M J Uddin

List of Publications by Citations

28 papers	330 citations	11 h-index	17 g-index
30 ext. papers	395 ext. citations	2.1 avg, IF	3.91 L-index

#	Paper	IF	Citations
28	Nanofluid slip flow over a stretching cylinder with Schmidt and Prandtlet number effects. *AIP Advances*, **2016**, 6, 055316	1.5	33
27	Group analysis and numerical computation of magneto-convective non-Newtonian nanofluid slip flow from a permeable stretching sheet. *Applied Nanoscience (Switzerland)*, **2014**, 4, 897-910	3.3	28
26	NUMERICAL STUDY OF SLIP EFFECTS ON UNSTEADY ASYMMETRIC BIOCONVECTIVE NANOFLUID FLOW IN A POROUS MICROCHANNEL WITH AN EXPANDING/CONTRACTING UPPER WALL USING BUONGIORNO'S MODEL. *Journal of Mechanics in Medicine and Biology*, **2017**, 17, 1750059	0.7	26
25	Nonplanar positron-acoustic Gardner solitary waves in electron-positron-ion plasmas with superthermal electrons and positrons. *Physics of Plasmas*, **2015**, 22, 022111	2.1	21
24	Roles of superthermal electrons and positrons on positron-acoustic solitary waves and double layers in electron-positron-ion plasmas. *Chaos*, **2014**, 24, 033130	3.3	21
23	Numerical study of self-similar natural convection mass transfer from a rotating cone in anisotropic porous media with Stefan blowing and Navier slip. *Indian Journal of Physics*, **2020**, 94, 863-877	1.4	21
22	Computational Study of Three-Dimensional Stagnation Point Nanofluid Bioconvection Flow on a Moving Surface With Anisotropic Slip and Thermal Jump Effect. *Journal of Heat Transfer*, **2016**, 138,	1.8	19
21	Finite element computational procedure for convective flow of nanofluids in an annulus. *Thermal Science and Engineering Progress*, **2018**, 6, 251-267	3.6	17
20	Natural Convective Heat Transfer Flow of Nanofluids Inside a Quarter-Circular Enclosure Using Nonhomogeneous Dynamic Model. *Arabian Journal for Science and Engineering*, **2017**, 42, 1883-1901	2.5	16
19	Numerical analysis of natural convective heat transport of copper oxide-water nanofluid flow inside a quadrilateral vessel. *Heliyon*, **2019**, 5, e01757	3.6	15
18	Analysis of natural convective heat transport in homocentric annuli containing nanofluids with an oriented magnetic field using nonhomogeneous dynamic model. *Neural Computing and Applications*, **2018**, 30, 3189-3208	4.8	14
17	Scaling group transformation for MHD boundary layer flow over permeable stretching sheet in presence of slip flow with Newtonian heating effects. *Applied Mathematics and Mechanics (English Edition)*, **2014**, 35, 1375-1386	3.2	11
16	Cost and sustainability of a successful package of interventions to improve vaccination coverage for children in urban slums of Bangladesh. *Vaccine*, **2014**, 32, 2294-9	4.1	11
15	Influence of Stefan blowing on nanofluid flow submerged in microorganisms with leading edge accretion or ablation. *Journal of the Brazilian Society of Mechanical Sciences and Engineering*, **2017**, 39, 4519-4532	2	11
14	Multiple Slips and Variable Transport Property Effect on Magnetohydromagnetic Dissipative Thermosolutal Convection in a Porous Medium. *Journal of Aerospace Engineering*, **2016**, 29, 04016024	1.4	9
13	Effect of variable properties, Navier slip and convective heating on hydromagnetic transport phenomena. *Indian Journal of Physics*, **2016**, 90, 627-637	1.4	9
12	Slip effects on MHD Hiemenz stagnation point nanofluid flow and heat transfer along a nonlinearly shrinking sheet with induced magnetic field: multiple solutions. *Journal of the Brazilian Society of Mechanical Sciences and Engineering*, **2017**, 39, 3363-3374	2	8

List of Publications

11	Numerical simulation of self-similar thermal convection from a spinning cone in anisotropic porous medium. *Journal of Hydrodynamics*, **2016**, 28, 184-194	3.3	8
10	Blasius and Sakiadis Slip Flows of Nanofluid with Radiation Effects. *Journal of Aerospace Engineering*, **2016**, 29, 04015080	1.4	7
9	Novel variant in the leptin receptor (LEPR) gene and its association with fat quality, odour and flavour in sheep. *Journal of the Indonesian Tropical Animal Agriculture*, **2019**, 44, 1	0.5	5
8	Two-component modeling for non-Newtonian nanofluid slip flow and heat transfer over sheet: Lie group approach. *Applied Mathematics and Mechanics (English Edition)*, **2016**, 37, 1325-1340	3.2	5
7	Numerical Study of Free Convective Flow of a Nanofluid over a Chemically Reactive Porous Flat Vertical Plate with a Second-Order Slip Model. *Journal of Aerospace Engineering*, **2016**, 29, 04015047	1.4	5
6	Association and Expression of CYP2A6 and KIF12 Genes Related to Lamb Flavour and Odour. *Tropical Animal Science Journal*, **2018**, 41, 100-107	1.5	5
5	Numerical solution of thermo-solutal mixed convective slip flow from a radiative plate with convective boundary condition. *Journal of Hydrodynamics*, **2016**, 28, 451-461	3.3	3
4	Comparative analysis of different types of breast cancer cell detection antennas **2017**,		2
3	Expression of CYP2A6, KIF12, and SULT1C1 in liver of sheep with divergent sheepmeat flavour and odour. *IOP Conference Series: Earth and Environmental Science*, **2018**, 157, 012029	0.3	0
2	Preliminary study of solute carrier family 23 member 3 (SLC23A3) gene as candidate marker for fatty acid traits in Kampung-Broiler crossbred chickens. *Journal of the Indonesian Tropical Animal Agriculture*, **2018**, 43, 201	0.5	0
1	Variant discovery in the sheepmeat odour and flavour in javanese fat tailed sheep using RNA sequencing. *IOP Conference Series: Earth and Environmental Science*, **2018**, 157, 012030	0.3	0