N Ameer Ahamad

List of Publications by Year
in descending order

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32 papers	788 citations	687363 13 h-index	642732 23 g-index
32 all docs	32 docs citations	32 times ranked	266 citing authors

#	Article	IF	Citations
1	Hall and ion slip effects on unsteady MHD free convective rotating flow through a saturated porous medium over an exponential accelerated plate. AEJ - Alexandria Engineering Journal, 2020, 59, 565-577.	6.4	260
2	Hall and ion slip impacts on unsteady MHD convective rotating flow of heat generating/absorbing second grade fluid. AEJ - Alexandria Engineering Journal, 2021, 60, 845-858.	6.4	173
3	Thermal radiation, chemical reaction, Hall and ion slip effects on MHD oscillatory rotating flow of micro-polar liquid. AEJ - Alexandria Engineering Journal, 2021, 60, 3467-3484.	6.4	51
4	Double diffusion in arbitrary porous cavity: Part I. AIP Conference Proceedings, 2017, , .	0.4	36
5	Heat transfer prediction in a square porous medium using artificial neural network. AIP Conference Proceedings, 2018, , .	0.4	36
6	Fem Formulation of Coupled Partial Differential Equations for Heat Transfer. IOP Conference Series: Materials Science and Engineering, 2017, 225, 012023.	0.6	35
7	Application of artificial neural network for heat transfer in porous cone. AIP Conference Proceedings, 2018, , .	0.4	32
8	Hall Effects on Unsteady Magnetohydrodynamic Flow of a Nanofluid Past an Oscillatory Vertical Rotating Flat Plate Embedded in Porous Media. Journal of Nanofluids, 2021, 10, 259-269.	2.7	23
9	Radiation-Absorption and Dufour Effects on Magnetohydrodynamic Rotating Flow of a Nanofluid Over a Semi-Infinite Vertical Moving Plate with a Constant Heat Source. Journal of Nanofluids, 2020, 9, 177-186.	2.7	23
10	Finite element solution strategy for viscous dissipation in porous medium. AIP Conference Proceedings, 2019, , .	0.4	18
11	Heat and mass transfer with viscous dissipation in porous medium: FEM based methodology. AIP Conference Proceedings, 2019, , .	0.4	17
12	Conjugate heat transfer due to partial isothermal heating at center of annuls with two solids in porous annulus: Part I. AIP Conference Proceedings, 2019, , .	0.4	16
13	Partial heating at upper section of annulus subjected to conjugate heat transfer in porous annulus. AIP Conference Proceedings, 2019, , .	0.4	16
14	Patient specific 3-d modeling of blood flow in a multi-stenosed left coronary artery. Bio-Medical Materials and Engineering, 2017, 28, 257-266.	0.6	11
15	Discrete heating of opposing mixed convection heated at bottom of annulus. AIP Conference Proceedings, 2019, , .	0.4	9
16	Finite element formulation of conjugate heat transfer in porous annulus. AIP Conference Proceedings, 2020, , .	0.4	7
17	The influence of curvature wall onÂtheÂbloodÂflow in stenosed artery: AÂcomputationalÂstudy. Bio-Medical Materials and Engineering, 2018, 29, 319-332.	0.6	6
18	Double diffusion in arbitrary porous cavity: Part II. AIP Conference Proceedings, 2017, , .	0.4	5

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19	Discrete heating at bottom of annulus in case of mixed convection: Aiding flow. AIP Conference Proceedings, 2019, , .	0.4	5
20	The influence of multi-stenosis in the left coronary artery subjected to the variable blood flow rate. Frontiers in Engineering and Built Environment, 2021, 1, 97-106.	1.5	4
21	Radiation effect on conjugate heat transfer in an annulus. AIP Conference Proceedings, 2019, , .	0.4	3
22	Influence of radiation on MHD peristaltic blood flow through a tapered channel in presence of slip and joule heating. AIP Conference Proceedings, 2017, , .	0.4	1
23	Heat transfer in a porous cavity with an internal heating strip towards cold surface. Materials Today: Proceedings, 2020, 27, 1863-1868.	1.8	1
24	Double diffusion in arbitrary porous cavity: Part III. AIP Conference Proceedings, 2017, , .	0.4	0
25	Heat and mass transfer in vertical porous medium due to partial heating. AIP Conference Proceedings, 2018, , .	0.4	0
26	Heat transfer in a conical porous medium due to inner and top surface heating: Effect of radius ratio. AIP Conference Proceedings, 2018, , .	0.4	0
27	Conjugate heat transfer due to partial isothermal heating at center of annuls with two solids in porous annulus: Part II. AIP Conference Proceedings, 2019, , .	0.4	0
28	Effect of outer surface heating of porous annulus with thermal non equilibrium: Part I. AIP Conference Proceedings, 2019, , .	0.4	0
29	Effect of outer surface heating of porous annulus with thermal non equilibrium: Part II. AIP Conference Proceedings, 2019, , .	0.4	0
30	Conjugate heat transfer due to power law temperature in an annulus. AIP Conference Proceedings, 2019, , .	0.4	0
31	Heat transfer in a porous cavity due to left aligned internal heating strip. Materials Today: Proceedings, 2020, 27, 1848-1853.	1.8	0
32	Effect of centrally placed internal heating strip on heat transfer in a porous cavity. Materials Today: Proceedings, 2020, 27, 1894-1899.	1.8	0