

Dd Ganji

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540
papers

27,432
citations

90
h-index

132
g-index

560
ext. papers

31,010
ext. citations

4.1
avg, IF

8.29
L-index

#	Paper	IF	Citations
540	Effect of thermal radiation on magnetohydrodynamics nanofluid flow and heat transfer by means of two phase model. <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 374, 36-43	2.8	616
539	Ferrohydrodynamic and magnetohydrodynamic effects on ferrofluid flow and convective heat transfer. <i>Energy</i> , 2014 , 75, 400-410	7.9	338
538	Heat transfer of Cu-water nanofluid flow between parallel plates. <i>Powder Technology</i> , 2013 , 235, 873-879	5.2	333
537	The application of He's homotopy perturbation method to nonlinear equations arising in heat transfer. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006 , 355, 337-341	2.3	312
536	Nanofluid convective heat transfer using semi analytical and numerical approaches: A review. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016 , 65, 43-77	5.3	282
535	Effect of non-uniform magnetic field on forced convection heat transfer of Fe ₃ O ₄ /water nanofluid. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2015 , 294, 299-312	5.7	277
534	Nanofluid flow and heat transfer between parallel plates considering Brownian motion using DTM. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2015 , 283, 651-663	5.7	265
533	Review of heat transfer enhancement methods: Focus on passive methods using swirl flow devices. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 49, 444-469	16.2	263
532	Numerical investigation of MHD effects on Al ₂ O ₃ /water nanofluid flow and heat transfer in a semi-annulus enclosure using LBM. <i>Energy</i> , 2013 , 60, 501-510	7.9	258
531	Entropy generation of nanofluid in presence of magnetic field using Lattice Boltzmann Method. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015 , 417, 273-286	3.3	250
530	Nanofluid flow and heat transfer in a rotating system in the presence of a magnetic field. <i>Journal of Molecular Liquids</i> , 2014 , 190, 112-120	6	248
529	Investigation of squeezing unsteady nanofluid flow using ADM. <i>Powder Technology</i> , 2013 , 239, 259-265	5.2	244
528	Magnetic field effects on natural convection around a horizontal circular cylinder inside a square enclosure filled with nanofluid. <i>International Communications in Heat and Mass Transfer</i> , 2012 , 39, 978-986	5.8	239
527	Investigation on thermophysical properties of TiO ₂ /Cu/H ₂ O hybrid nanofluid transport dependent on shape factor in MHD stagnation point flow. <i>Powder Technology</i> , 2017 , 322, 428-438	5.2	230
526	Free convection of magnetic nanofluid considering MFD viscosity effect. <i>Journal of Molecular Liquids</i> , 2016 , 218, 393-399	6	220
525	Lattice Boltzmann method for MHD natural convection heat transfer using nanofluid. <i>Powder Technology</i> , 2014 , 254, 82-93	5.2	218
524	Magnetic field effect on unsteady nanofluid flow and heat transfer using Buongiorno model. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 416, 164-173	2.8	213

523	Analytical investigation of MHD nanofluid flow in a semi-porous channel. <i>Powder Technology</i> , 2013 , 246, 327-336	5.2	211
522	Application of He's Homotopy-perturbation Method to Nonlinear Coupled Systems of Reaction-diffusion Equations. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2006 , 7,	1.8	208
521	Numerical simulation of MHD nanofluid flow and heat transfer considering viscous dissipation. <i>International Journal of Heat and Mass Transfer</i> , 2014 , 79, 212-222	4.9	207
520	Magnetohydrodynamic free convection of Al ₂ O ₃ /water nanofluid considering Thermophoresis and Brownian motion effects. <i>Computers and Fluids</i> , 2014 , 94, 147-160	2.8	189
519	Natural convection heat transfer in a nanofluid filled semi-annulus enclosure. <i>International Communications in Heat and Mass Transfer</i> , 2012 , 39, 565-574	5.8	187
518	Ferrofluid flow and heat transfer in a semi annulus enclosure in the presence of magnetic source considering thermal radiation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015 , 47, 6-17	5.3	183
517	Brownian motion and thermophoresis effects on slip flow of alumina/water nanofluid inside a circular microchannel in the presence of a magnetic field. <i>International Journal of Thermal Sciences</i> , 2014 , 84, 196-206	4.1	183
516	Effect of a magnetic field on natural convection in an inclined half-annulus enclosure filled with Cu/water nanofluid using CVFEM. <i>Advanced Powder Technology</i> , 2013 , 24, 980-991	4.6	183
515	Natural convection of nanofluids in an enclosure between a circular and a sinusoidal cylinder in the presence of magnetic field. <i>International Communications in Heat and Mass Transfer</i> , 2012 , 39, 1435-1443	5.8	176
514	Three dimensional heat and mass transfer in a rotating system using nanofluid. <i>Powder Technology</i> , 2014 , 253, 789-796	5.2	175
513	Numerical investigation of magnetic nanofluid forced convective heat transfer in existence of variable magnetic field using two phase model. <i>Journal of Molecular Liquids</i> , 2015 , 212, 117-126	6	172
512	Slip effects on unsteady stagnation point flow of a nanofluid over a stretching sheet. <i>Powder Technology</i> , 2014 , 253, 377-384	5.2	172
511	Thermal and flow analysis of microchannel heat sink (MCHS) cooled by Cu/water nanofluid using porous media approach and least square method. <i>Energy Conversion and Management</i> , 2014 , 78, 347-358	10.6	166
510	Solitary wave solutions for a generalized Hirota-Batsuma coupled KdV equation by homotopy perturbation method. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006 , 356, 131-137	3.7	163
509	Micropolar fluid flow and heat transfer in a permeable channel using analytical method. <i>Journal of Molecular Liquids</i> , 2014 , 194, 30-36	6	162
508	Analytical investigation of Jeffery-Hamel flow with high magnetic field and nanoparticle by Adomian decomposition method. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2012 , 33, 25-36	3.2	160
507	Assessment of homotopy perturbation and perturbation methods in heat radiation equations. <i>International Communications in Heat and Mass Transfer</i> , 2006 , 33, 391-400	5.8	159
506	Natural convection heat transfer in a cavity with sinusoidal wall filled with CuO/water nanofluid in presence of magnetic field. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014 , 45, 40-49	5.3	154

505	Heat transfer study through porous fins (Si3N4 and AL) with temperature-dependent heat generation. <i>Energy Conversion and Management</i> , 2013 , 74, 9-16	10.6	147
504	Effect of electric field on hydrothermal behavior of nanofluid in a complex geometry. <i>Journal of Molecular Liquids</i> , 2016 , 213, 153-161	6	146
503	Nanofluid flow and heat transfer due to a stretching cylinder in the presence of magnetic field. <i>Heat and Mass Transfer</i> , 2013 , 49, 427-436	2.2	146
502	Computer simulation of MHD blood conveying gold nanoparticles as a third grade non-Newtonian nanofluid in a hollow porous vessel. <i>Computer Methods and Programs in Biomedicine</i> , 2014 , 113, 632-41	6.9	140
501	Magnetic field effect on nanofluid flow and heat transfer using KKL model. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014 , 45, 795-807	5.3	139
500	Natural convection of sodium alginate (SA) non-Newtonian nanofluid flow between two vertical flat plates by analytical and numerical methods. <i>Case Studies in Thermal Engineering</i> , 2014 , 2, 14-22	5.6	132
499	A review of different heat exchangers designs for increasing the diesel exhaust waste heat recovery. <i>Renewable and Sustainable Energy Reviews</i> , 2014 , 37, 168-181	16.2	131
498	Magneto-hydrodynamic flow and heat transfer of a hybrid nanofluid in a rotating system among two surfaces in the presence of thermal radiation and Joule heating. <i>AIP Advances</i> , 2019 , 9, 025103	1.5	130
497	Thermal performance of circular convective-radiative porous fins with different section shapes and materials. <i>Energy Conversion and Management</i> , 2013 , 76, 185-193	10.6	130
496	Experimental analysis of heat transfer enhancement in shell and helical tube heat exchangers. <i>Applied Thermal Engineering</i> , 2013 , 51, 644-652	5.8	128
495	Application of LBM in simulation of natural convection in a nanofluid filled square cavity with curve boundaries. <i>Powder Technology</i> , 2013 , 247, 87-94	5.2	127
494	Nonlinear thermal radiation effect on magneto Casson nanofluid flow with Joule heating effect over an inclined porous stretching sheet. <i>Case Studies in Thermal Engineering</i> , 2018 , 12, 176-187	5.6	124
493	Nanofluid hydrothermal behavior in existence of Lorentz forces considering Joule heating effect. <i>Journal of Molecular Liquids</i> , 2016 , 224, 526-537	6	124
492	Numerical investigation for two phase modeling of nanofluid in a rotating system with permeable sheet. <i>Journal of Molecular Liquids</i> , 2014 , 194, 13-19	6	122
491	Natural convection analysis in a square enclosure with a wavy circular heater under magnetic field and nanoparticles. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 139, 661-671	4.1	121
490	MHD free convection in an eccentric semi-annulus filled with nanofluid. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014 , 45, 1204-1216	5.3	120
489	Heat flux boundary condition for nanofluid filled enclosure in presence of magnetic field. <i>Journal of Molecular Liquids</i> , 2014 , 193, 174-184	6	118
488	Heat transfer and flow analysis for SA-TiO2 non-Newtonian nanofluid passing through the porous media between two coaxial cylinders. <i>Journal of Molecular Liquids</i> , 2013 , 188, 155-161	6	118

487	Statistical optimization of microchannel heat sink (MCHS) geometry cooled by different nanofluids using RSM analysis. <i>European Physical Journal Plus</i> , 2015 , 130, 1	3.1	116
486	Magnetic field effect on nanoparticles migration and heat transfer of water/alumina nanofluid in a channel. <i>Journal of Magnetism and Magnetic Materials</i> , 2014 , 362, 172-179	2.8	111
485	Explicit Solutions of Helmholtz Equation and Fifth-order KdV Equation using Homotopy Perturbation Method. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2006 , 7,	1.8	111
484	Numerical investigation of nanofluid spraying on an inclined rotating disk for cooling process. <i>Journal of Molecular Liquids</i> , 2015 , 211, 577-583	6	110
483	Analytical investigation of MHD nanofluid flow in non-parallel walls. <i>Journal of Molecular Liquids</i> , 2014 , 194, 251-259	6	110
482	Heat transfer improvement in a double pipe heat exchanger by means of perforated turbulators. <i>Energy Conversion and Management</i> , 2016 , 127, 112-123	10.6	110
481	Effect of magnetic field on Cu-water nanofluid heat transfer using GMDH-type neural network. <i>Neural Computing and Applications</i> , 2014 , 25, 171-178	4.8	109
480	Thermal management for free convection of nanofluid using two phase model. <i>Journal of Molecular Liquids</i> , 2014 , 194, 179-187	6	108
479	Natural Convection Analysis in a Cavity with an Inclined Elliptical Heater Subject to Shape Factor of Nanoparticles and Magnetic Field. <i>Arabian Journal for Science and Engineering</i> , 2019 , 44, 7919-7931	2.5	107
478	Investigation of cross-fluid flow containing motile gyrotactic microorganisms and nanoparticles over a three-dimensional cylinder. <i>AEJ - Alexandria Engineering Journal</i> , 2020 , 59, 3297-3307	6.1	107
477	Investigation of refrigeration efficiency for fully wet circular porous fins with variable sections by combined heat and mass transfer analysis. <i>International Journal of Refrigeration</i> , 2014 , 40, 140-151	3.8	107
476	Investigation on ethylene glycol Nano fluid flow over a vertical permeable circular cylinder under effect of magnetic field. <i>Results in Physics</i> , 2018 , 9, 1525-1533	3.7	106
475	Modified Buongiorno's model for fully developed mixed convection flow of nanofluids in a vertical annular pipe. <i>Computers and Fluids</i> , 2014 , 89, 124-132	2.8	104
474	Numerical study of shock wave interaction on transverse jets through multiport injector arrays in supersonic crossflow. <i>Acta Astronautica</i> , 2015 , 115, 422-433	2.9	103
473	Nanofluid flow and heat transfer in an asymmetric porous channel with expanding or contracting wall. <i>Journal of Molecular Liquids</i> , 2014 , 195, 230-239	6	102
472	Analytical study of micropolar fluid flow and heat transfer in a channel with permeable walls. <i>Journal of Molecular Liquids</i> , 2015 , 204, 198-204	6	102
471	MHD boundary layer analysis for micropolar dusty fluid containing Hybrid nanoparticles (Cu-Al ₂ O ₃) over a porous medium. <i>Journal of Molecular Liquids</i> , 2018 , 268, 813-823	6	101
470	Numerical study of mixed convection in an inclined two sided lid driven cavity filled with nanofluid using two-phase mixture model. <i>International Communications in Heat and Mass Transfer</i> , 2011 , 38, 1428-1435	5.8	101

469	Thermal analysis of convective fin with temperature-dependent thermal conductivity and heat generation. <i>Case Studies in Thermal Engineering</i> , 2014 , 4, 1-8	5.6	100
468	Numerical approach for magnetic nanofluid flow in a porous cavity using CuO nanoparticles. <i>Materials and Design</i> , 2017 , 120, 382-393	8.1	98
467	A numerical investigation on ethylene glycol-titanium dioxide nanofluid convective flow over a stretching sheet in presence of heat generation/absorption. <i>Case Studies in Thermal Engineering</i> , 2018 , 12, 228-236	5.6	98
466	The flow feature of transverse hydrogen jet in presence of micro air jets in supersonic flow. <i>Advances in Space Research</i> , 2017 , 59, 1330-1340	2.4	97
465	Heat transfer enhancement in an air to water heat exchanger with discontinuous helical turbulators; experimental and numerical studies. <i>Energy</i> , 2016 , 116, 341-352	7.9	97
464	Forced convection analysis for MHD Al ₂ O ₃ /water nanofluid flow over a horizontal plate. <i>Journal of Molecular Liquids</i> , 2013 , 187, 294-301	6	96
463	Impact of Cattaneo-Christov heat flux on MHD nanofluid flow and heat transfer between parallel plates considering thermal radiation effect. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017 , 80, 52-63	5.3	96
462	Homotopy perturbation method for three-dimensional problem of condensation film on inclined rotating disk. <i>Scientia Iranica</i> , 2012 , 19, 437-442	1.5	96
461	Nanofluid heat transfer analysis in a microchannel heat sink (MCHS) under the effect of magnetic field by means of KKL model. <i>Powder Technology</i> , 2018 , 324, 36-47	5.2	95
460	A comprehensive analysis of the flow and heat transfer for a nanofluid over an unsteady stretching flat plate. <i>Powder Technology</i> , 2014 , 258, 125-133	5.2	95
459	Optimization of finned-tube heat exchangers for diesel exhaust waste heat recovery using CFD and CCD techniques. <i>International Communications in Heat and Mass Transfer</i> , 2014 , 57, 254-263	5.8	95
458	Thermal behavior of longitudinal convective-radiative porous fins with different section shapes and ceramic materials (SiC and Si ₃ N ₄). <i>Ceramics International</i> , 2014 , 40, 6765-6775	5.1	92
457	Entropy generation analysis of (CH ₂ OH) ₂ containing CNTs nanofluid flow under effect of MHD and thermal radiation. <i>Case Studies in Thermal Engineering</i> , 2019 , 14, 100482	5.6	91
456	Flow and heat transfer of MHD nanofluid between parallel plates in the presence of thermal radiation. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2016 , 310, 58-76	5.7	91
455	Effects of nanoparticle migration on force convection of alumina/water nanofluid in a cooled parallel-plate channel. <i>Advanced Powder Technology</i> , 2014 , 25, 1369-1375	4.6	91
454	Investigation of film cooling on nose cone by a forward facing array of micro-jets in Hypersonic flow. <i>International Communications in Heat and Mass Transfer</i> , 2015 , 64, 42-49	5.8	91
453	Fe ₃ O ₄ /(CH ₂ OH) ₂ nanofluid analysis in a porous medium under MHD radiative boundary layer and dusty fluid. <i>Journal of Molecular Liquids</i> , 2018 , 258, 172-185	6	90
452	Numerical analysis of discharging process acceleration in LHTESS by immersing innovative fin configuration using finite element method. <i>Applied Thermal Engineering</i> , 2016 , 107, 154-166	5.8	90

451	Numerical analysis of natural convection of Cu-water nanofluid filling triangular cavity with semicircular bottom wall. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 135, 3485-3497	4.1	90
450	Heat reduction using conterflowing jet for a nose cone with aerodisk in hypersonic flow. <i>Aerospace Science and Technology</i> , 2014 , 39, 652-665	4.9	90
449	CVFEM analysis for Fe ₃ O ₄ -H ₂ O nanofluid in an annulus subject to thermal radiation. <i>International Journal of Heat and Mass Transfer</i> , 2019 , 132, 473-483	4.9	89
448	Investigation of MHD Eyring-Powell fluid flow over a rotating disk under effect of homogeneous-heterogeneous reactions. <i>Case Studies in Thermal Engineering</i> , 2019 , 13, 100356	5.6	89
447	Solution of the boundary layer flow of an Eyring-Powell non-Newtonian fluid over a linear stretching sheet by collocation method. <i>AEJ - Alexandria Engineering Journal</i> , 2017 , 56, 621-627	6.1	87
446	Study on blood flow containing nanoparticles through porous arteries in presence of magnetic field using analytical methods. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2015 , 70, 146-156	3	87
445	Convection-radiation heat transfer in solar heat exchangers filled with a porous medium: Homotopy perturbation method versus numerical analysis. <i>Renewable Energy</i> , 2015 , 74, 448-455	8.1	87
444	Refrigeration efficiency analysis for fully wet semi-spherical porous fins. <i>Energy Conversion and Management</i> , 2014 , 84, 533-540	10.6	87
443	Analytical investigation on acceleration motion of a vertically falling spherical particle in incompressible Newtonian media. <i>Advanced Powder Technology</i> , 2010 , 21, 298-304	4.6	87
442	Application of Heun variational iteration method and Adomian decomposition method to the fractional KdV-Burgers-Kuramoto equation. <i>Computers and Mathematics With Applications</i> , 2009 , 58, 2091-2097	2.7	85
441	Application of the energy balance method to nonlinear vibrating equations. <i>Current Applied Physics</i> , 2010 , 10, 104-112	2.6	85
440	Comparison of the single/multi transverse jets under the influence of shock wave in supersonic crossflow. <i>Acta Astronautica</i> , 2016 , 123, 283-291	2.9	85
439	Investigation of MHD Go-water nanofluid flow and heat transfer in a porous channel in the presence of thermal radiation effect. <i>Advanced Powder Technology</i> , 2017 , 28, 1815-1825	4.6	82
438	Mixed convective heat transfer of water/alumina nanofluid inside a vertical microchannel. <i>Powder Technology</i> , 2014 , 263, 37-44	5.2	82
437	Investigation on ethylene glycol-water mixture fluid suspend by hybrid nanoparticles (TiO ₂ -CuO) over rotating cone with considering nanoparticles shape factor. <i>Journal of Molecular Liquids</i> , 2018 , 272, 226-236	6	82
436	Electrohydrodynamic flow analysis in a circular cylindrical conduit using Least Square Method. <i>Journal of Electrostatics</i> , 2014 , 72, 47-52	1.7	81
435	Lattice Boltzmann simulation of natural convection around a horizontal elliptic cylinder inside a square enclosure. <i>International Communications in Heat and Mass Transfer</i> , 2011 , 38, 1436-1442	5.8	81
434	Unsteady squeezing nanofluid simulation and investigation of its effect on important heat transfer parameters in presence of magnetic field. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016 , 67, 467-475	5.3	81

433	Boundary layer analysis of micropolar dusty fluid with TiO ₂ nanoparticles in a porous medium under the effect of magnetic field and thermal radiation over a stretching sheet. <i>Journal of Molecular Liquids</i> , 2017 , 244, 374-389	6	80
432	MHD natural convection in a nanofluid filled inclined enclosure with sinusoidal wall using CVFEM. <i>Neural Computing and Applications</i> , 2014 , 24, 873-882	4.8	79
431	An analytical study on motion of a sphere rolling down an inclined plane submerged in a Newtonian fluid. <i>Powder Technology</i> , 2010 , 198, 82-92	5.2	79
430	Hydrothermal analysis of MHD nanofluid (TiO ₂ -GO) flow between two radiative stretchable rotating disks using AGM. <i>Case Studies in Thermal Engineering</i> , 2019 , 14, 100460	5.6	78
429	A numerical investigation of magneto-hydrodynamic natural convection of Cu-water nanofluid in a wavy cavity using CVFEM. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 135, 2599-2611	4.1	78
428	Effect of variable Lorentz forces on nanofluid flow in movable parallel plates utilizing analytical method. <i>Case Studies in Thermal Engineering</i> , 2017 , 10, 595-610	5.6	78
427	Magneto-hydrodynamic Nanofluid Natural Convection in a Cavity under Thermal Radiation and Shape Factor of Nanoparticles Impacts: A Numerical Study Using CVFEM. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2396	2.6	78
426	Effect of internal fins along with Hybrid Nano-Particles on solid process in star shape triplex Latent Heat Thermal Energy Storage System by numerical simulation. <i>Renewable Energy</i> , 2020 , 154, 497-507	8.1	77
425	Lattice Boltzmann simulation of MHD mixed convection in a lid-driven square cavity with linearly heated wall. <i>Scientia Iranica</i> , 2012 , 19, 1053-1065	1.5	77
424	Free convection of copper-water nanofluid in a porous gap between hot rectangular cylinder and cold circular cylinder under the effect of inclined magnetic field. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 135, 1171-1184	4.1	76
423	Modeling of the air conditions effects on the power and fuel consumption of the SI engine using neural networks and regression. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2017 , 39, 375-384	2	75
422	Heat transfer and nanofluid flow in suction and blowing process between parallel disks in presence of variable magnetic field. <i>Journal of Molecular Liquids</i> , 2014 , 190, 159-168	6	75
421	Analysis of unsteady MHD Eyring-Powell squeezing flow in stretching channel with considering thermal radiation and Joule heating effect using AGM. <i>Case Studies in Thermal Engineering</i> , 2017 , 10, 579-594	5.6	75
420	Influence of electric field on Fe ₃ O ₄ -water nanofluid radiative and convective heat transfer in a permeable enclosure. <i>Journal of Molecular Liquids</i> , 2018 , 250, 404-412	6	75
419	Heat transfer study on convective-radiative semi-spherical fins with temperature-dependent properties and heat generation using efficient computational methods. <i>Applied Thermal Engineering</i> , 2015 , 89, 299-305	5.8	74
418	Experimental and numerical analysis of the optimized finned-tube heat exchanger for OM314 diesel exhaust exergy recovery. <i>Energy Conversion and Management</i> , 2015 , 97, 26-41	10.6	74
417	Investigation of MHD nanofluid flow and heat transfer in a stretching/shrinking convergent/divergent channel considering thermal radiation. <i>Journal of Molecular Liquids</i> , 2016 , 220, 592-603	6	74
416	Effect of Lorentz forces on forced-convection nanofluid flow over a stretched surface. <i>Particuology</i> , 2016 , 26, 108-113	2.8	73

4 ¹⁵	Analysis of geometrical and operational parameters of PCM in a fin and tube heat exchanger. <i>International Communications in Heat and Mass Transfer</i> , 2014 , 53, 109-115	5.8	73
4 ¹⁴	Transportation of MHD nanofluid free convection in a porous semi annulus using numerical approach. <i>Chemical Physics Letters</i> , 2017 , 669, 202-210	2.5	72
4 ¹³	Numerical simulation of hydrothermal features of CuO/H ₂ O nanofluid natural convection within a porous annulus considering diverse configurations of heater. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 141, 2109-2125	4.1	72
4 ¹²	Investigation on three dimensional squeezing flow of mixture base fluid (ethylene glycol-water) suspended by hybrid nanoparticle (Fe ₃ O ₄ -Ag) dependent on shape factor. <i>Journal of Molecular Liquids</i> , 2018 , 262, 376-388	6	72
4 ¹¹	Influence of magnetic field on CuO/H ₂ O nanofluid flow considering Marangoni boundary layer. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 2748-2755	6.7	71
4 ¹⁰	Numerical analysis of nanofluid transportation in porous media under the influence of external magnetic source. <i>Journal of Molecular Liquids</i> , 2017 , 233, 499-507	6	70
4 ⁰⁹	Investigation of different base fluids suspend by CNTs hybrid nanoparticle over a vertical circular cylinder with sinusoidal radius. <i>Case Studies in Thermal Engineering</i> , 2020 , 21, 100666	5.6	70
4 ⁰⁸	Transport of Magnetohydrodynamic nanofluid in a porous media. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 520, 201-212	5.1	69
4 ⁰⁷	Free convection of Fe ₃ O ₄ -water nanofluid under the influence of an external magnetic source. <i>Journal of Molecular Liquids</i> , 2017 , 229, 530-540	6	69
4 ⁰⁶	A modified Fourier approach for analysis of nanofluid heat generation within a semi-circular enclosure subjected to MFD viscosity. <i>International Communications in Heat and Mass Transfer</i> , 2020 , 111, 104430	5.8	69
4 ⁰⁵	Investigation of mixture fluid suspended by hybrid nanoparticles over vertical cylinder by considering shape factor effect. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 143, 1081-1095	4.1	68
4 ⁰⁴	Shape effects of Copper-Oxide (CuO) nanoparticles to determine the heat transfer filled in a partially heated rhombus enclosure: CVFEM approach. <i>International Communications in Heat and Mass Transfer</i> , 2019 , 107, 14-23	5.8	67
4 ⁰³	Numerical study on magnetohydrodynamic CNTs-water nanofluids as a micropolar dusty fluid influenced by non-linear thermal radiation and joule heating effect. <i>Powder Technology</i> , 2018 , 340, 389-399	5.3	67
4 ⁰²	Lattice Boltzmann Simulation of Turbulent Natural Convection in Tall Enclosures Using Cu/Water Nanofluid. <i>Numerical Heat Transfer; Part A: Applications</i> , 2012 , 62, 512-530	2.3	66
4 ⁰¹	Analysis of utilizing Graphene nanoplatelets to enhance thermal performance of flat plate solar collectors. <i>Energy Conversion and Management</i> , 2016 , 126, 1-11	10.6	66
4 ⁰⁰	Natural convection MHD flow due to MoS ₂ /Ag nanoparticles suspended in C ₂ H ₆ O ₂ /H ₂ O hybrid base fluid with thermal radiation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019 , 97, 12-23	5.3	66
3 ⁹⁹	Investigation for squeezing flow of ethylene glycol (C ₂ H ₆ O ₂) carbon nanotubes (CNTs) in rotating stretching channel with nonlinear thermal radiation. <i>Journal of Molecular Liquids</i> , 2018 , 263, 10-21	6	65
3 ⁹⁸	Thermophoresis and Brownian motion effects on heat transfer enhancement at film boiling of nanofluids over a vertical cylinder. <i>Journal of Molecular Liquids</i> , 2016 , 216, 503-509	6	65

397	Convection-radiation heat transfer study of moving fin with temperature-dependent thermal conductivity, heat transfer coefficient and heat generation. <i>Applied Thermal Engineering</i> , 2016 , 103, 705-712	5.8	65
396	Hydrothermal analysis of MHD squeezing mixture fluid suspended by hybrid nanoparticles between two parallel plates. <i>Case Studies in Thermal Engineering</i> , 2020 , 21, 100650	5.6	64
395	Thermal radiation effect on the Nano-fluid buoyancy flow and heat transfer over a stretching sheet considering Brownian motion. <i>Journal of Molecular Liquids</i> , 2016 , 223, 521-527	6	64
394	Investigation of natural convection of magnetic nanofluid in an enclosure with a porous medium considering Brownian motion. <i>Case Studies in Thermal Engineering</i> , 2019 , 14, 100502	5.6	64
393	Optimization of hybrid nanoparticles with mixture fluid flow in an octagonal porous medium by effect of radiation and magnetic field. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 143, 1413-1424	4.1	64
392	Numerical investigation of nanofluid transportation in a curved cavity in existence of magnetic source. <i>Chemical Physics Letters</i> , 2017 , 667, 307-316	2.5	63
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- 1 Letter to editor about Comment on the paper Investigation of squeezing unsteady nanofluid flow using ADM. Sheikholeslami, D.D. Ganji, H.R. Ashorynejad, Powder Technology 239 (2013) 259-265 Powder Technology, 2021, 379, 655

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