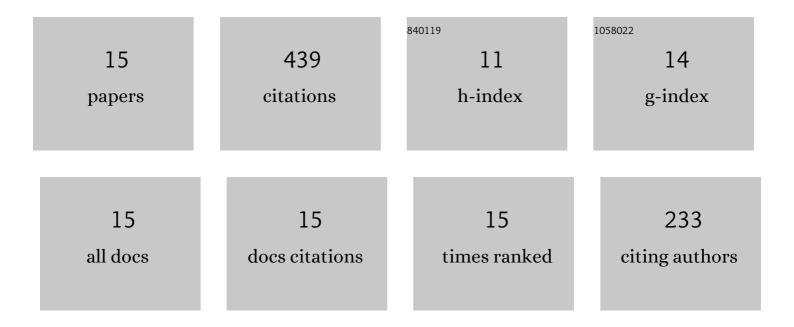
## Muhammad Arif

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3574411/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Heat transfer analysis of radiator using different shaped nanoparticles water-based ternary hybrid nanofluid with applications: A fractional model. Case Studies in Thermal Engineering, 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. Scientific Reports, 2022, 12, 6524.	1.6	11
3	A comparative analysis of multiple fractional solutions of generalized Couette flow of couple stress fluid in aÂchannel. Heat Transfer, 2022, 51, 7348-7368.	1.7	1
4	A fractional model of Casson fluid with ramped wall temperature: Engineering applications of engine oil. Computational and Mathematical Methods, 2021, 3, e1162.	0.3	24
5	Maxwell Nanofluid Flow over an Infinite Vertical Plate with Ramped and Isothermal Wall Temperature and Concentration. Mathematical Problems in Engineering, 2021, 2021, 1-19.	0.6	14
6	Thermal performance of GO-MoS2/ engine oil as Maxwell hybrid nanofluid flow with heat transfer in oscillating vertical cylinder. Case Studies in Thermal Engineering, 2021, 27, 101290.	2.8	56
7	Couette flow of viscoelastic dusty fluid in a rotating frame along with the heat transfer. Scientific Reports, 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. Scientific Reports, 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. IEEE Access, 2020, 8, 146944-146966.	2.6	58
10	A report on COVID-19 epidemic in Pakistan using SEIR fractional model. Scientific Reports, 2020, 10, 22268.	1.6	62
11	A Time Fractional Model With Non-Singular Kernel the Generalized Couette Flow of Couple Stress Nanofluid. IEEE Access, 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. IEEE Access, 2019, 7, 88643-88655.	2.6	28
13	Enhanced heat transfer in working fluids using nanoparticles with ramped wall temperature: Applications in engine oil. Advances in Mechanical Engineering, 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. International Journal of Heat and Technology, 2018, 36, 619-631.	0.3	21
15	Physical intuition of entropy generation in a mixed convective hybrid nanofluid flow with chemical reaction, crossâ€diffusion, and transpiration. Heat Transfer, 0, , .	1.7	0