2	56
52	Fuzzy-based estimation of mixed convection heat transfer in a square cavity in the presence of an adiabatic inclined fin. <i>International Communications in Heat and Mass Transfer</i> , 2012, 39, 1639-1646.	2.9	54
53	Numerical study and identification of cooling of heated blocks in pulsating channel flow with a rotating cylinder. <i>International Journal of Thermal Sciences</i> , 2014, 79, 132-145.	2.6	54
54	Jet impingement cooling and optimization study for a partly curved isothermal surface with CuO-water nanofluid. <i>International Communications in Heat and Mass Transfer</i> , 2017, 89, 211-218.	2.9	54

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55	Numerical Study and POD-Based Prediction of Natural Convection in a Ferrofluids-Filled Triangular Cavity with Generalized Neural Networks. <i>Numerical Heat Transfer; Part A: Applications</i> , 2015, 67, 1136-1161.	1.2	53
56	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
57	Magnetohydrodynamics mixed convection in a power law nanofluid-filled triangular cavity with an opening using Tiwari and Das TM nanofluid model. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 419-436.	2.0	52
58	Solidification of PCM with nano powders inside a heat exchanger. <i>Journal of Molecular Liquids</i> , 2020, 306, 112892.	2.3	51
59	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
60	MHD mixed convection of Ag-MgO/water nanofluid in a triangular shape partitioned lid-driven square cavity involving a porous compound. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 143, 1467-1484.	2.0	50
61	Impacts of using an elastic fin on the phase change process under magnetic field during hybrid nanoliquid convection through a PCM-packed bed system. <i>International Journal of Mechanical Sciences</i> , 2022, 216, 106958.	3.6	49
62	Estimation of the Mixed Convection Heat Transfer of a Rotating Cylinder in a Vented Cavity Subjected to Nanofluid by Using Generalized Neural Networks. <i>Numerical Heat Transfer; Part A: Applications</i> , 2014, 65, 165-185.	1.2	48
63	Effects of Nanoparticle Shape on Slot-Jet Impingement Cooling of a Corrugated Surface With Nanofluids. <i>Journal of Thermal Science and Engineering Applications</i> , 2017, 9, .	0.8	47
64	Control of Laminar Pulsating Flow and Heat Transfer in Backward-Facing Step by Using a Square Obstacle. <i>Journal of Heat Transfer</i> , 2014, 136, .	1.2	46
65	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
66	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
67	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
68	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
69	Experimental analysis of combined utilization of CuO nanoparticles in latent heat storage unit and absorber coating in a single-slope solar desalination system. <i>Solar Energy</i> , 2022, 233, 278-286.	2.9	40
70	Al ₂ O ₃ -Water Nanofluid Jet Impingement Cooling With Magnetic Field. <i>Heat Transfer Engineering</i> , 2020, 41, 50-64.	1.2	39
71	Control of natural convection in a CNT-water nanofluid filled 3D cavity by using an inner T-shaped obstacle and thermoelectric cooler. <i>International Journal of Mechanical Sciences</i> , 2020, 169, 105104.	3.6	39
72	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

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73	Improving the performance of an active greenhouse dryer by integrating a solar absorber north wall coated with graphene nanoplatelet-embedded black paint. <i>Solar Energy</i> , 2022, 231, 140-148.	2.9	39
74	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. <i>International Journal of Thermal Sciences</i> , 2022, 173, 107390.	2.6	39
75	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
76	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
77	Mixed convection of nanofluid filled cavity with oscillating lid under the influence of an inclined magnetic field. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 63, 202-215.	2.7	37
78	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
79	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
80	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
81	Performance assessment of a thermoelectric module by using rotating circular cylinders and nanofluids in the channel flow for renewable energy applications. <i>Journal of Cleaner Production</i> , 2021, 279, 123426.	4.6	34
82	Experimental investigation of a parabolic greenhouse dryer improved with copper oxide nano-enhanced latent heat thermal energy storage unit. <i>International Journal of Energy Research</i> , 2022, 46, 3647-3662.	2.2	34
83	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
84	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. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 143, 1485-1501.	2.0	33
85	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
86	Nonlinear identification of unsteady heat transfer of a cylinder in pulsating cross flow. <i>Computers and Fluids</i> , 2012, 53, 1-14.	1.3	30
87	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
88	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
89	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
90	Identification of heat transfer dynamics for non-modal analysis of thermoacoustic stability. <i>Applied Mathematics and Computation</i> , 2011, 217, 5134-5150.	1.4	26

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91	Mixed convection of ferrofluids in a lid driven cavity with two rotating cylinders. <i>Engineering Science and Technology, an International Journal</i> , 2015, 18, 439-451.	2.0	26
92	Numerical Study of Forced Convection of Nanofluid Flow Over a Backward Facing Step With a Corrugated Bottom Wall in the Presence of Different Shaped Obstacles. <i>Heat Transfer Engineering</i> , 2016, 37, 1280-1292.	1.2	25
93	A Nonlinear Frequency Domain Model for Limit Cycles in Thermoacoustic Systems with Modal Coupling. <i>International Journal of Spray and Combustion Dynamics</i> , 2011, 3, 303-330.	0.4	24
94	POD-based reduced order model of a thermoacoustic heat engine. <i>European Journal of Mechanics, B/Fluids</i> , 2014, 48, 135-142.	1.2	24
95	The potential benefits of surface corrugation and hybrid nanofluids in channel flow on the performance enhancement of a thermo-electric module in energy systems. <i>Energy</i> , 2020, 213, 118520.	4.5	24
96	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
97	Numerical investigation and dynamical analysis of mixed convection in a vented cavity with pulsating flow. <i>Computers and Fluids</i> , 2014, 91, 57-67.	1.3	23
98	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
99	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
100	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
101	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
102	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
103	Nonlinear, Proper-Orthogonal-Decomposition-Based Model of Forced Convection Heat Transfer in Pulsating Flow. <i>AIAA Journal</i> , 2014, 52, 131-145.	1.5	21
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	Performance of TEG integrated channel with area expansion by using advanced passive techniques. <i>International Journal of Mechanical Sciences</i> , 2021, 194, 106210.	3.6	20
106	Cooling of a Partially Elastic Isothermal Surface by Nanofluids Jet Impingement. <i>Journal of Heat Transfer</i> , 2018, 140, .	1.2	19
107	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
108	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

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109	Natural Convection in a Trapezoidal Cavity with an Inner Conductive Object of Different Shapes and Filled with Nanofluids of Different Nanoparticle Shapes. Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, 2018, 42, 169-184.	0.8	19
110	NATURAL CONVECTION OF A HYBRID NANOFLUID-FILLED TRIANGULAR ANNULUS WITH AN OPENING. Computational Thermal Sciences, 2016, 8, 555-566.	0.5	19
111	Experimental Performance Analysis of a Solar Desalination System Modified with Natural Dolomite Powder Integrated Latent Heat Thermal Storage Unit. Sustainability, 2022, 14, 2650.	1.6	19
112	MHD mixed convection of nanofluid due to an inner rotating cylinder in a 3D enclosure with a phase change material. International Journal of Numerical Methods for Heat and Fluid Flow, 2019, 29, 3559-3583.	1.6	18
113	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
114	3D laminar natural convection in a cubical enclosure with gradually changing partitions. International Communications in Heat and Mass Transfer, 2022, 133, 105932.	2.9	18
115	Numerical Study of Natural Convection in a Ferrofluid-Filled Corrugated Cavity With Internal Heat Generation. Journal of Heat Transfer, 2016, 138, .	1.2	17
116	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
117	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
118	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
119	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
120	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
121	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
122	Forced Convection of Pulsating Nanofluid Flow over a Backward Facing Step with Various Particle Shapes. Energies, 2018, 11, 3068.	1.6	16
123	MHD Mixed Convection and Entropy Generation in a Lid-Driven Triangular Cavity for Various Electrical Conductivity Models. Entropy, 2018, 20, 903.	1.1	16
124	Mixed Convection of Pulsating Ferrofluid Flow Over a Backward-Facing Step. Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, 2019, 43, 593-612.	0.8	16
125	Turbulent forced convection of nanofluid in an elliptic cross-sectional pipe. International Communications in Heat and Mass Transfer, 2019, 109, 104384.	2.9	16
126	Pulsating Flow of CNTâ€‘Water Nanofluid Mixed Convection in a Vented Trapezoidal Cavity with an Inner Conductive T-Shaped Object and Magnetic Field Effects. Energies, 2020, 13, 848.	1.6	16

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127	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
128	Effects of phase shift on the heat transfer characteristics in pulsating mixed convection flow in a multiple vented cavity. Applied Mathematical Modelling, 2015, 39, 3666-3677.	2.2	15
129	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
130	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
131	Hybrid nano-jet impingement cooling of a curved elastic hot surface under the combined effects of non-uniform magnetic field and upper plate inclination. Journal of Magnetism and Magnetic Materials, 2022, 561, 169684.	1.0	15
132	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
133	Pulsating nanofluid flow in a wavy bifurcating channel under partially active uniform magnetic field effects. International Communications in Heat and Mass Transfer, 2022, 133, 105938.	2.9	14
134	Mixed convection due to a rotating cylinder in a 3D corrugated cavity filled with single walled CNT-water nanofluid. Journal of Thermal Analysis and Calorimetry, 2019, 135, 341-355.	2.0	13
135	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
136	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
137	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
138	MHD mixed convection of nanofluid in a cubic cavity with a conductive partition for various nanoparticle shapes. International Journal of Numerical Methods for Heat and Fluid Flow, 2019, 29, 3584-3610.	1.6	12
139	Cooling of an isothermal surface having a cavity component by using CuO-water nano-jet. International Journal of Numerical Methods for Heat and Fluid Flow, 2019, 30, 2169-2191.	1.6	12
140	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
141	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
142	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. Journal of Energy Storage, 2021, 41, 102945.	3.9	12
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