

Saeed Dinarvand

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3173810/publications.pdf>

Version: 2024-02-01

65
papers

2,345
citations

196777

29
h-index

252626

46
g-index

66
all docs

66
docs citations

66
times ranked

1043
citing authors

#	ARTICLE	IF	CITATIONS
1	MHD flow of MgO-Ag/water hybrid nanofluid past a moving slim needle considering dual solutions: an applicable model for hot-wire anemometer analysis. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2022, 32, 488-510.	1.6	42
2	Innovative strategy of passive sub-ambient radiative cooler through incorporation of a thermal rectifier to double-layer nanoparticle-based coating. <i>Energy</i> , 2022, 247, 123411.	4.5	6
3	MHD radiative ohmic heating nanofluid flow of a stretching penetrable wedge: A numerical analysis. <i>Heat Transfer</i> , 2022, 51, 4522-4543.	1.7	10
4	Zinc oxide-silver/water hybrid nanofluid flow toward an off-centered rotating disk using temperature-dependent experimental-based thermal conductivity. <i>Heat Transfer</i> , 2022, 51, 4169-4186.	1.7	7
5	Aqua Cobalt Ferrite/Mn-Zn Ferrite Hybrid Nanofluid Flow Over a Nonlinearly Stretching Permeable Sheet in a Porous Medium. <i>Journal of Nanofluids</i> , 2022, 11, 383-391.	1.4	14
6	Off-centered stagnation point flow of an experimental-based hybrid nanofluid impinging to a spinning disk with low to high non-alignments. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2022, 32, 2799-2818.	1.6	32
7	Analysis of Cylindrical Damper Effects on Turbine Meters Accuracy in a Pulsating CNG Suction Line: An Optimal Design through CFD Simulations. <i>International Journal of Chemical Engineering</i> , 2022, 2022, 1-13.	1.4	0
8	Mass-based hybrid nanofluid model for entropy generation analysis of flow upon a convectively-warmed moving wedge. <i>Chinese Journal of Physics</i> , 2022, 77, 2603-2616.	2.0	45
9	Manninen's mixture model for conjugate conduction and mixed convection heat transfer of a nanofluid in a rotational/stationary circular enclosure. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021, 31, 1662-1694.	1.6	15
10	Dual solutions for Casson hybrid nanofluid flow due to a stretching/shrinking sheet: A new combination of theoretical and experimental models. <i>Chinese Journal of Physics</i> , 2021, 71, 574-588.	2.0	74
11	Dual similarity solutions because of mixed convective flow of a double-nanoparticles hybrid nanofluid: critical points and stability analysis. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021, 31, 3319-3342.	1.6	4
12	Effect of Using Hybrid Nanofluid in Thermal Management of Photovoltaic Panel in Hot Climates. <i>International Journal of Photoenergy</i> , 2021, 2021, 1-8.	1.4	8
13	Dual solutions for MHD flow of a water-based TiO ₂ -Cu hybrid nanofluid over a continuously moving thin needle in presence of thermal radiation. <i>Reports in Mechanical Engineering</i> , 2021, 2, 31-40.	4.9	13
14	Flow of aqueous Fe ₂ O ₃ -CuO hybrid nanofluid over a permeable stretching/shrinking wedge: A development on Falkner-Skan problem. <i>Chinese Journal of Physics</i> , 2021, 74, 406-420.	2.0	55
15	TiO ₂ -Ag/blood hybrid nanofluid flow through an artery with applications of drug delivery and blood circulation in the respiratory system. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2020, 30, 4775-4796.	1.6	67
16	Rotating Al ₂ O ₃ -H ₂ O nanofluid flow and heat transfer with internal heating, velocity slip and different shapes of nanoparticles. <i>Multidiscipline Modeling in Materials and Structures</i> , 2020, 17, 401-417.	0.6	3
17	Three-dimensional squeezed flow of aqueous magnetite-graphene oxide hybrid nanofluid: A novel hybridity model with analysis of shape factor effects. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2020, 234, 193-205.	1.4	37
18	Generalized second-order slip for unsteady convective flow of a nanofluid: a utilization of Buongiorno's two-component nonhomogeneous equilibrium model. <i>Nonlinear Engineering</i> , 2020, 9, 156-168.	1.4	5

#	ARTICLE	IF	CITATIONS
19	Improvement of drug delivery micro-circulatory system with a novel pattern of CuO-Cu/blood hybrid nanofluid flow towards a porous stretching sheet. International Journal of Numerical Methods for Heat and Fluid Flow, 2019, 29, 4408-4429.	1.6	62
20	A novel hybridity model for TiO ₂ -CuO/water hybrid nanofluid flow over a static/moving wedge or corner. Scientific Reports, 2019, 9, 16290.	1.6	89
21	An innovative mass-based model of aqueous zinc oxide-gold hybrid nanofluid for von Kármán's swirling flow. Journal of Thermal Analysis and Calorimetry, 2019, 138, 845-855.	2.0	56
22	Nodal/saddle stagnation-point boundary layer flow of CuO-Ag/water hybrid nanofluid: a novel hybridity model. Microsystem Technologies, 2019, 25, 2609-2623.	1.2	82
23	Effects of dissolved solute on unsteady double-diffusive mixed convective flow of a Buongiorno's two-component nonhomogeneous nanofluid. International Journal of Numerical Methods for Heat and Fluid Flow, 2019, 29, 448-466.	1.6	19
24	Unsteady General Three-Dimensional Stagnation Point Flow of a Maxwell/Buongiorno Non-Newtonian Nanofluid. Journal of Nanofluids, 2019, 8, 1544-1559.	1.4	35
25	Tiwari-Das nanofluid model for magnetohydrodynamics (MHD) natural-convective flow of a nanofluid adjacent to a spinning down-pointing vertical cone. Propulsion and Power Research, 2018, 7, 78-90.	2.0	52
26	Comment on "3D squeezed flow of Al ₂ O ₃ -H ₂ O and Al ₂ O ₃ -C ₂ H ₆ O ₂ nanofluids: A numerical study, Int. J. Hydrogen Energy 42 (2017) 24620-24633". International Journal of Hydrogen Energy, 2018, 43, 21627-21628.	3.8	0
27	Stagnation-point flow of an aqueous titania-copper hybrid nanofluid toward a wavy cylinder. International Journal of Numerical Methods for Heat and Fluid Flow, 2018, 28, 1716-1735.	1.6	132
28	Dual solutions for mixed convective stagnation-point flow of an aqueous silica-alumina hybrid nanofluid. Chinese Journal of Physics, 2018, 56, 2465-2478.	2.0	195
29	Free-convective flow of copper/water nanofluid about a rotating down-pointing cone using Tiwari-Das nanofluid scheme. Advanced Powder Technology, 2017, 28, 900-909.	2.0	61
30	Axisymmetric mixed convective stagnation-point flow of a nanofluid over a vertical permeable cylinder by Tiwari-Das nanofluid model. Powder Technology, 2017, 311, 147-156.	2.1	58
31	Steady laminar mixed convection stagnation-point flow of a nanofluid over a vertical permeable surface in the presence of a magnetic field. Journal of Applied Mechanics and Technical Physics, 2016, 57, 1031-1041.	0.1	6
32	Homotopy analysis method for unsteady mixed convective stagnation-point flow of a nanofluid using Tiwari-Das nanofluid model. International Journal of Numerical Methods for Heat and Fluid Flow, 2016, 26, 40-62.	1.6	50
33	Unsteady convective heat and mass transfer of a nanofluid in Howarth's stagnation point by Buongiorno's model. International Journal of Numerical Methods for Heat and Fluid Flow, 2015, 25, 1176-1197.	1.6	37
34	Effect of thermal stratification on free convection in a square porous cavity filled with a nanofluid using Tiwari and Das' nanofluid model. Physica E: Low-Dimensional Systems and Nanostructures, 2015, 69, 332-341.	1.3	73
35	Buongiorno's model for double-diffusive mixed convective stagnation-point flow of a nanofluid considering diffusiophoresis effect of binary base fluid. Advanced Powder Technology, 2015, 26, 1423-1434.	2.0	51
36	Unsteady three-dimensional stagnation-point flow and heat transfer of a nanofluid with thermophoresis and Brownian motion effects. Journal of Applied Mechanics and Technical Physics, 2015, 56, 601-611.	0.1	11

#	ARTICLE	IF	CITATIONS
37	Homotopy analysis method for mixed convective boundary layer flow of a nanofluid over a vertical circular cylinder. <i>Thermal Science</i> , 2015, 19, 549-561.	0.5	48
38	Stagnation-point Flow and Heat Transfer of a Nanofluid Adjacent to Linearly Stretching/Shrinking Sheet: A Numerical Study. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2014, 7, 83-90.	0.1	3
39	Brownian Motion Effects on Natural Convection of Alumina-Water Nanofluid in a Enclosure. <i>Heat Transfer - Asian Research</i> , 2014, 43, 720-733.	2.8	5
40	Unsteady mixed convection flow of a nanofluid near orthogonal stagnation point on a vertical permeable surface. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2014, 228, 226-237.	1.4	30
41	Micropolar fluid flow and heat transfer about a spinning cone with Hall current and Ohmic heating. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2014, 228, 1900-1912.	1.1	3
42	Magnetohydrodynamic stagnation point flow toward stretching/shrinking permeable plate in porous medium filled with a nanofluid. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2014, 228, 309-319.	1.4	16
43	MHD mixed convection stagnation-point flow of a nanofluid over a vertical permeable surface: a comprehensive report of dual solutions. <i>Heat and Mass Transfer</i> , 2014, 50, 639-650.	1.2	33
44	MHD Mixed Convection Stagnation-Point Flow Over a Stretching Vertical Plate in Porous Medium Filled with a Nanofluid in the Presence of Thermal Radiation. <i>Arabian Journal for Science and Engineering</i> , 2014, 39, 2251-2261.	1.1	31
45	Unsteady MHD flow and heat transfer near stagnation point over a stretching/shrinking sheet in porous medium filled with a nanofluid. <i>Chinese Physics B</i> , 2014, 23, 048203.	0.7	50
46	MHD FLOW AND HEAT TRANSFER OVER A NONLINEARLY STRETCHING SHEET IN POROUS MEDIUM FILLED WITH A NANOFLUID. <i>Special Topics and Reviews in Porous Media</i> , 2014, 5, 13-25.	0.6	6
47	Optimal homotopy asymptotic method for convective-radiative cooling of a lumped system, and convective straight fin with temperature-dependent thermal conductivity. <i>Afrika Matematika</i> , 2013, 24, 103-116.	0.4	3
48	Series solutions for steady three-dimensional stagnation point flow of a nanofluid past a circular cylinder with sinusoidal radius variation. <i>Meccanica</i> , 2013, 48, 643-652.	1.2	42
49	Radiation Effects on MHD Stagnation-Point Flow in a Nanofluid. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2013, 5, 5201-5208.	0.1	8
50	The Efficiency of Convective-radiative Fin with Temperature-dependent Thermal Conductivity by the Differential Transformation Method. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2013, 6, 1354-1359.	0.1	7
51	Mixed Convection Boundary-layer Flow of a Nanofluid Near Stagnation-point on a Vertical Plate with Effects of Buoyancy Assisting and Opposing Flows. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2013, 6, 1785-1793.	0.1	5
52	MHD Flow of an Incompressible Viscous Fluid through Convergent or Divergent Channels in Presence of a High Magnetic Field. <i>Journal of Applied Mathematics</i> , 2012, 2012, 1-12.	0.4	12
53	Two-Dimensional and Axisymmetric Unsteady Flows due to Normally Expanding or Contracting Parallel Plates. <i>Journal of Applied Mathematics</i> , 2012, 2012, 1-13.	0.4	0
54	Series Solution for Steady Three-Dimensional Flow due to Spraying on Inclined Spinning Disk by Homotopy Perturbation Method. <i>Journal of Applied Mathematics</i> , 2012, 2012, 1-15.	0.4	2

#	ARTICLE	IF	CITATIONS
55	Viscous flow through slowly expanding or contracting porous walls with low seepage Reynolds number: a model for transport of biological fluids through vessels. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2011, 14, 853-862.	0.9	10
56	The laminar free convection boundary layer flow about a heated and rotating downward pointing vertical cone in the presence of a transverse magnetic field. <i>International Journal for Numerical Methods in Fluids</i> , 2011, 67, 2141-2156.	0.9	13
57	On explicit, purely analytic solutions of off-centered stagnation flow towards a rotating disc by means of HAM. <i>Nonlinear Analysis: Real World Applications</i> , 2010, 11, 3389-3398.	0.9	29
58	Analytic approximate solution of three-dimensional Navier-Stokes equations of flow between two stretchable disks. <i>Numerical Methods for Partial Differential Equations</i> , 2010, 26, 1594-1607.	2.0	3
59	A reliable treatment of a homotopy analysis method for two-dimensional viscous flow in a rectangular domain bounded by two moving porous walls. <i>Nonlinear Analysis: Real World Applications</i> , 2010, 11, 1502-1512.	0.9	69
60	Series solutions for unsteady laminar MHD flow near forward stagnation point of an impulsively rotating and translating sphere in presence of buoyancy forces. <i>Nonlinear Analysis: Real World Applications</i> , 2010, 11, 1159-1169.	0.9	56
61	Purely analytic approximate solutions for steady three-dimensional problem of condensation film on inclined rotating disk by homotopy analysis method. <i>Nonlinear Analysis: Real World Applications</i> , 2009, 10, 2346-2356.	0.9	75
62	Approximate solutions for the Burger and regularized long wave equations by means of the homotopy analysis method. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2009, 14, 708-717.	1.7	136
63	A reliable treatment of the homotopy analysis method for viscous flow over a non-linearly stretching sheet in presence of a chemical reaction and under influence of a magnetic field. <i>Open Physics</i> , 2009, 7, .	0.8	15
64	Analytical approximate solutions for two-dimensional viscous flow through expanding or contracting gaps with permeable walls. <i>Open Physics</i> , 2009, 7, .	0.8	14
65	Analytic Approximate Solutions for Unsteady Two-Dimensional and Axisymmetric Squeezing Flows between Parallel Plates. <i>Mathematical Problems in Engineering</i> , 2008, 2008, 1-13.	0.6	101