Mona A A Mohamed

List of Publications by Year
in descending order

13	297	1040056 9	1199594 12
papers	citations	h-index	g-index

13	13	13	182
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of Couple Stresses on the MHD of a Non-Newtonian Unsteady Flow between Two Parallel Porous Plates. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2003, 58, 204-210.	1.5	68
2	MHD peristaltic flow of non-Newtonian power-law nanofluid through a non-Darcy porous medium inside a non-uniform inclined channel. Archive of Applied Mechanics, 2021, 91, 1067-1077.	2.2	47
3	Homotopy Perturbation Method for Creeping Flow of Non-Newtonian Power-Law Nanofluid in a Nonuniform Inclined Channel with Peristalsis. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2017, 72, 899-907.	1.5	36
4	MHD PERISTALTIC FLOW OF MICROPOLAR CASSON NANOFLUID THROUGH A POROUS MEDIUM BETWEEN TWO CO-AXIAL TUBES. Journal of Porous Media, 2019, 22, 1079-1093.	1.9	27
5	Heat and mass transfer in hydromagnetic flow of the non-Newtonian fluid with heat source over an accelerating surface through a porous medium. Chaos, Solitons and Fractals, 2002, 13, 907-917.	5.1	22
6	A Casson nanofluid flow within the conical gap between rotating surfaces of a cone and a horizontal disc. Scientific Reports, 2022, 12, .	3.3	19
7	MHD boundary layer chemical reacting flow with heat transfer of Eyringâ€“Powell nanofluid past a stretching sheet. Microsystem Technologies, 2018, 24, 4945-4953.	2.0	15
8	Electro-osmotic flow and heat transfer of a non-Newtonian nanofluid under the influence of peristalsis. Pramana - Journal of Physics, 2019, 92, 1.	1.8	15
9	A couple stress of peristaltic motion of Sutterby micropolar nanofluid inside a symmetric channel with a strong magnetic field and Hall currents effect. Archive of Applied Mechanics, 2021, 91, 3987-4010.	2.2	15
10	EHD azimuthal instability of two rigid-rotating columns with Marangoni effect in porous media. Indian Journal of Physics, 2022, 96, 2855-2871.	1.8	12
11	Temporal instability of a confined nano-liquid film with the Marangoni convection effect: viscous potential theory. Microsystem Technologies, 2020, 26, 2123-2136.	2.0	11
12	Electrohydrodynamic Instability of a Cylindrical Interface: Effect of the Buoyancy Thermo-Capillary in Porous Media. Microgravity Science and Technology, 2021, 33, 1.	1.4	10
13	Influence of Wall Properties on the Peristaltic Flow of an Electromagnetic Nanofluid. Journal of Engineering Mechanics - ASCE, 2018, 144, 04018068.	2.9	0