

Ruwaidiah Idris

List of Publications by Year in descending order

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papers

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citations

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169
citing authors

#	ARTICLE	IF	CITATIONS
1	MHD natural convection of Sodium Alginate Casson nanofluid over a solid sphere. Results in Physics, 2020, 16, 102818.	2.0	85
2	Heat transfer analysis of ethylene glycol-based Casson nanofluid around a horizontal circular cylinder with MHD effect. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2020, 234, 2569-2580.	1.1	38
3	A Numerical Approach for the Heat Transfer Flow of Carboxymethyl Cellulose-Water Based Casson Nanofluid from a Solid Sphere Generated by Mixed Convection under the Influence of Lorentz Force. Mathematics, 2020, 8, 1094.	1.1	37
4	Heat Transfer Improvement in MHD Natural Convection Flow of Graphite Oxide/Carbon Nanotubes-Methanol Based Casson Nanofluids Past a Horizontal Circular Cylinder. Processes, 2020, 8, 1444.	1.3	31
5	On effect of non-uniform basic temperature gradient on BÃ©nardâ€™Marangoni convection in micropolar fluid. International Communications in Heat and Mass Transfer, 2009, 36, 255-258.	2.9	23
6	Effects of a magnetic field on chaos for low Prandtl number convection in porous media. Nonlinear Dynamics, 2010, 62, 905-917.	2.7	19
7	Mixed Convection Flow of Magnetized Casson Nanofluid over a Cylindrical Surface. Coatings, 2022, 12, 296.	1.2	19
8	Natural convection flow of Sodium Alginate based Casson nanofluid about a solid sphere in the presence of a magnetic field with constant surface heat flux. Journal of Physics: Conference Series, 2019, 1366, 012005.	0.3	18
9	Heat Transmission Reinforcers Induced by MHD Hybrid Nanoparticles for Water/Water-EG Flowing over a Cylinder. Coatings, 2021, 11, 623.	1.2	14
10	Effects of controller and cubic temperature profile on onset of BÃ©nardâ€™Marangoni convection in ferrofluid. International Communications in Heat and Mass Transfer, 2010, 37, 624-628.	2.9	8
11	ADAPTIVE TIME-STEPPING FOR RUNGE-KUTTA METHODS FOR ORDINARY DIFFERENTIAL EQUATIONS. Journal of Research Management and Governance, 2021, 3, 25-36.	0.1	0