

# Faisal Shah

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

264  
citations

933447

10  
h-index

996975

15  
g-index

16  
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16  
docs citations

16  
times ranked

170  
citing authors

#	ARTICLE	IF	CITATIONS
1	Entropy analysis for comparative study of effective Prandtl number and without effective Prandtl number via $\text{Al}_2\text{O}_3\text{-H}_2\text{O}$ and $\text{Al}_2\text{O}_3\text{-C}_2\text{H}_6\text{O}_2$ nanoparticles. <i>Journal of Molecular Liquids</i> , 2018, 266, 814-823.	4.9	49
2	Heat and mass transfer analysis for bioconvective flow of Eyring Powell nanofluid over a Riga surface with nonlinear thermal features. <i>Numerical Methods for Partial Differential Equations</i> , 2022, 38, 777-793.	3.6	36
3	Numerical Simulation for Magneto Nanofluid Flow Through a Porous Space with Melting Heat Transfer. <i>Microgravity Science and Technology</i> , 2018, 30, 265-275.	1.4	21
4	Modeling MHD Stagnation Point Flow of Thixotropic Fluid with Non-uniform Heat Absorption/Generation. <i>Microgravity Science and Technology</i> , 2017, 29, 459-465.	1.4	20
5	Theoretical and mathematical analysis of entropy generation in fluid flow subject to aluminum and ethylene glycol nanoparticles. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 182, 105057.	4.7	19
6	Dynamics of dust particles in a conducting water-based kerosene nanomaterials: a computational approach. <i>International Journal of Chemical Reactor Engineering</i> , 2021, 19, 787-797.	1.1	19
7	New modeling and analytical solution of fourth grade (non-Newtonian) fluid by a stretchable magnetized Riga device. <i>International Journal of Modern Physics C</i> , 2022, 33, .	1.7	18
8	Mathematical Modeling and MHD Flow of Micropolar Fluid Toward an Exponential Curved Surface: Heat Analysis via Ohmic Heating and Heat Source/Sink. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 867-878.	3.0	17
9	Development of homogeneous/heterogeneous reaction in flow based through non-Darcy Forchheimer medium. <i>Journal of Theoretical and Computational Chemistry</i> , 2017, 16, 1750045.	1.8	15
10	Slip flow of Jeffrey nanofluid with activation energy and entropy generation applications. <i>Advances in Mechanical Engineering</i> , 2021, 13, 168781402110065.	1.6	14
11	Numerical simulation for aspects of homogeneous and heterogeneous reactions in forced convection flow of nanofluid. <i>Results in Physics</i> , 2018, 8, 206-212.	4.1	10
12	Heat transfer analysis on MHD flow over a stretchable Riga wall considering Entropy generation rate: A numerical study. <i>Numerical Methods for Partial Differential Equations</i> , 2024, 40, .	3.6	10
13	Modeling and computational analysis of 3D radiative stagnation point flow of Darcy-Forchheimer subject to suction/injection. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 184, 105104.	4.7	7
14	Darcy Forchheimer flow of Jeffrey nanofluid with heat generation/absorption and melting heat transfer. <i>Thermal Science</i> , 2019, 23, 3833-3842.	1.1	4
15	Analysis of fourth-grade fluid model over a stretchable surface with Riga plate subject to permeable medium. <i>Journal of Computational Design and Engineering</i> , 2022, 9, 1064-1075.	3.1	3
16	Simultaneous impact of nonlinear thermal radiation and heat source/sink in stagnation point flow of viscous nanomaterial. <i>Indian Journal of Physics</i> , 2020, 94, 657-664.	1.8	2