Sufian Munawar

List of Publications by Year
in descending order

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45	738	567281 15	610901 24
papers	citations	h-index	g-index

47	47	47	339
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Entropy generation minimization E.G.M. analysis of free convective hybrid nanofluid flow in a corrugated triangular annulus with a central triangular heater. Chinese Journal of Physics, 2022, 75, 38-54.	3.9	13
2	Mixed convective cilia triggered stream of magneto ternary nanofluid through elastic electroosmotic pump: A comparative entropic analysis. Journal of Molecular Liquids, 2022, 352, 118662.	4.9	31
3	New Degree-Based Topological Indices of Toroidal Polyhex Graph by Means of M-Polynomial. Journal of Mathematics, 2022, 2022, 1-5.	1.0	0
4	Thermal Case Study of Cilia Actuated Transport of Radiated Blood-Based Ternary Nanofluid under the Action of Tilted Magnetic Field. Coatings, 2022, 12, 873.	2.6	12
5	Cilia beating modulated radiating ternary nanofluids flow in a corrugated asymmetric channel with electromagnetohydrodynamic and momentum slip. Heat Transfer, 2022, 51, 7462-7486.	3.0	8
6	Impact of partial slip and lateral walls on peristaltic transport of a couple stress fluid in a rectangular duct. Science Progress, 2021, 104, 003685042110136.	1.9	8
7	Mixed Convection of Hybrid Nanofluid in an Inclined Enclosure with a Circular Center Heater under Inclined Magnetic Field. Coatings, 2021, 11, 506.	2.6	31
8	Significance of Slippage and Electric Field in Mucociliary Transport of Biomagnetic Fluid. Lubricants, 2021, 9, 48.	2.9	18
9	Thermal analysis of double diffusive electrokinetic thermally radiated TiO₂-Ag/blood stream triggered by synthetic cilia under buoyancy forces and activation energy. Physica Scripta, 2021, 96, 095218.	2.5	35
10	Entropy generation in thermally radiated hybrid nanofluid through an electroosmotic pump with ohmic heating: Case of synthetic cilia regulated stream. Science Progress, 2021, 104, 003685042110259.	1.9	17
11	Lubricating hot stretching membrane with a thin hybrid nanofluid squeezed film under oscillatory compression. European Physical Journal Plus, 2021, 136, 1.	2.6	13
12	Entropy Production in Electroosmotic Cilia Facilitated Stream of Thermally Radiated Nanofluid with Ohmic Heating. Micromachines, 2021, 12, 1004.	2.9	15
13	Impact of surface texture on entropy generation in nanofluid. Thermal Science, 2021, 25, 1171-1180.	1.1	2
14	Significance of Synthetic Cilia and Arrhenius Energy on Double Diffusive Stream of Radiated Hybrid Nanofluid in Microfluidic Pump under Ohmic Heating: An Entropic Analysis. Coatings, 2021, 11, 1292.	2.6	20
15	Entropy analysis in ciliary transport of radiated hybrid nanofluid in presence of electromagnetohydrodynamics and activation energy. Case Studies in Thermal Engineering, 2021, 28, 101665.	5.7	35
16	Entropy analysis in cilia driven pumping flow of hyperbolic tangent fluid with magnetic field effects. Fluid Dynamics Research, 2020, 52, 025503.	1.3	26
17	Entropy Analysis of an MHD Synthetic Cilia Assisted Transport in a Microchannel Enclosure with Velocity and Thermal Slippage Effects. Coatings, 2020, 10, 414.	2.6	22
18	Second Law Analysis of Ciliary Pumping Transport in an Inclined Channel Coated with Carreau Fluid under a Magnetic Field. Coatings, 2020, 10, 240.	2.6	22

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19	Thermal analysis of an Eyring-Powell fluid flow-through a constricted channel. Thermal Science, 2020, 24, 1207-1216.	1.1	13
20	Entropy analysis in moving wavy surface boundary-layer. Thermal Science, 2019, 23, 233-241.	1.1	10
21	Entropy generation minimisation in a moving porous pipe under magnetic field effect. International Journal of Exergy, 2018, 26, 418.	0.4	4
22	Entropy generation minimisation in a moving porous pipe under magnetic field effect. International Journal of Exergy, 2018, 26, 418.	0.4	3
23	Slip effect on the magnetohydrodynamics channel flow in the presence of the across mass transfer phenomenon. Journal of Applied Mechanics and Technical Physics, 2017, 58, 54-62.	0.5	6
24	Swirling Flow in a Permeable Tube at Slowly Expanding and Contracting Wall. Mathematical Problems in Engineering, 2017, 2017, 1-8.	1.1	1
25	EFFECT OF THE SHEAR STRESS JUMP CONDITION AT A POROUS/CLEAR INTERFACE REGION ON THE MHD FLOW OVER A PERMEABLE CYLINDER. Journal of Porous Media, 2017, 20, 665-670.	1.9	0
26	Entropy production in the flow over a swirling stretchable cylinder. Thermophysics and Aeromechanics, 2016, 23, 435-444.	0.5	10
27	A mathematical analysis of MHD blood flow of Eyringâ€“Powell fluid through a constricted artery. International Journal of Biomathematics, 2016, 09, 1650027.	2.9	11
28	Unsteady Boundary-Layer Flow over Jerked Plate Moving in a Free Stream of Viscoelastic Fluid. Scientific World Journal, The, 2014, 2014, 1-7.	2.1	0
29	Swirling Flow Over an Oscillatory Stretchable Disk. Journal of Mechanics, 2014, 30, 339-347.	1.4	10
30	Cooling of a Hot Stretching Surface in the Presence of Across Mass Transfer Phenomenon in a Channel Flow. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2014, 69, 34-42.	1.5	4
31	Slip effects on entropy generation in MHD flow over a stretching surface in the presence of thermal radiation. International Journal of Exergy, 2013, 13, 1.	0.4	13
32	Time-dependent stagnation-point flow over rotating disk impinging oncoming flow. Applied Mathematics and Mechanics (English Edition), 2013, 34, 85-96.	3.6	10
33	TIME-DEPENDENT FLOW IN A COMPOSITE CHANNEL WITH HEAT TRANSFER. Journal of Porous Media, 2013, 16, 749-756.	1.9	0
34	Entropy Analysis of Mixed Convective Magnetohydrodynamic Flow of a Viscoelastic Fluid over a Stretching Sheet. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2012, 67, 451-459.	1.5	11
35	Unsteady Flow and Heat Transfer in a Composite Porous Annulus with Time-Dependent Injection. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2012, 67, 657-664.	1.5	3
36	Entropy generation in the Blasius flow under thermal radiation. Physica Scripta, 2012, 85, 035008.	2.5	42

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37	Three-dimensional squeezing flow in a rotating channel of lower stretching porous wall. Computers and Mathematics With Applications, 2012, 64, 1575-1586.	2.7	64
38	Thermal analysis of the flow over an oscillatory stretching cylinder. Physica Scripta, 2012, 86, 065401.	2.5	30
39	Entropy generation in hydrodynamic slip flow over a vertical plate with convective boundary. Journal of Mechanical Science and Technology, 2012, 26, 2977-2984.	1.5	42
40	Unsteady flow of viscous fluid over the vacillate stretching cylinder. International Journal for Numerical Methods in Fluids, 2012, 70, 671-681.	1.6	22
41	Comment on â€œAnalysing flow and heat transfer of a viscoelastic fluid over a semi-infinite horizontal moving flat plate, IJNLM, 43 (2008) 772â€. International Journal of Non-Linear Mechanics, 2011, 46, 1280-1282.	2.6	3
42	Unsteady local non-similar boundary-layer flow over a long slim cylinder. International Journal of Physical Sciences, 2011, 6, .	0.4	0
43	Steady flow and heat transfer of a Sisko fluid in annular pipe. International Journal of Heat and Mass Transfer, 2010, 53, 1290-1297.	4.8	64
44	Comments to: â€œHomotopy analysis method for solving the MHD flow over a non-linear stretching sheet (Commun. Nonlinear Sci. Numer. Simul. 14 (2009) 2653â€“2663)â€. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 4233-4240.	3.3	13
45	EFFECTS OF SLIP ON FLOW BETWEEN TWO STRETCHABLE DISKS USING OPTIMAL HOMOTOPY ANALYSIS METHOD. Canadian Journal of Applied Sciences, 0, 1, 50-67.	1.0	19