

S Sivasankaran

List of Publications by Year in descending order

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times ranked

1510
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydro-magnetic combined convection in a lid-driven cavity with sinusoidal boundary conditions on both sidewalls. <i>International Journal of Heat and Mass Transfer</i> , 2011, 54, 512-525.	4.8	130
2	Manufacturing Methods, Microstructural and Mechanical Properties Evolutions of High-Entropy Alloys: A Review. <i>Metals and Materials International</i> , 2020, 26, 1099-1133.	3.4	101
3	Internal heat generation effect on transient natural convection in a nanofluid-saturated local thermal non-equilibrium porous inclined cavity. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 509, 275-293.	2.6	78
4	Numerical study on mixed convection in a lid-driven cavity with non-uniform heating on both sidewalls. <i>International Journal of Heat and Mass Transfer</i> , 2010, 53, 4304-4315.	4.8	77
5	Effect of temperature dependent properties on MHD convection of water near its density maximum in a square cavity. <i>International Journal of Thermal Sciences</i> , 2008, 47, 1184-1194.	4.9	76
6	Boundary layer flow and heat transfer due to permeable stretching tube in the presence of heat source/sink utilizing nanofluids. <i>Applied Mathematics and Computation</i> , 2014, 238, 149-162.	2.2	74
7	Lattice Boltzmann simulation of natural convection heat transfer in an open enclosure filled with Cu-water nanofluid in a presence of magnetic field. <i>Nuclear Engineering and Design</i> , 2014, 268, 10-17.	1.7	74
8	Effect of heating location and size on mixed convection in lid-driven cavities. <i>Computers and Mathematics With Applications</i> , 2010, 59, 3053-3065.	2.7	73
9	Magneto-hydrodynamic natural convection in an inclined T-shaped enclosure for different nanofluids and subjected to a uniform heat source. <i>AEJ - Alexandria Engineering Journal</i> , 2016, 55, 2157-2169.	6.4	72
10	Effect of aspect ratio on natural convection in an inclined rectangular enclosure with sinusoidal boundary condition. <i>International Communications in Heat and Mass Transfer</i> , 2013, 45, 75-85.	5.6	71
11	Magnetoconvection in a Square Enclosure with Sinusoidal Temperature Distributions on Both Side Walls. <i>Numerical Heat Transfer; Part A: Applications</i> , 2011, 59, 167-184.	2.1	67
12	Analytical and numerical study on convection of nanofluid past a moving wedge with Soret and Dufour effects. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2017, 27, 2333-2354.	2.8	67
13	Numerical study on mixed convection in an inclined lid-driven cavity with discrete heating. <i>International Communications in Heat and Mass Transfer</i> , 2013, 46, 112-125.	5.6	65
14	MHD mixed convection of Cu-water nanofluid in a two-sided lid-driven porous cavity with a partial slip. <i>Numerical Heat Transfer; Part A: Applications</i> , 2016, 70, 1356-1370.	2.1	64
15	Viscous dissipation and radiation effects on MHD natural convection in a square enclosure filled with a porous medium. <i>Nuclear Engineering and Design</i> , 2014, 266, 34-42.	1.7	62
16	Turbulent forced convection of Cu-water nanofluid: CFD model comparison. <i>International Communications in Heat and Mass Transfer</i> , 2015, 67, 163-172.	5.6	61
17	Natural convection in a wavy porous cavity with sinusoidal heating and internal heat generation. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2017, 27, 287-309.	2.8	61
18	Natural Convection of Nanofluids in a Cavity with Nonuniform Temperature Distributions on Side Walls. <i>Numerical Heat Transfer; Part A: Applications</i> , 2014, 65, 247-268.	2.1	59

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19	Effect of Chemical Reaction on Convective Heat Transfer of Boundary Layer Flow in Nanofluid over a Wedge with Heat Generation/Absorption and Suction. <i>Journal of Applied Fluid Mechanics</i> , 2016, 9, 379-388.	0.2	58
20	Numerical Study on Double Diffusive Mixed Convection with a Soret Effect in a Two-Sided Lid-Driven Cavity. <i>Numerical Heat Transfer; Part A: Applications</i> , 2011, 59, 543-560.	2.1	57
21	Natural Convection in a Porous Cavity with Sinusoidal Heating on Both Sidewalls. <i>Numerical Heat Transfer; Part A: Applications</i> , 2013, 63, 14-30.	2.1	55
22	Mixed convection from a discrete heat source in enclosures with two adjacent moving walls and filled with micropolar nanofluids. <i>Engineering Science and Technology, an International Journal</i> , 2016, 19, 364-376.	3.2	54
23	Three-dimensional unsteady natural convection and entropy generation in an inclined cubical trapezoidal cavity with an isothermal bottom wall. <i>AEJ - Alexandria Engineering Journal</i> , 2016, 55, 741-755.	6.4	52
24	Buoyancy induced convection in a porous cavity with partially thermally active sidewalls. <i>International Journal of Heat and Mass Transfer</i> , 2011, 54, 5173-5182.	4.8	50
25	Numerical Simulation on Mixed Convection in a Porous Lid-Driven Cavity with Nonuniform Heating on Both Side Walls. <i>Numerical Heat Transfer; Part A: Applications</i> , 2012, 61, 101-121.	2.1	48
26	Chemical reaction, radiation and slip effects on MHD mixed convection stagnation-point flow in a porous medium with convective boundary condition. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2017, 27, 454-470.	2.8	48
27	Buoyancy-driven convection of water near its density maximum with partially active vertical walls. <i>International Journal of Heat and Mass Transfer</i> , 2007, 50, 942-948.	4.8	47
28	Effect of aspect ratio on convection in a porous enclosure with partially active thermal walls. <i>Computers and Mathematics With Applications</i> , 2011, 62, 3844-3856.	2.7	47
29	Modeling of MHD natural convection in a square enclosure having an adiabatic square shaped body using Lattice Boltzmann Method. <i>AEJ - Alexandria Engineering Journal</i> , 2016, 55, 203-214.	6.4	46
30	Effect of alumina content on microstructures, mechanical, wear and machining behavior of Cu-10Zn nanocomposite prepared by mechanical alloying and hot-pressing. <i>Journal of Alloys and Compounds</i> , 2017, 709, 129-141.	5.5	46
31	Existence of global solutions for second order impulsive abstract partial differential equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2011, 74, 6747-6757.	1.1	40
32	Numerical investigation of two-phase laminar pulsating nanofluid flow in helical microchannel filled with a porous medium. <i>International Communications in Heat and Mass Transfer</i> , 2016, 75, 86-91.	5.6	40
33	Active and passive controls of the Williamson stagnation nanofluid flow over a stretching/shrinking surface. <i>Neural Computing and Applications</i> , 2017, 28, 1023-1033.	5.6	40
34	Magneto-convection of nanofluids in a lid-driven trapezoidal cavity with internal heat generation and discrete heating. <i>Numerical Heat Transfer; Part A: Applications</i> , 2017, 71, 1223-1234.	2.1	40
35	Second-order slip, cross-diffusion and chemical reaction effects on magneto-convection of Oldroyd-B liquid using Cattaneo-Christov heat flux with convective heating. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 136, 401-409.	3.6	39
36	Soret and Dufour Effects on MHD Mixed Convection Heat and Mass Transfer of a Stagnation Point Flow towards a Vertical Plate in a Porous Medium with Chemical Reaction, Radiation and Heat Generation. <i>Journal of Applied Fluid Mechanics</i> , 2016, 9, 1447-1455.	0.2	39

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37	Impact of double-stratification on convective flow of a non-Newtonian liquid in a Riga plate with Cattaneo-Christov double-flux and thermal radiation. <i>Ain Shams Engineering Journal</i> , 2021, 12, 969-981.	6.1	37
38	Mixed Convection in a Lid-Driven Two-Dimensional Square Cavity with Corner Heating and Internal Heat Generation. <i>Numerical Heat Transfer; Part A: Applications</i> , 2014, 65, 269-286.	2.1	35
39	Effect of Discrete Heating on Natural Convection in a Rectangular Porous Enclosure. <i>Transport in Porous Media</i> , 2011, 86, 261-281.	2.6	34
40	A Numerical Simulation on MHD Mixed Convection in a Lid-driven Cavity with Corner Heaters. <i>Journal of Applied Fluid Mechanics</i> , 2016, 9, 311-319.	0.2	34
41	Turbulent forced convection of Cu-water nanofluid in a heated tube: Improvement of the two-phase model. <i>Numerical Heat Transfer; Part A: Applications</i> , 2016, 69, 401-420.	2.1	31
42	Effect of heating location and size on MHD mixed convection in a lid-driven cavity. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2013, 23, 867-884.	2.8	30
43	Soret and Dufour effects on viscoelastic boundary layer flow over a stretching surface with convective boundary condition with radiation and chemical reaction. <i>Scientia Iranica</i> , 2016, 23, 2575-2586.	0.4	29
44	Numerical simulation on convection of non-Newtonian fluid in a porous enclosure with non-uniform heating and thermal radiation. <i>AEJ - Alexandria Engineering Journal</i> , 2020, 59, 3315-3323.	6.4	28
45	Variable heat source in stagnation-point unsteady flow of magnetized Oldroyd-B fluid with cubic autocatalysis chemical reaction. <i>Ain Shams Engineering Journal</i> , 2022, 13, 101610.	6.1	28
46	Effect of moving wall direction on mixed convection in an inclined lid-driven square cavity with sinusoidal heating. <i>Numerical Heat Transfer; Part A: Applications</i> , 2016, 69, 630-642.	2.1	27
47	Strengthening Mechanisms on (Cu-10Zn)100wt% Al ₂ O ₃ (x=0, 3, 6, 9 and 12) Nanocomposites Prepared by Mechanical Alloying and Vacuum Hot Pressing: Influence of Reinforcement Content. <i>Transactions of the Indian Institute of Metals</i> , 2017, 70, 791-800.	1.5	25
48	Double-diffusive mixed convection in a lid-driven cavity with non-uniform heating on sidewalls. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2017, 42, 1929-1941.	1.3	25
49	CFD models comparative study on nanofluids subcooled flow boiling in a vertical pipe. <i>Numerical Heat Transfer; Part A: Applications</i> , 2018, 73, 55-74.	2.1	25
50	Effect of Temperature Dependent Properties on Natural Convection of Water Near its Density Maximum in Enclosures. <i>Numerical Heat Transfer; Part A: Applications</i> , 2007, 53, 507-523.	2.1	24
51	Mixed convection in an inclined lid-driven cavity with non-uniform heating on both sidewalls. <i>Journal of Applied Mechanics and Technical Physics</i> , 2014, 55, 634-649.	0.5	24
52	Effect of Radiation on MHD Convective Flow and Heat Transfer of a Viscoelastic Fluid Over a Stretching Surface. <i>Procedia Engineering</i> , 2015, 127, 916-923.	1.2	24
53	Two-Phase Analysis of A Helical Microchannel Heat Sink Using Nanofluids. <i>Numerical Heat Transfer; Part A: Applications</i> , 2015, 68, 1266-1279.	2.1	24
54	Numerical study on free convection of cold water in a square porous cavity heated with sinusoidal wall temperature. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2017, 27, 1000-1014.	2.8	22

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55	LIE GROUP ANALYSIS OF RADIATION NATURAL CONVECTION FLOW OVER AN INCLINED SURFACE IN A POROUS MEDIUM WITH INTERNAL HEAT GENERATION. <i>Journal of Porous Media</i> , 2012, 15, 1155-1164.	1.9	22
56	Numerical study on magneto-convection of cold water in an open cavity with variable fluid properties. <i>International Journal of Heat and Fluid Flow</i> , 2011, 32, 932-942.	2.4	21
57	Experimental investigation on synthesis and structural characterization of Cu-Zn-x wt%Al ₂ O ₃ (x = 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10) compounds. <i>Journal of Materials Research</i> , 2016, 27, 518-526.	5.5	21
58	CONJUGATE NATURAL CONVECTION IN AN INCLINED SQUARE POROUS ENCLOSURE WITH FINITE WALL THICKNESS AND PARTIALLY HEATED FROM ITS LEFT SIDEWALL. <i>Heat Transfer Research</i> , 2016, 47, 383-402.	1.6	21
59	Natural convection in a square cavity with partially active vertical walls: Time-periodic boundary condition. <i>Mathematical Problems in Engineering</i> , 2006, 2006, 1-16.	1.1	20
60	Analytical and Numerical Study on Magnetoconvection Stagnation-Point Flow in a Porous Medium with Chemical Reaction, Radiation, and Slip Effects. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-12.	1.1	20
61	Influence of Geometry and Magnetic Field on Convective Flow of Nanofluids in Trapezoidal Microchannel Heat Sink. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 2020, 44, 373-382.	1.3	19
62	Numerical Simulation on Convection and Thermal Radiation of Casson Fluid in an Enclosure with Entropy Generation. <i>Entropy</i> , 2020, 22, 229.	2.2	19
63	Chemical reaction, soot and dufour effects on MHD mixed convection stagnation point flow with radiation and slip condition. <i>Scientia Iranica</i> , 2017, 24, 698-706.	0.4	19
64	Buoyancy-driven convection of water near its density maximum with time periodic partially active vertical walls. <i>Meccanica</i> , 2007, 42, 503-510.	2.0	18
65	Lie group analysis of natural convection heat and mass transfer in an inclined surface with chemical reaction. <i>Nonlinear Analysis: Hybrid Systems</i> , 2009, 3, 536-542.	3.5	18
66	Effect of Aspect Ratio on Natural Convection in a Porous Wavy Cavity. <i>Arabian Journal for Science and Engineering</i> , 2018, 43, 1409-1421.	3.0	18
67	Effect of thermally active zones and direction of magnetic field on hydromagnetic convection in an enclosure. <i>Thermal Science</i> , 2011, 15, 367-382.	1.1	18
68	Double diffusive convection of anomalous density fluids in a porous cavity. <i>Transport in Porous Media</i> , 2008, 71, 133-145.	2.6	17
69	Numerical investigation of two-phase laminar pulsating nanofluid flow in a helical microchannel. <i>Numerical Heat Transfer; Part A: Applications</i> , 2016, 69, 921-930.	2.1	17
70	OPTICAL NUMERICAL INVESTIGATION OF A SOLAR POWER PLANT OF PARABOLIC TROUGH COLLECTORS. <i>Journal of Thermal Engineering</i> , 0, , 550-569.	1.6	17
71	Double Diffusive Convection of Water in a Rectangular Partitioned Enclosure with Temperature Dependent Species Diffusivity. <i>International Journal of Fluid Mechanics Research</i> , 2006, 33, 345-361.	0.4	15
72	Lie group analysis of radiation natural convection heat transfer past an inclined porous surface. <i>Journal of Mechanical Science and Technology</i> , 2008, 22, 1779-1784.	1.5	15

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73	Effect of Variable Fluid Properties on Natural Convection of Nanofluids in a Cavity with Linearly Varying Wall Temperature. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-13.	1.1	15
74	Heterogeneous and Homogeneous Reaction Analysis on MHD Oldroyd-B Fluid with Cattaneo-Christov Heat Flux Model and Convective Heating. <i>Defect and Diffusion Forum</i> , 0, 387, 194-206.	0.4	15
75	Mixed convection in a lid-driven cavity with sinusoidal boundary temperature at the bottom wall in the presence of magnetic field. <i>Scientia Iranica</i> , 2016, 23, 1027-1036.	0.4	15
76	Buoyancy- and Thermocapillary-Induced Convection of Cold Water in an Open Enclosure with Variable Fluid Properties. <i>Numerical Heat Transfer; Part A: Applications</i> , 2010, 58, 457-474.	2.1	14
77	Effects of Entropy Generation, Thermal Radiation and Moving-Wall Direction on Mixed Convective Flow of Nanofluid in an Enclosure. <i>Mathematics</i> , 2020, 8, 1471.	2.2	14
78	Numerical study on influence of water based hybrid nanofluid and porous media on heat transfer and pressure loss. <i>Case Studies in Thermal Engineering</i> , 2022, 34, 102022.	5.7	13
79	Effect of a Partition on Hydro-Magnetic Convection in an Enclosure. <i>Arabian Journal for Science and Engineering</i> , 2011, 36, 1393-1406.	1.1	12
80	Soret and Dufour Effect on MHD Jeffrey Nanofluid Flow towards a Stretching Cylinder with Triple Stratification, Radiation and Slip. <i>Defect and Diffusion Forum</i> , 2018, 387, 523-533.	0.4	12
81	Magneto-convection of water near its maximum density in a cavity with partially thermally active walls. <i>Energy and Environment</i> , 2019, 30, 833-853.	4.6	12
82	Synthesis, Microstructures and Mechanical Behaviour of Cr _{0.21} Fe _{0.20} Al _{0.41} Cu _{0.18} and Cr _{0.14} Fe _{0.13} Al _{0.26} Cu _{0.11} Si _{0.25} Zn _{0.11} Nanocrystallite Entropy Alloys Prepared by Mechanical Alloying and Hot-Pressing. <i>Metals and Materials International</i> , 2021, 27, 139-155.	3.4	12
83	Numerical study on convective flow boiling of nanoliquid inside a pipe filling with aluminum metal foam by two-phase model. <i>Case Studies in Thermal Engineering</i> , 2021, 26, 101095.	5.7	12
84	Numerical study on buoyant convection and thermal radiation in a cavity with various thermal sources and Cattaneo-Christov heat flux. <i>Case Studies in Thermal Engineering</i> , 2021, 27, 101207.	5.7	12
85	Numerical study on convective flow in a three-dimensional enclosure with hot solid body and discrete cooling. <i>Numerical Heat Transfer; Part A: Applications</i> , 2019, 76, 87-99.	2.1	11
86	Lattice Boltzmann Simulation for a Lid-Driven Cavity with Discrete Heating/Cooling Sources. <i>Journal of Thermophysics and Heat Transfer</i> , 2016, 30, 573-586.	1.6	10
87	Free Convection Flow in an Inclined Porous Surface. <i>Journal of Porous Media</i> , 2009, 12, 997-1003.	1.9	10
88	Impact of electro-magneto-hydrodynamics in radiative flow of nanofluids between two rotating plates. <i>AEJ - Alexandria Engineering Journal</i> , 2022, 61, 10307-10317.	6.4	10
89	Hydro-magnetic mixed convection in a lid-driven cavity with partially thermally active walls. <i>Scientia Iranica</i> , 2017, 24, 153-163.	0.4	9
90	Effect of partial slip and chemical reaction on convection of a viscoelastic fluid over a stretching surface with Cattaneo-Christov heat flux model. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 263, 062009.	0.6	8

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91	MHD bioconvective flow of a thermally radiative nanoliquid in a stratified medium considering gyrotactic microorganisms. <i>Journal of Physics: Conference Series</i> , 2020, 1597, 012001.	0.4	8
92	Numerical study on convective flow and heat transfer in 3D inclined enclosure with hot solid body and discrete cooling. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2020, 30, 4649-4659.	2.8	8
93	Impact of stratifications and chemical reaction on convection of a non-Newtonian fluid in a Riga plate with thermal radiation and Cattaneo-Christov flux. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 6519-6535.	3.6	8
94	EXISTENCE OF GLOBAL SOLUTIONS FOR IMPULSIVE FUNCTIONAL DIFFERENTIAL EQUATIONS WITH NONLOCAL CONDITIONS. <i>Journal of Nonlinear Science and Applications</i> , 2011, 04, 102-114.	1.0	8
95	NUMERICAL STUDY OF MIXED CONVECTION IN A LID-DRIVEN CAVITY WITH PARTIAL HEATING/COOLING AND INTERNAL HEAT GENERATION. <i>Heat Transfer Research</i> , 2012, 43, 461-482.	1.6	7
96	Effect of wall inclination on natural convection in a porous trapezoidal cavity. , 2014, , .		7
97	Effects of chemical reaction on MHD mixed convection stagnation point flow toward a vertical plate in a porous medium with radiation and heat generation. <i>Journal of Physics: Conference Series</i> , 2015, 662, 012014.	0.4	7
98	A survey on security attacks in electronic healthcare systems. , 2017, , .		7
99	Cold deformation of dezincification resistant yellow brass for plumbing applications. <i>Materials and Manufacturing Processes</i> , 2018, 33, 1693-1700.	4.7	7
100	Upper-convected Maxwell fluid analysis over a horizontal wedge using Cattaneo-Christov heat flux model. <i>Thermal Science</i> , 2021, 25, 1013-1021.	1.1	7
101	CONVECTIVE HEAT TRANSFER AND FLUID FLOW ANALYSIS IN A HELICAL MICROCHANNEL FILLED WITH A POROUS MEDIUM. <i>Journal of Porous Media</i> , 2015, 18, 791-800.	1.9	7
102	Lie group analysis of radiation natural convection flow past an inclined surface. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2008, 13, 269-276.	3.3	6
103	Natural convection in a linearly heated vertical porous annulus. <i>Journal of Physics: Conference Series</i> , 2018, 1139, 012018.	0.4	6
104	Heat retention analysis with thermal encapsulation of powertrain under natural soak environment. <i>International Journal of Heat and Mass Transfer</i> , 2020, 147, 118940.	4.8	6
105	Influence of thermal radiation on squeezing flow of copper-water nanofluid between parallel plates. <i>Materials Today: Proceedings</i> , 2021, 42, 457-464.	1.8	6
106	Cross Diffusion Effects on MHD Convection of Casson-Williamson Fluid over a Stretching Surface with Radiation and Chemical Reaction. <i>Trends in Mathematics</i> , 2019, , 139-146.	0.1	6
107	Frozen Jacobian Multistep Iterative Method for Solving Nonlinear IVPs and BVPs. <i>Complexity</i> , 2017, 2017, 1-30.	1.6	5
108	Effect of Non-linear Radiation on 3D Unsteady MHD Nanoliquid Flow over a Stretching Surface with Double Stratification. <i>Trends in Mathematics</i> , 2019, , 109-116.	0.1	5

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109	Soret & Dufour and Triple Stratification Effect on MHD Flow with Velocity Slip towards a Stretching Cylinder. <i>Mathematical and Computational Applications</i> , 2022, 27, 25.	1.3	5
110	Free convection flow in an inclined plate with variable thermal conductivity by scaling group transformations. , 2014, , .		4
111	Convective heat transfer of nanofluid past a wedge in the presence of heat generation/absorption with suction/injection. , 2014, , .		4
112	Effects of multiple slip on MHD combined convective flow of viscoelastic nanofluid over a stretchy sheet with heat absorption. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 390, 012096.	0.6	4
113	Convective heat and mass transfer of chemically reacting fluids with activation energy along with Soret and Dufour effects. <i>Materials Today: Proceedings</i> , 2021, 42, 600-606.	1.8	4
114	Chemical reaction, radiation and activation energy effects on MHD buoyancy induced nanofluid flow past a vertical surface. <i>Scientia Iranica</i> , 2021, .	0.4	4
115	Influence of Transverse Magnetic Field on Microchannel Heat Sink Performance. <i>Journal of Applied Fluid Mechanics</i> , 2016, 9, 3159-3166.	0.2	4
116	Nanofluid flow with activation energy and heat generation under slip boundary condition with convective heat and mass transfer. <i>Materials Today: Proceedings</i> , 2022, 59, 959-967.	1.8	4
117	Effect of second order slip and non-linear thermal radiation on mixed convection flow of MHD Jeffrey nanofluid with double stratification under convective boundary condition. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 390, 012081.	0.6	3
118	Analytical and Numerical Study on Cross Diffusion Effects on Magneto-Convection of a Chemically Reacting Fluid with Suction/Injection and Convective Boundary Condition. <i>Defect and Diffusion Forum</i> , 2020, 401, 63-78.	0.4	3
119	Natural convection in an inclined porous triangular enclosure with various thermal boundary conditions. <i>Thermal Science</i> , 2018, , 159-159.	1.1	3
120	Zero and nonzero normal fluxes of thermal radiative boundary layer flow of nanofluid over a radially stretched surface. <i>Scientia Iranica</i> , 2017, .	0.4	3
121	Effects of viscous dissipation and convective heating on convection flow of a second grade liquid over a stretching surface: Analytical and numerical study. <i>Scientia Iranica</i> , 2018, .	0.4	3
122	Effect of Thermal Radiation on Magneto-Convection of a Micropolar Nanoliquid towards a Non-Linear Stretching Surface with Convective Boundary. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 417.	0.3	3
123	Radiation and cross diffusion on unsteady chemically reactive convective flow through an extended surface in heat generating porous medium. <i>International Journal of Energy Technology and Policy</i> , 2021, 17, 494.	0.2	3
124	Mixed convection of water near its density maximum in a lid-driven porous square cavity. , 2014, , .		2
125	Effect of thermal radiation and suction on convective heat transfer of nanofluid along a wedge in the presence of heat generation/absorption. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	2
126	Impacts of chemical reaction on MHD double diffusive flow with suction/blowing and slip. <i>Journal of Physics: Conference Series</i> , 2018, 1139, 012089.	0.4	2

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127	Thermal radiation and cross diffusion effects on 3D convective flow of a viscoelastic fluid over a stretchy paper with chemical reaction. <i>Journal of Physics: Conference Series</i> , 2018, 1139, 012029.	0.4	2
128	Effect of baffle size and thermal boundary conditions on mixed convection flow in a channel with cavity. <i>Journal of Physics: Conference Series</i> , 2018, 1139, 012088.	0.4	2
129	Dufour and Soret effects on MHD convection of Oldroyd-B liquid over stretching surface with chemical reaction and radiation using Cattaneo-Christov heat flux. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 390, 012077.	0.6	2
130	MHD Flow of Carreau Liquid with Partial Slip and Newtonian Heating. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 637.	0.3	2
131	Stratification and Cross Diffusion Effects on Magneto-Convection Stagnation-Point Flow in a Porous Medium with Chemical Reaction, Radiation, and Slip Effects. <i>Trends in Mathematics</i> , 2019, , 245-253.	0.1	2
132	Numerical Study on Mixed Convection Flow and Energy Transfer in an Inclined Channel Cavity: Effect of Baffle Size. <i>Mathematical and Computational Applications</i> , 2022, 27, 9.	1.3	2
133	Free convection in an inclined porous cavity with sinusoidal heating on sidewalls. <i>Materials Today: Proceedings</i> , 2022, 59, 1189-1195.	1.8	2
134	Non-isothermal flow through a rotating straight duct with wide range of rotational and pressure driven parameters. <i>Computational Mathematics and Mathematical Physics</i> , 2013, 53, 1571-1589.	0.8	1
135	Natural convection in an inclined square enclosure subject to sinusoidal temperature profile. , 2013, , .		1
136	Numerical solution of Cheng-Minkowycz natural convection nanofluid flow with zero flux. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	1
137	Numerical analysis on MHD Marangoni convection in an open enclosure. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	1
138	Effect of thermal radiation and heat absorption of MHD Casson nanofluid over a stretching surface in a porous medium with convective heat and mass conditions. <i>Journal of Physics: Conference Series</i> , 2018, 1139, 012017.	0.4	1
139	Dufour-Soret Effects on 3D Convective Viscoelastic Fluid Flow Upon a Stretched Surface. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 598.	0.3	1
140	Cross diffusion, radiation and chemical reaction effects on MHD combined convective flow towards a stagnation-point upon vertical plate with heat generation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 390, 012088.	0.6	1
141	Effect of thermal radiation and slip on unsteady 3D MHD nanofluid flow over a non-linear stretching sheet in a porous medium with convective boundary condition. <i>Journal of Physics: Conference Series</i> , 2018, 1139, 012027.	0.4	1
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