

# Muhammad Arif

## List of Publications by Year in descending order

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15  
papers

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citations

840119

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1058022

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g-index

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all docs

15  
docs citations

15  
times ranked

233  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heat transfer analysis of radiator using different shaped nanoparticles water-based ternary hybrid nanofluid with applications: A fractional model. <i>Case Studies in Thermal Engineering</i> , 2022, 31, 101837.	2.8	84
2	Scientific investigation of a fractional model based on hybrid nanofluids with heat generation and porous medium: applications in the drilling process. <i>Scientific Reports</i> , 2022, 12, 6524.	1.6	11
3	A comparative analysis of multiple fractional solutions of generalized Couette flow of couple stress fluid in a channel. <i>Heat Transfer</i> , 2022, 51, 7348-7368.	1.7	1
4	A fractional model of Casson fluid with ramped wall temperature: Engineering applications of engine oil. <i>Computational and Mathematical Methods</i> , 2021, 3, e1162.	0.3	24
5	Maxwell Nanofluid Flow over an Infinite Vertical Plate with Ramped and Isothermal Wall Temperature and Concentration. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-19.	0.6	14
6	Thermal performance of GO-MoS <sub>2</sub> / engine oil as Maxwell hybrid nanofluid flow with heat transfer in oscillating vertical cylinder. <i>Case Studies in Thermal Engineering</i> , 2021, 27, 101290.	2.8	56
7	Couette flow of viscoelastic dusty fluid in a rotating frame along with the heat transfer. <i>Scientific Reports</i> , 2021, 11, 506.	1.6	21
8	Analysis of newly developed fractal-fractional derivative with power law kernel for MHD couple stress fluid in channel embedded in a porous medium. <i>Scientific Reports</i> , 2021, 11, 20858.	1.6	16
9	A Time Fractional Model of Generalized Couette Flow of Couple Stress Nanofluid With Heat and Mass Transfer: Applications in Engine Oil. <i>IEEE Access</i> , 2020, 8, 146944-146966.	2.6	58
10	A report on COVID-19 epidemic in Pakistan using SEIR fractional model. <i>Scientific Reports</i> , 2020, 10, 22268.	1.6	62
11	A Time Fractional Model With Non-Singular Kernel the Generalized Couette Flow of Couple Stress Nanofluid. <i>IEEE Access</i> , 2020, 8, 77378-77395.	2.6	19
12	Fractional Model of Couple Stress Fluid for Generalized Couette Flow: A Comparative Analysis of Atangana-Baleanu and Caputo-Fabrizio Fractional Derivatives. <i>IEEE Access</i> , 2019, 7, 88643-88655.	2.6	28
13	Enhanced heat transfer in working fluids using nanoparticles with ramped wall temperature: Applications in engine oil. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401988098.	0.8	24
14	Natural convection in polyethylene glycol based molybdenum disulfide nanofluid with thermal radiation, chemical reaction and ramped wall temperature. <i>International Journal of Heat and Technology</i> , 2018, 36, 619-631.	0.3	21
15	Physical intuition of entropy generation in a mixed convective hybrid nanofluid flow with chemical reaction, cross-diffusion, and transpiration. <i>Heat Transfer</i> , 0, , .	1.7	0