Zaffar Mehmood

List of Publications by Year
in descending order

21	324	933447 10	888059 17
papers	citations	h-index	g-index

21	21	21	290
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A novel development of hybrid<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si24.gif" overflow="scroll"><mml:mrow><mml:mo stretchy="true">(</mml:mo><mml:msub><mml:mtext>MoS</mml:mtext><mml:mn>2</mml:mn></mml:msub><mml:mo>â^•</mml:mo> of the Taiwan Institute of Chemical Engineers, 2017, 81, 150-158.	5.1	46
2	Numerical Investigation of Micropolar Casson Fluid over a Stretching Sheet with Internal Heating. Communications in Theoretical Physics, 2017, 67, 443.	2.5	39
3	Numerical investigation of nanofluidic transport of gyrotactic microorganisms submerged in water towards Riga plate. Journal of Molecular Liquids, 2017, 234, 296-308.	4.9	34
4	Impact of inclined magnetic field on micropolar Casson fluid using Keller box algorithm. European Physical Journal Plus, 2017, 132, 1.	2.6	30
5	A comprehensive shape factor analysis using transportation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si335.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="italic">MoS</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:mo>-</mml:m mathvariant="italic">SiO</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:mo>/</mml:m Results in Physics, 2018, 8, 633-641.	4.1	29
6	Framing the performance of induced magnetic field and entropy generation on Cu and TiO2 nanoparticles by using Keller box scheme. Advanced Powder Technology, 2017, 28, 2332-2345.	4.1	24
7	Interaction of induced magnetic field and stagnation point flow on bioconvection nanofluid submerged in gyrotactic microorganisms. Journal of Molecular Liquids, 2016, 224, 1083-1091.	4.9	19
8	Computational analysis of engine-oil based magnetite nanofludic problem inspired with entropy generation. Journal of Molecular Liquids, 2017, 230, 295-304.	4.9	19
9	Oblique transport of gyrotactic microorganisms and bioconvection nanoparticles with convective mass flux. Physica E: Low-Dimensional Systems and Nanostructures, 2017, 88, 265-271.	2.7	17
10	Nanofluidic Transport over a Curved Surface with Viscous Dissipation and Convective Mass Flux. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2017, 72, 223-229.	1.5	16
11	Finite Difference Approach for Critical Value Analysis to Describe Jefferyâ€“Hamel Flow Toward an Inclined Channel with Microrotations. Arabian Journal for Science and Engineering, 2022, 47, 15261-15268.	3.0	8
12			

#	Article	IF	Citations
19	Unsteady transport of MHD mixed convection inspired by thermal radiation and partial slip performance: Finite difference approach. Thermal Science, 2019, 23, 1875-1887.	1.1	3
20	Impact of oblique magnetic viscous dissipative transport on chemically reactive micro-rotations submerged in porous medium. Canadian Journal of Physics, 2018, 96, 1349-1358.	1.1	1
21	Effectiveness of Magnetic Dipole and Framing the Performance of $$hbox {Fe}_{3}hbox {O}_{4}$$ Fe 3 O 4 in Rotating Transpor. Arabian Journal for Science and Engineering, 2019, 44, 993-1000.	3.0	1