

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

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all docs

32
docs citations

32
times ranked

266
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Heat transfer in a porous cavity due to left aligned internal heating strip. Materials Today: Proceedings, 2020, 27, 1848-1853.	1.8	0
6	Heat transfer in a porous cavity with an internal heating strip towards cold surface. Materials Today: Proceedings, 2020, 27, 1863-1868.	1.8	1
7	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
8	Finite element formulation of conjugate heat transfer in porous annulus. AIP Conference Proceedings, 2020, , .	0.4	7
9	Effect of centrally placed internal heating strip on heat transfer in a porous cavity. Materials Today: Proceedings, 2020, 27, 1894-1899.	1.8	0
10	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
11	Conjugate heat transfer due to partial isothermal heating at center of annulus with two solids in porous annulus: Part I. AIP Conference Proceedings, 2019, , .	0.4	16
12	Radiation effect on conjugate heat transfer in an annulus. AIP Conference Proceedings, 2019, , .	0.4	3
13	Conjugate heat transfer due to partial isothermal heating at center of annulus with two solids in porous annulus: Part II. AIP Conference Proceedings, 2019, , .	0.4	0
14	Finite element solution strategy for viscous dissipation in porous medium. AIP Conference Proceedings, 2019, , .	0.4	18
15	Partial heating at upper section of annulus subjected to conjugate heat transfer in porous annulus. AIP Conference Proceedings, 2019, , .	0.4	16
16	Heat and mass transfer with viscous dissipation in porous medium: FEM based methodology. AIP Conference Proceedings, 2019, , .	0.4	17
17	Discrete heating of opposing mixed convection heated at bottom of annulus. AIP Conference Proceedings, 2019, , .	0.4	9
18	Discrete heating at bottom of annulus in case of mixed convection: Aiding flow. AIP Conference Proceedings, 2019, , .	0.4	5

#	ARTICLE	IF	CITATIONS
19	Effect of outer surface heating of porous annulus with thermal non equilibrium: Part I. AIP Conference Proceedings, 2019, , .	0.4	0
20	Effect of outer surface heating of porous annulus with thermal non equilibrium: Part II. AIP Conference Proceedings, 2019, , .	0.4	0
21	Conjugate heat transfer due to power law temperature in an annulus. AIP Conference Proceedings, 2019, , .	0.4	0
22	The influence of curvature wall on the blood flow in stenosed artery: A computational study. Bio-Medical Materials and Engineering, 2018, 29, 319-332.	0.6	6
23	Heat and mass transfer in vertical porous medium due to partial heating. AIP Conference Proceedings, 2018, , .	0.4	0
24	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
25	Application of artificial neural network for heat transfer in porous cone. AIP Conference Proceedings, 2018, , .	0.4	32
26	Heat transfer prediction in a square porous medium using artificial neural network. AIP Conference Proceedings, 2018, , .	0.4	36
27	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
28	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
29	Double diffusion in arbitrary porous cavity: Part I. AIP Conference Proceedings, 2017, , .	0.4	36
30	Double diffusion in arbitrary porous cavity: Part II. AIP Conference Proceedings, 2017, , .	0.4	5
31	Double diffusion in arbitrary porous cavity: Part III. AIP Conference Proceedings, 2017, , .	0.4	0
32	Fem Formulation of Coupled Partial Differential Equations for Heat Transfer. IOP Conference Series: Materials Science and Engineering, 2017, 225, 012023.	0.6	35