

Peter Bukar Malgwi

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

80
citations

1684188

5
h-index

1588992

8
g-index

15
all docs

15
docs citations

15
times ranked

61
citing authors

#	ARTICLE	IF	CITATIONS
1	Hall effects on MHD natural convection flow in a vertical microchannel. AEJ - Alexandria Engineering Journal, 2018, 57, 983-993.	6.4	25
2	MHD Convection Fluid and Heat Transfer in an Inclined Micro-Porous-Channel. Nonlinear Engineering, 2019, 8, 755-763.	2.7	9
3	Combined effects of Hall and ion-slip current on MHD free convection flow in a vertical micro-channel. SN Applied Sciences, 2019, 1, 1.	2.9	8
4	Hall current and ion-slip effects on free convection flow in a vertical microchannel with an induced magnetic field. Heat Transfer - Asian Research, 2019, 48, 3812-3830.	2.8	6
5	Effects of Hall Current and Magnetic Field Inclination on Hydromagnetic Natural Convection Flow in a Micro-Channel With Asymmetric Thermal Boundary Condition. Journal of Thermal Science and Engineering Applications, 2020, 12, .	1.5	6
6	Couette flow and heat transfer of heat-generating/absorbing fluid in a rotating channel in presence of viscous dissipation. Arab Journal of Basic and Applied Sciences, 2020, 27, 67-74.	2.1	6
7	Interplay of conducting and non-conducting walls on hydromagnetic natural convection flow in a vertical micro-channel with Hall current. Propulsion and Power Research, 2021, 10, 155-168.	4.3	6
8	Hall and ion-slip effects on MHD mixed convection flow in a vertical microchannel with asymmetric wall heating. Engineering Reports, 2020, 2, e12241.	1.7	4
9	Adomian decomposition method for combined effect of Hall and ion-slip on mixed convection flow of chemically reacting Newtonian fluid in a microchannel with heat absorption/generation. International Journal of Modern Physics C, 2020, 31, 2050150.	1.7	3
10	Fully developed magnetohydrodynamics natural convection flow in a vertical micro-porous-channel with Hall effects. Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems, 2019, 233, 73-85.	0.6	2
11	Computational analysis on unsteady hydromagnetic Couette flow of fluid-particle suspension in an accelerated porous channel. Partial Differential Equations in Applied Mathematics, 2022, 5, 100370.	2.4	2
12	Computational Analysis and Heat Transfer of MHD Transient Free Convection Flow in a Vertical Microchannel in Presence of Hall and Ion Slip Effects. International Journal of Applied and Computational Mathematics, 2022, 8, .	1.6	2
13	The Caputo-Fabrizio (CF) and Atangana-Baleanu in Caputo sense (ABC) fractional time-derivative approach on transient free convection flow between two vertical parallel plates: A semi-analytical solution. Heat Transfer, 2022, 51, 841-865.	3.0	1
14	Hydromagnetic squeezed and extruded flow of conducting fluid with convective boundary conditions. International Journal of Modern Physics C, 2020, 31, 2050075.	1.7	0
15	Unsteady hydromagnetic Couette flow of fluid-particle suspension in a porous channel. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2023, 237, 240-247.	2.5	0