

# Abdelraheem Aly

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Magnetic field and internal heat generation effects on the free convection in a rectangular cavity filled with a porous medium saturated with Cu <sup>2+</sup> water nanofluid. International Journal of Heat and Mass Transfer, 2017, 104, 878-889.	2.5	185
2	SIMILARITY SOLUTION FOR UNSTEADY HEAT AND MASS TRANSFER FROM A STRETCHING SURFACE EMBEDDED IN A POROUS MEDIUM WITH SUCTION/INJECTION AND CHEMICAL REACTION EFFECTS. Chemical Engineering Communications, 2010, 197, 846-858.	1.5	175
3	MHD FREE CONVECTION FLOW OF A NANOFLLUID PAST A VERTICAL PLATE IN THE PRESENCE OF HEAT GENERATION OR ABSORPTION EFFECTS. Chemical Engineering Communications, 2010, 198, 425-441.	1.5	170
4	A Stabilized Incompressible SPH Method by Relaxing the Density Invariance Condition. Journal of Applied Mathematics, 2012, 2012, 1-24.	0.4	128
5	Natural Convection in a Non-Darcy Porous Cavity Filled with Cu <sup>2+</sup> Water Nanofluid Using the Characteristic-Based Split Procedure in Finite-Element Method. Numerical Heat Transfer; Part A: Applications, 2015, 67, 224-247.	1.2	76
6	Incompressible smoothed particle hydrodynamics simulation of natural convection in a nanofluid-filled complex wavy porous cavity with inner solid particles. Physica A: Statistical Mechanics and Its Applications, 2020, 537, 122623.	1.2	76
7	Natural convection flow of a power-law non-Newtonian nanofluid in inclined open shallow cavities filled with porous media. International Journal of Mechanical Sciences, 2018, 140, 376-393.	3.6	75
8	Effect of a wavy interface on the natural convection of a nanofluid in a cavity with a partially layered porous medium using the ISPH method. Numerical Heat Transfer; Part A: Applications, 2017, 72, 68-88.	1.2	63
9	Natural convection over circular cylinders in a porous enclosure filled with a nanofluid under thermo-diffusion effects. Journal of the Taiwan Institute of Chemical Engineers, 2017, 70, 88-103.	2.7	55
10	Double-diffusive convection of a rotating circular cylinder in a porous cavity suspended by nano-encapsulated phase change materials. Case Studies in Thermal Engineering, 2021, 24, 100864.	2.8	55
11	Transient natural convection flow of a nanofluid over a vertical cylinder. Meccanica, 2013, 48, 71-81.	1.2	54
12	Modelling of surface tension force for free surface flows in ISPH method. International Journal of Numerical Methods for Heat and Fluid Flow, 2013, 23, 479-498.	1.6	47
13	Double-diffusive natural convection in an enclosure filled with nanofluid using ISPH method. AEJ - Alexandria Engineering Journal, 2016, 55, 3037-3052.	3.4	46
14	Incompressible smoothed particle hydrodynamics (ISPH) method for natural convection in a nanofluid-filled cavity including rotating solid structures. International Journal of Mechanical Sciences, 2018, 146-147, 125-140.	3.6	44
15	ISPH simulations of natural convection flow in E-enclosure filled with a nanofluid including homogeneous/heterogeneous porous media and solid particles. International Journal of Heat and Mass Transfer, 2020, 160, 120153.	2.5	43
16	ISPH modeling of natural convection heat transfer with an analytical kernel renormalization factor. Meccanica, 2018, 53, 2299-2318.	1.2	41
17	An incompressible smoothed particle hydrodynamics method for natural/mixed convection in a non-Darcy anisotropic porous medium. International Journal of Heat and Mass Transfer, 2014, 77, 1155-1168.	2.5	39
18	Modeling of multi-phase flows and natural convection in a square cavity using an incompressible smoothed particle hydrodynamics. International Journal of Numerical Methods for Heat and Fluid Flow, 2015, 25, 513-533.	1.6	37

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19	Three-Dimensional Incompressible Smoothed Particle Hydrodynamics for Simulating Fluid Flows Through Porous Structures. <i>Transport in Porous Media</i> , 2015, 110, 483-502.	1.2	37
20	The magnetic field on a nanofluid flow within a finned cavity containing solid particles. <i>Case Studies in Thermal Engineering</i> , 2021, 25, 100945.	2.8	37
21	Magneto-bioconvection flow of hybrid nanofluid in the presence of oxytactic bacteria in a lid-driven cavity with a streamlined obstacle. <i>International Communications in Heat and Mass Transfer</i> , 2022, 134, 106029.	2.9	36
22	Improved wall boundary conditions in the incompressible smoothed particle hydrodynamics method. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2018, 28, 704-725.	1.6	35
23	Double-diffusive natural convection in an enclosure including/excluding sloshing rod using a stabilized ISPH method. <i>International Communications in Heat and Mass Transfer</i> , 2016, 73, 84-99.	2.9	34
24	Entropy generation due to mixed convection over vertical permeable cylinders using nanofluids. <i>Journal of King Saud University - Science</i> , 2019, 31, 352-361.	1.6	34
25	HEAT AND MASS TRANSFER IN STAGNATION-POINT FLOW OF A POLAR FLUID TOWARDS A STRETCHING SURFACE IN POROUS MEDIA IN THE PRESENCE OF SORET, DUFOUR AND CHEMICAL REACTION EFFECTS. <i>Chemical Engineering Communications</i> , 2010, 198, 214-234.	1.5	33
26	A numerical study on unsteady natural/mixed convection in a cavity with fixed and moving rigid bodies using the ISPH method. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2018, 28, 684-703.	1.6	33
27	ISPH method for MHD convective flow from grooves inside a nanofluid-filled cavity under the effects of Soret and Dufour numbers. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 546, 124087.	1.2	33
28	Analysis of unsteady mixed convection in lid-driven cavity included circular cylinders motion using an incompressible smoothed particle hydrodynamics method. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2015, 25, 2000-2021.	1.6	32
29	Finite element simulation for MHD ferro-convective flow in an inclined double-lid driven L-shaped enclosure with heated corners. <i>AEJ - Alexandria Engineering Journal</i> , 2020, 59, 217-226.	3.4	32
30	Simulation of free falling rigid body into water by a stabilized incompressible SPH method. <i>Ocean Systems Engineering</i> , 2011, 1, 207-222.	0.5	32
31	Mixing between solid and fluid particles during natural convection flow of a nanofluid-filled H-shaped cavity with three center gates using ISPH method. <i>International Journal of Heat and Mass Transfer</i> , 2020, 157, 119803.	2.5	30
32	Analysis of mixed convection in a sloshing porous cavity filled with a nanofluid using ISPH method. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 1977-1991.	2.0	29
33	Mixed Convection in an Inclined Nanofluid Filled-Cavity Saturated With a Partially Layered Porous Medium. <i>Journal of Thermal Science and Engineering Applications</i> , 2019, 11, .	0.8	28
34	Natural convection flow of a nanofluid-filled V-shaped cavity saturated with a heterogeneous porous medium: Incompressible smoothed particle hydrodynamics analysis. <i>Ain Shams Engineering Journal</i> , 2021, 12, 2033-2046.	3.5	28
35	ISPH method for double-diffusive natural convection under cross-diffusion effects in an anisotropic porous cavity/annulus. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2016, 26, 235-268.	1.6	27
36	Modelling of Non-Darcy Flows through Porous Media Using Extended Incompressible Smoothed Particle Hydrodynamics. <i>Numerical Heat Transfer, Part B: Fundamentals</i> , 2015, 67, 255-279.	0.6	25

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37	Natural convection in a nanofluid-filled cavity with solid particles in an inner cross shape using ISPH method. <i>International Journal of Heat and Mass Transfer</i> , 2019, 141, 390-406.	2.5	24
38	ON MIXED CONVECTION IN AN INCLINED LID-DRIVEN CAVITY WITH SINUSOIDAL HEATED WALLS USING THE ISPH METHOD. <i>Computational Thermal Sciences</i> , 2016, 8, 337-354.	0.5	23
39	Natural convection of a water-based suspension containing nano-encapsulated phase change material in a porous grooved cavity. <i>Journal of Energy Storage</i> , 2022, 51, 104589.	3.9	23
40	Water entry of decelerating spheres simulations using improved ISPH method. <i>Journal of Hydrodynamics</i> , 2018, 30, 1120-1133.	1.3	22
41	Natural convection of a nanofluid-filled circular enclosure partially saturated with a porous medium using ISPH method. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2020, 30, 4909-4932.	1.6	22
42	ISPH simulations for a variable magneto-convective flow of a ferrofluid in a closed space includes open circular pipes. <i>International Communications in Heat and Mass Transfer</i> , 2020, 110, 104412.	2.9	21
43	Triple convective flow of micropolar nanofluids in double lid-driven enclosures partially filled with LTNE porous layer under effects of an inclined magnetic field. <i>Chinese Journal of Physics</i> , 2020, 68, 387-405.	2.0	21
44	Double rotations between an inner wavy shape and a hexagonal-shaped cavity suspended by NEPCM using a time-fractional derivative of the ISPH method. <i>International Communications in Heat and Mass Transfer</i> , 2021, 127, 105533.	2.9	21
45	Incompressible smoothed particle hydrodynamics for MHD double-diffusive natural convection of a nanofluid in a cavity containing an oscillating pipe. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2020, 30, 882-917.	1.6	20
46	Double-diffusive convection between two different phases in a porous infinite-shaped enclosure suspended by nano encapsulated phase change materials. <i>Case Studies in Thermal Engineering</i> , 2021, 26, 101016.	2.8	20
47	The magnetic power on natural convection of NEPCM suspended in a porous annulus between a hexagonal-shaped cavity and dual curves. <i>Case Studies in Thermal Engineering</i> , 2021, 28, 101354.	2.8	19
48	Effects of Soret and Dufour numbers on MHD thermosolutal convection of a nanofluid in a finned cavity including rotating circular cylinder and cross shapes. <i>International Communications in Heat and Mass Transfer</i> , 2022, 130, 105819.	2.9	19
49	Thermal behavior and energy storage of a suspension of nano-encapsulated phase change materials in an enclosure. <i>Advanced Powder Technology</i> , 2021, 32, 2004-2019.	2.0	18
50	Thermal diffusion upon magnetic field convection of nano-enhanced phase change materials in a permeable wavy cavity with crescent-shaped partitions. <i>Case Studies in Thermal Engineering</i> , 2022, 31, 101855.	2.8	18
51	Numerical simulations of impact flows with incompressible smoothed particle hydrodynamics. <i>Journal of Mechanical Science and Technology</i> , 2014, 28, 2179-2188.	0.7	17
52	Double-diffusive convection from a rotating rectangle in a finned cavity filled by a nanofluid and affected by a magnetic field. <i>International Communications in Heat and Mass Transfer</i> , 2021, 126, 105363.	2.9	17
53	Unsteady MHD free convective heat and mass transfer from a vertical porous plate with Hall current, thermal radiation and chemical reaction effects. <i>International Journal for Numerical Methods in Fluids</i> , 2011, 65, 432-447.	0.9	16
54	MHD Boundary Layer Flow of a Power-Law Nanofluid Containing Gyrotactic Microorganisms Over an Exponentially Stretching Surface. <i>Computers, Materials and Continua</i> , 2020, 62, 525-549.	1.5	16

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55	Coupled fluid-structure interactions of natural convection in a ferrofluid using ISPH method. AEJ - Alexandria Engineering Journal, 2019, 58, 1499-1516.	3.4	15
56	Incompressible smoothed particle hydrodynamics method for natural convection of a ferrofluid in a partially layered porous cavity containing a sinusoidal wave rod under the effect of a variable magnetic field. AIP Advances, 2019, 9, 105210.	0.6	14
57	Effects of uniform circular motion on natural convection in a cavity filled with a nanofluid using incompressible SPH method. International Communications in Heat and Mass Transfer, 2020, 116, 104646.	2.9	14
58	Numerical Analysis of Liquid Sloshing Using the Incompressible Smoothed Particle Hydrodynamics Method. Advances in Mechanical Engineering, 2015, 7, 765741.	0.8	13
59	Numerical simulation of natural convection using unsteady compressible Navier-stokes equations. International Journal of Numerical Methods for Heat and Fluid Flow, 2017, 27, 2508-2527.	1.6	13
60	Mixed Convection in a Cavity Saturated with Wavy Layer Porous Medium: Entropy Generation. Journal of Thermophysics and Heat Transfer, 2018, 32, 764-780.	0.9	13
61	Unsteady natural convection heat transfer in a nanofluid-filled square cavity with various heat source conditions. Advances in Mechanical Engineering, 2016, 8, 168781401664654.	0.8	12
62	Heat transfer enhancement in the complex geometries filled with porous media. Thermal Science, 2021, 25, 39-57.	0.5	12
63	Double diffusion in a nanofluid cavity with a wavy hot source subjected to a magnetic field using ISPH method. AEJ - Alexandria Engineering Journal, 2021, 60, 1647-1664.	3.4	12
64	Motion of circular cylinders during natural convection flow in X-shaped cavity filled with a nanofluid using ISPH method. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 1449-1474.	1.6	12
65	MHD mixed convection of hybrid nanofluid in a wavy porous cavity employing local thermal non-equilibrium condition. Scientific Reports, 2021, 11, 17151.	1.6	12
66	EFFECTS OF SORET AND DUFOUR NUMBERS ON FREE CONVECTION OVER ISOTHERMAL AND ADIABATIC STRETCHING SURFACES EMBEDDED IN POROUS MEDIA. Journal of Porous Media, 2011, 14, 67-72.	1.0	12
67	DOUBLE-DIFFUSIVE NATURAL CONVECTION IN A SQUARE POROUS CAVITY WITH SINUSOIDAL DISTRIBUTIONS SIDE WALLS FILLED WITH A NANOFUID. Journal of Porous Media, 2018, 21, 101-122.	1.0	12
68	CHEMICAL REACTION AND MAGNETOHYDRODYNAMIC EFFECTS ON FREE CONVECTION FLOW PAST AN INCLINED SURFACE IN A POROUS MEDIUM. Journal of Porous Media, 2010, 13, 87-96.	1.0	11
69	Entropy Generation for Flow and Heat Transfer of Sisko-Fluid Over an Exponentially Stretching Surface. Computers, Materials and Continua, 2020, 62, 37-59.	1.5	11
70	ISPH method for MHD double-diffusive natural convection of a nanofluid within cavity containing open pipes. International Journal of Numerical Methods for Heat and Fluid Flow, 2019, 30, 3607-3634.	1.6	10
71	Natural convection from heated fin shapes in a nanofluid-filled porous cavity using incompressible smoothed particle hydrodynamics. International Journal of Numerical Methods for Heat and Fluid Flow, 2019, 29, 4569-4597.	1.6	10
72	Heat transfer enhancement from an inclined plate through a heat generating and variable porosity porous medium using nanofluids due to solar radiation. SN Applied Sciences, 2019, 1, 1.	1.5	9

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73	DOUBLE-DIFFUSIVE NATURAL CONVECTION IN A NON-DARCY POROUS CAVITY FILLED WITH NANOFUID UNDER THE EFFECTS OF CHEMICAL REACTION. <i>Journal of Porous Media</i> , 2017, 20, 111-126.	1.0	9
74	Effect of dual-rotation on MHD natural convection of NEPCM in a hexagonal-shaped cavity based on time-fractional ISPH method. <i>Scientific Reports</i> , 2021, 11, 22687.	1.6	9
75	Unsteady double-diffusive natural convective MHD flow along a vertical cylinder in the presence of chemical reaction, thermal radiation and Soret and Dufour effects. <i>Journal of Naval Architecture and Marine Engineering</i> , 2011, 8, 25-36.	0.9	8
76	ISPH simulations of natural convection from rotating circular cylinders inside a horizontal wavy cavity filled with a nanofluid and saturated by a heterogeneous porous medium. <i>European Physical Journal: Special Topics</i> , 2021, 230, 1173-1183.	1.2	8
77	A rotating superellipse inside a hexagonalshaped cavity suspended by nano-encapsulated phase change materials based on the ISPH method. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2022, 32, 956-977.	1.6	8
78	Double-diffusive convection of solid particles in a porous X-shaped cavity filled with a nanofluid. <i>Physica Scripta</i> , 2021, 96, 015301.	1.2	8
79	NATURAL CONVECTION IN AN ENCLOSURE SATURATEDWITH MULTILAYER POROUS MEDIUM AND NANOFUID OVER CIRCULAR CYLINDERS: ENTROPY GENERATION. <i>Journal of Porous Media</i> , 2018, 21, 1007-1024.	1.0	8
80	Effects of thermal radiation on natural convection in two connected circular cylinders suspended by NEPCM and porous media. <i>Numerical Heat Transfer; Part A: Applications</i> , 2022, 82, 469-481.	1.2	8
81	Mixed convection in a nanofluid-filled sloshing porous cavity including inner heated rose. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 143, 275-291.	2.0	7
82	Double-diffusive convection of a nanofluid in a porous cavity containing rotating hexagon and circular cylinders: ISPH simulations. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2022, 32, 432-452.	1.6	7
83	ISPH simulations of thermosolutal convection in an annulus amongst an inner prismatic shape and outer cavity including three circular cylinders. <i>Case Studies in Thermal Engineering</i> , 2022, 30, 101736.	2.8	7
84	Natural convection of Al <sub>2</sub> O <sub>3</sub> –water nanofluid filled annulus between a wavy rectangle and a square cavity using Buongiorno's two-phase model. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2020, 100, e202000002.	0.9	6
85	Impacts of variable magnetic field on a ferrofluid flow inside a cavity including a helix using ISPH method. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021, 31, 2150-2171.	1.6	6
86	Natural Convection in an H-shaped Porous Enclosure Filled with a Nanofluid. <i>Computers, Materials and Continua</i> , 2021, 66, 3233-3251.	1.5	6
87	Three-dimensional flow of a power-law nanofluid within a cubic domain filled with a heat-generating and 3D-heterogeneous porous medium. <i>European Physical Journal: Special Topics</i> , 2021, 230, 1185-1199.	1.2	6
88	Thermosolutal convection of nano-encapsulated phase change materials within a porous circular cylinder containing crescent with periodic side-wall temperature and concentration: ISPH simulation. <i>Physica Scripta</i> , 2021, 96, 125243.	1.2	6
89	Rotating cylinder and magnetic field on solid particles diffusion inside a porous cavity filled with a nanofluid. <i>Nanomaterials and Nanotechnology</i> , 2021, 11, 184798042110342.	1.2	5
90	Local thermal non-equilibrium condition on mixed convection of a nanofluid-filled undulating cavity containing obstacle and saturated by porous media. <i>Ain Shams Engineering Journal</i> , 2022, 13, 101562.	3.5	5



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91	MHD double diffusion of a nanofluid within a porous annulus using a time fractional derivative of the ISPH method. International Journal of Modern Physics C, 2022, 33, .	0.8	5
92	Incompressible Smoothed Particle Hydrodynamics Simulations of Fluid-Structure Interaction on Free Surface Flows. International Journal of Fluid Mechanics Research, 2014, 41, 471-484.	0.4	5
93	The conformable fractal systems of natural convection in an annulus suspended by NEPCM. International Communications in Heat and Mass Transfer, 2022, 134, 106023.	2.9	5
94	Double-Diffusive Natural Convection with Cross-Diffusion Effects in an Anisotropic Porous Enclosure Using ISPH Method. , 0, , .		4
95	Interactive fluid flow simulation in computer graphics using incompressible smoothed particle hydrodynamics. Computer Animation and Virtual Worlds, 2020, 31, e1916.	0.7	4
96	Incompressible smoothed particle hydrodynamics simulations of natural convection flow resulting from embedded Y-fin inside Y-shaped enclosure filled with a nanofluid. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 154-173.	1.6	4
97	Thermosolutal convection of a nanofluid in a S-shaped cavity saturated by a porous medium. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 3413-3435.	1.6	4
98	ISPH analysis of thermosolutal convection from an embedded I-Shaped inside an inclined infinite-shaped enclosure suspended by NEPCM. Case Studies in Thermal Engineering, 2021, 26, 101071.	2.8	4
99	Energy and Entropy Production of Nanofluid within an Annulus Partly Saturated by a Porous Region. Entropy, 2021, 23, 1237.	1.1	4
100	Double rotations of cylinders on thermosolutal convection of a wavy porous medium inside a cavity mobilized by a nanofluid and impacted by a magnetic field. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, 32, 2383-2405.	1.6	4
101	Double-diffusive convection from an oscillating baffle embedded in an astroid-shaped cavity suspended by nano encapsulated phase change materials: ISPH simulations. Waves in Random and Complex Media, 0, , 1-20.	1.6	4
102	Natural Convection from Heated Shape in Nanofluid-Filled Cavity Using Incompressible Smoothed Particle Hydrodynamics. Journal of Thermophysics and Heat Transfer, 2019, 33, 917-931.	0.9	3
103	Impacts of the Variable Properties of a Porous Medium on the Entropy Analysis Within Odd-Shaped Enclosures Filled by Hybrid Nanofluids. Arabian Journal for Science and Engineering, 2021, 46, 7379-7398.	1.7	3
104	Double-diffusive convection in a porous complex-shaped cavity suspended by nano-encapsulated phase change materials. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2021, 101, e202000376.	0.9	3
105	ISPH simulations of convective flow within a porous circular cylinder over a rectangular cavity containing nano-encapsulated phase change materials (NEPCMs). Physica Scripta, 2021, 96, 105211.	1.2	3
106	Double-Diffusive Natural Convective Flow of a Nanofluid Over a Vertical Cylinder. Journal of Nanofluids, 2016, 5, 110-119.	1.4	3
107	FLUID-STRUCTURE INTERACTIONS SIMULATION AND VISUALIZATION USING ISPH APPROACH. Journal of Flow Visualization and Image Processing, 2019, 26, 223-238.	0.3	3
108	Double-Diffusive of a Nanofluid in a Rectangle-Shape Mounted on a Cavity Saturated by Heterogeneous Porous Media. Journal of Mathematics, 2021, 2021, 1-14.	0.5	2

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109	Effects of a magnetic field on double-diffusive convection of a nanofluid in a cavity saturated by wavy layers of porous media: ISPH analysis. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, ahead-of-print, .	1.6	2
110	Magnetic impact on heat and mass transfer utilizing nonofluid in an annulus between a superellipse obstacle and a cavity with periodic side-wall temperature and concentration. Communications in Theoretical Physics, 2021, 73, 115001.	1.1	2
111	Magneto hydrodynamic convective flow of nanofluid in double lid-driven cavities under slip conditions. Thermal Science, 2021, 25, 1703-1717.	0.5	2
112	Simulations of a Sloshing Circular Cylinder Inside an Enclosure Filled with Nanofluids. Journal of Thermophysics and Heat Transfer, 2021, 35, 296-311.	0.9	1
113	Nanofluid Flows within Porous Enclosures Using Non-Linear Boussinesq Approximation. Computers, Materials and Continua, 2021, 66, 3195-3213.	1.5	1
114	Numerical simulations of solid particles dispersion during double-diffusive convection of a nanofluid in a cavity with a wavy source. Archive of Applied Mechanics, 2021, 91, 2089-2108.	1.2	1
115	Effect of Hall current on the flow and heat transfer of non-Newtonian power-law nanofluid in the presence of Cattaneo-Christov heat flux and free stream. International Journal of Modern Physics C, 0, , 2150148.	0.8	1
116	Free Convection Flow Past an Isothermal, Adiabatic and Plane Plume Inclined Stretching Surfaces in a Porous Medium. International Journal of Fluid Mechanics Research, 2009, 36, 300-318.	0.4	1
117	NON-DARCIAN AND ANISOTROPIC EFFECTS ON THE CONJUGATE HEAT TRANSFER IN A POROUS ENCLOSURE WITH FINITE THICKNESS WALLS. Journal of Porous Media, 2014, 17, 337-345.	1.0	1
118	Radiative and heat generation effects on MHD mixed convection of non-Newtonian nanofluids in lid-driven inclined odd-shaped porous cavity containing obstacle using local thermal non-equilibrium condition. Waves in Random and Complex Media, 0, , 1-28.	1.6	1
119	Time-Conformable fractal systems of natural convection of tall fin inside two circular cylinders suspended by NEPCM. AEJ - Alexandria Engineering Journal, 2022, 61, 12311-12328.	3.4	1
120	Natural convection of a heated paddle wheel within a cross-shaped cavity filled with a nanofluid: ISPH simulations. Archive of Applied Mechanics, 2021, 91, 4441-4458.	1.2	0
121	Effects of buoyancy ratio on diffusion of solid particles inside a pipe during double diffusive flow of a nanofluid. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 1951-1986.	1.6	0
122	The magnetic field on thermosolutal convection in an annulus between two super ellipses. Waves in Random and Complex Media, 0, , 1-20.	1.6	0