

Firas A Alwawi

List of Publications by Year in descending order

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142
citing authors

#	ARTICLE	IF	CITATIONS
1	MHD natural convection of Sodium Alginate Casson nanofluid over a solid sphere. Results in Physics, 2020, 16, 102818.	4.1	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.	2.1	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.	2.2	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.	2.8	31
5	Mixed Convection Flow of Magnetized Casson Nanofluid over a Cylindrical Surface. Coatings, 2022, 12, 296.	2.6	19
6	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.	0.4	18
7	Heat Transmission Reinforcers Induced by MHD Hybrid Nanoparticles for Water/Water-EG Flowing over a Cylinder. Coatings, 2021, 11, 623.	2.6	14
8	Energy transport boosters of magneto micropolar fluid flowing past a cylinder: A case of laminar combined convection. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 10902-10913.	2.1	10