Swarnalata Jena

List of Publications by Year
in descending order

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		1307594	1125743
14	207	7	13
papers	citations	h-index	g-index

14	14	14	115
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemical reaction effect on MHD viscoelastic fluid flow over a vertical stretching sheet with heat source/sink. Ain Shams Engineering Journal, 2018, 9, 1205-1213.	6.1	42
2	Development in the Heat Transfer Properties of Nanofluid Due to the Interaction of Inclined Magnetic Field and Non-Uniform Heat Source. Journal of Nanofluids, 2020, 9, 143-151.	2.7	32
3	Chemical Reaction Effect on MHD Jeffery Fluid Flow over a Stretching Sheet Through Porous Media with Heat Generation/Absorption. International Journal of Applied and Computational Mathematics, 2017, 3, 1225-1238.	1.6	29
4	The NANOFLUID FLOW BETWEEN PARALLEL PLATES AND HEAT TRANSFER IN PRESENCE OF CHEMICAL REACTION AND POROUS MATRIX. Latin American Applied Research, 2020, 50, 283-289.	0.4	26
5	IMPACT OF CHEMICAL REACTION ON MICROPOLAR FLUID PAST A STRETCHING SHEET. JP Journal of Heat and Mass Transfer, 2019, 18, 207-223.	0.2	20
6	Cuâ€water and Cuâ€kerosene micropolar nanofluid flow over a permeable stretching sheet. Heat Transfer - Asian Research, 2019, 48, 2478-2496.	2.8	15
7	Numerical Solution of Boundary Layer MHD Flow with Viscous Dissipation. Scientific World Journal, The, 2014, 2014, 1-5.	2.1	11
8	BUOYANCY-DRIVEN CHEMICALIZED EMHD NANOFLUID FLOW THROUGH A STRETCHING PLATE WITH DARCYâ€“BRINKMANâ€“FORCHHEIMER POROUS MEDIUM. Heat Transfer Research, 2019, 50, 1105-1126.	1.6	8
9	Adomian decomposition method for the MHD flow of a viscous fluid with the influence of dissipative heat energy. Heat Transfer, 2020, 49, 4612-4625.	3.0	7
10	Dissipative heat for the Casson fluid flow past an expanding cylindrical surface. Heat Transfer, 2022, 51, 2476-2487.	3.0	7
11	Impact of Newtonian heating on the conducting Casson fluid flow past a stretching cylinder. Journal of Interdisciplinary Mathematics, 2022, 25, 2401-2416.	0.7	5
12	Analytical estimation of energy dissipations: Viscous, Joulian, and Darcy of viscoelastic fluid flow phenomena over a deformable surface. Heat Transfer, 2021, 50, 7798-7816.	3.0	3
13	Impact of radiative and dissipative heat on the Williamson nanofluid flow within a parallel channel due to thermal buoyancy. Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems, 2022, 236, 3-18.	0.6	2
14	Cu-kerosene and Al₂O₃-kerosene boundary layer nanofluid flow past a stretching/shrinking surface. Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems, 0, , 239779142211039.	0.6	0