

Anwar Saeed

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

649

citations

14

h-index

18

g-index

71

ext. papers

1,134

ext. citations

3.2

avg, IF

5.26

L-index

#	Paper	IF	Citations
63	Homotopic simulation for heat transport phenomenon of the Burgers nanofluids flow over a stretching cylinder with thermal convective and zero mass flux conditions. <i>Nanotechnology Reviews</i> , 2022 , 11, 1437-1449	6.3	2
62	Parametric simulation of micropolar fluid with thermal radiation across a porous stretching surface.. <i>Scientific Reports</i> , 2022 , 12, 2542	4.9	6
61	Mixed convective flow of Casson and Oldroyd-B fluids through a stratified stretching sheet with nonlinear thermal radiation and chemical reaction. <i>Journal of Taibah University for Science</i> , 2022 , 16, 193-203	3.203	2
60	Numerical simulation of bioconvective Darcy Forchhemier nanofluid flow with energy transition over a permeable vertical plate.. <i>Scientific Reports</i> , 2022 , 12, 3228	4.9	3
59	Mixed convective flow of a magnetohydrodynamic Casson fluid through a permeable stretching sheet with first-order chemical reaction.. <i>PLoS ONE</i> , 2022 , 17, e0265238	3.7	1
58	Magneto-hydrothermal analysis of copper and copper oxide nanoparticles between two parallel plates with Brownian motion and thermophoresis effects. <i>International Communications in Heat and Mass Transfer</i> , 2022 , 133, 105982	5.8	3
57	Extinction and persistence of a stochastic delayed Covid-19 epidemic model.. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2022 , 1-14	2.1	
56	Electro-Magnetohydrodynamic Fractional-Order Fluid Flow with New Similarity Transformations. <i>Journal of Nanomaterials</i> , 2022 , 2022, 1-9	3.2	0
55	Heat transfer analysis of the mixed convective flow of magnetohydrodynamic hybrid nanofluid past a stretching sheet with velocity and thermal slip conditions.. <i>PLoS ONE</i> , 2021 , 16, e0260854	3.7	5
54	Electromagnetohydrodynamic bioconvective flow of binary fluid containing nanoparticles and gyrotactic microorganisms through a stratified stretching sheet. <i>Scientific Reports</i> , 2021 , 11, 23159	4.9	4
53	Extinction and stationary distribution of a stochastic COVID-19 epidemic model with time-delay.. <i>Computers in Biology and Medicine</i> , 2021 , 141, 105115	7	15
52	Darcy-Forchheimer couple stress hybrid nanofluids flow with variable fluid properties. <i>Scientific Reports</i> , 2021 , 11, 19612	4.9	10
51	The Flow of Blood-Based Hybrid Nanofluids with Couple Stresses by the Convergent and Divergent Channel for the Applications of Drug Delivery. <i>Molecules</i> , 2021 , 26,	4.8	10
50	Fractional order stagnation point flow of the hybrid nanofluid towards a stretching sheet. <i>Scientific Reports</i> , 2021 , 11, 20429	4.9	16
49	Thin-film flow of Carreau fluid over a stretching surface including the couple stress and uniform magnetic field. <i>Partial Differential Equations in Applied Mathematics</i> , 2021 , 4, 100162	0.8	2
48	Fractional dynamics and stability analysis of COVID-19 pandemic model under the harmonic mean type incidence rate. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2021 , 1-22	2.1	9
47	MHD Darcy-Forchheimer flow due to gyrotactic microorganisms of Casson nanoparticles over a stretched surface with convective boundary conditions. <i>Physica Scripta</i> , 2021 , 96, 015206	2.6	7

46	Analytical study of MHD mixed convection flow for Maxwell nanofluid with variable thermal conductivity and Soret and Dufour effects. <i>AIP Advances</i> , 2021 , 11, 035215	1.5	5
45	The impact of magnetohydrodynamic on bioconvection nanofluid flow with viscous dissipation and joule heating effects. <i>Engineering Research Express</i> , 2021 , 3, 015030	0.9	10
44	The magnetohydrodynamic flow of a nanofluid over a curved exponentially stretching surface. <i>Heat Transfer</i> , 2021 , 50, 5356-5379	3.1	5
43	Insight into the dynamics of second grade hybrid radiative nanofluid flow within the boundary layer subject to Lorentz force. <i>Scientific Reports</i> , 2021 , 11, 4894	4.9	10
42	Bio-convictional Nanofluid Flow Due to the Thermophoresis and Gyrotactic Microorganism Between the Gap of a Disk and Cone. <i>Brazilian Journal of Physics</i> , 2021 , 51, 687-697	1.2	10
41	Chemically reactive nanofluid flow past a thin moving needle with viscous dissipation, magnetic effects and hall current. <i>PLoS ONE</i> , 2021 , 16, e0249264	3.7	14
40	Bio-convective and chemically reactive hybrid nanofluid flow upon a thin stirring needle with viscous dissipation. <i>Scientific Reports</i> , 2021 , 11, 8066	4.9	13
39	Unsteady thermal Maxwell power law nanofluid flow subject to forced thermal Marangoni Convection. <i>Scientific Reports</i> , 2021 , 11, 7521	4.9	9
38	Mixed convection stagnation point flow of the blood based hybrid nanofluid around a rotating sphere. <i>Scientific Reports</i> , 2021 , 11, 7460	4.9	15
37	Darcy-Forchheimer hybrid nanofluid flow over a stretching curved surface with heat and mass transfer. <i>PLoS ONE</i> , 2021 , 16, e0249434	3.7	19
36	Blood based hybrid nanofluid flow together with electromagnetic field and couple stresses. <i>Scientific Reports</i> , 2021 , 11, 12865	4.9	10
35	Bio-convective micropolar nanofluid flow over thin moving needle subject to Arrhenius activation energy, viscous dissipation and binary chemical reaction. <i>Case Studies in Thermal Engineering</i> , 2021 , 25, 100989	5.6	20
34	Irreversibility analysis of the couple stress hybrid nanofluid flow under the effect of electromagnetic field. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , ahead-of-print,	4.5	10
33	MHD hybrid nanofluid flow comprising the medication through a blood artery. <i>Scientific Reports</i> , 2021 , 11, 11621	4.9	30
32	MHD bioconvection Darcy-Forchheimer flow of Casson nanofluid over a rotating disk with entropy optimization. <i>Heat Transfer</i> , 2021 , 50, 2168-2196	3.1	7
31	Unsteady bioconvection Darcy-Forchheimer nanofluid flow through a horizontal channel with impact of magnetic field and thermal radiation. <i>Heat Transfer</i> , 2021 , 50, 3240-3264	3.1	5
30	Bioconvection casson nanofluid flow together with Darcy-Forchheimer due to a rotating disk with thermal radiation and arrhenius activation energy. <i>SN Applied Sciences</i> , 2021 , 3, 1	1.8	13
29	Entropy Generation for MHD Maxwell Nanofluid Flow Past a Porous and Stretching Surface with Dufour and Soret Effects. <i>Brazilian Journal of Physics</i> , 2021 , 51, 469-480	1.2	12

28	Radiative swirl motion of hydromagnetic Casson nanofluid flow over rotary cylinder using Joule dissipation impact. <i>Physica Scripta</i> , 2021 , 96, 045206	2.6	14
27	Analysis of boundary layer MHD Darcy-Forchheimer radiative nanofluid flow with sores and dufour effects by means of marangoni convection. <i>Case Studies in Thermal Engineering</i> , 2021 , 23, 100792	5.6	14
26	MHD Darcy-Forchheimer flow of Casson nanofluid due to a rotating disk with thermal radiation and Arrhenius activation energy. <i>Journal of Physics Communications</i> , 2021 , 5, 025008	1.2	7
25	Numerical modeling on hybrid nanofluid (Fe ₃ O ₄ +MWCNT/H ₂ O) migration considering MHD effect over a porous cylinder. <i>PLoS ONE</i> , 2021 , 16, e0251744	3.7	15
24	Magneto hydrodynamic and dissipated nanofluid flow over an unsteady turning disk. <i>Advances in Mechanical Engineering</i> , 2021 , 13, 168781402110343	1.2	10
23	Numerical Approximation of Microorganisms Hybrid Nanofluid Flow Induced by a Wavy Fluctuating Spinning Disc. <i>Coatings</i> , 2021 , 11, 1032	2.9	17
22	Fractional optimal control of COVID-19 pandemic model with generalized Mittag-Leffler function. <i>Advances in Difference Equations</i> , 2021 , 2021, 387	3.6	14
21	Hybrid nanofluid flow through a spinning Darcy-Forchheimer porous space with thermal radiation. <i>Scientific Reports</i> , 2021 , 11, 16708	4.9	11
20	Analytical Simulation for Magnetohydrodynamic Maxwell Fluid Flow Past an Exponentially Stretching Surface with First-Order Velocity Slip Condition. <i>Coatings</i> , 2021 , 11, 1009	2.9	2
19	Non-linear convective flow of the thin film nanofluid over an inclined stretching surface. <i>Scientific Reports</i> , 2021 , 11, 18410	4.9	11
18	Magnetohydrodynamic Impact on Carreau Thin Film Couple Stress Nanofluid Flow over an Unsteady Stretching Sheet. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-10	1.1	7
17	Gravity-driven hydromagnetic flow of couple stress hybrid nanofluid with homogenous-heterogeneous reactions. <i>Scientific Reports</i> , 2021 , 11, 17498	4.9	3
16	MHD thin film flow of the Oldroyd-B fluid together with bioconvection and activation energy. <i>Case Studies in Thermal Engineering</i> , 2021 , 27, 101218	5.6	12
15	Comparative numerical analysis of Maxwell's time-dependent thermo-diffusive flow through a stretching cylinder. <i>Case Studies in Thermal Engineering</i> , 2021 , 27, 101301	5.6	16
14	Boundary layer stagnation point flow of the Casson hybrid nanofluid over an unsteady stretching surface. <i>AIP Advances</i> , 2021 , 11, 015016	1.5	10
13	Darcy-Forchheimer MHD Hybrid Nanofluid Flow and Heat Transfer Analysis over a Porous Stretching Cylinder. <i>Coatings</i> , 2020 , 10, 391	2.9	25
12	CNTs-Nanofluid flow in a Rotating system between the gap of a disk and cone. <i>Physica Scripta</i> , 2020 , 95, 125202	2.6	20
11	Viscous dissipated hybrid nanoliquid flow with Darcy-Forchheimer and forced convection over a moving thin needle. <i>AIP Advances</i> , 2020 , 10, 105308	1.5	10

10	Entropy optimization in MHD nanofluid flow over a curved exponentially stretching surface with binary chemical reaction and Arrhenius activation energy. <i>Journal of Physics Communications</i> , 2020 , 4, 075021	1.2	5
9	An optimal analysis for magnetohydrodynamics Darcy-Forchheimer boundary layer radiative flow past a porous medium. <i>Computational and Mathematical Methods</i> , 2020 , e1136	0.9	
8	Three-Dimensional Casson Nanofluid Thin Film Flow over an Inclined Rotating Disk with the Impact of Heat Generation/Consumption and Thermal Radiation. <i>Coatings</i> , 2019 , 9, 248	2.9	36
7	Influence of Cattaneo-Christov Heat Flux on MHD Jeffrey, Maxwell, and Oldroyd-B Nanofluids with Homogeneous-Heterogeneous Reaction. <i>Symmetry</i> , 2019 , 11, 439	2.7	25
6	Entropy Generation in MHD Flow of Carbon Nanotubes in a Rotating Channel with Four Different Types of Molecular Liquids. <i>International Journal of Heat and Technology</i> , 2019 , 37, 509-519	2.2	7
5	The parametric computation of nonlinear convection magnetohydrodynamic nanofluid flow with internal heating across a fixed and spinning disk. <i>Waves in Random and Complex Media</i> , 1-16	1.9	6
4	Three-dimensional magnetohydrodynamic flow of Casson fluid past an exponentially stretching/shrinking sheet with homogeneous-heterogeneous reactions. <i>Waves in Random and Complex Media</i> , 1-22	1.9	0
3	The study of nanofluid flow with motile microorganism and thermal slip condition across a vertical permeable surface. <i>Waves in Random and Complex Media</i> , 1-18	1.9	4
2	Significance of Darcy-Forchheimer and Lorentz forces on radiative alumina-water nanofluid flows over a slippery curved geometry under multiple convective constraints: a renovated Buongiorno model with validated thermophysical correlations. <i>Waves in Random and Complex Media</i> , 1-30	1.9	8
1	Nonlinear mixed convection couple stress tri-hybrid nanofluids flow in a Darcy-Forchheimer porous medium over a nonlinear stretching surface. <i>Waves in Random and Complex Media</i> , 1-18	1.9	4