

Scientific Research Statistics for 2019-20

No.	Authors	Article Title	Journal Name	Year	Volume	Issue No.	PP.
1.	M. N. Khan, I. Tlili, W. A. Khan	Forced Convection of Nanofluid Flow Across Horizontal Elliptical Cylinder with Constant Heat Flux Boundary Condition	Journal of Nanofluids	2019	8	2	
2.	Mohammad Kashif Uddin, Rifaqat Ali Khan Rao, Kotturu V. V. Chandra Mouli	The artificial neural network and Box-Behnken design for Cu ²⁺ removal by the pottery sludge from water samples: Equilibrium, kinetic and thermodynamic studies	Journal of Molecular Liquids	2018	266	15 September 2018	617-627
3.	IM Alarifi, WS Khan, R Asmatulu	Synthesis of electrospun polyacrylonitrile derived carbon fibers and comparison of properties with bulk form	Plos One	2018	13	9/8/2018	1932-6203
4.	Ibrahim M Alarifi, R Alharbi Abdulaziz, MN Khan, S Khan Waseem, Ramazan Asmatulu	Water treatment using electrospun PVC/PVP nanofibers as filter medium	International Journal of Material Science and Research	2018	1	2018/8/5	2638-1559
5.	A Asadi, IM Alarifi, Vakkar Ali, HM Nguyen	An experimental investigation on the effects of ultrasonication time on stability and thermal conductivity of MWCNT-water nanofluid: Finding the optimum ultrasonication time.	Ultrasonics Sonochemistry	Nov 2019	58	Online	104639
6.	IM Alarifi, AB Alkouh, V Ali, HM Nguyen, A Asadi	On the rheological properties of MWCNT-TiO ₂ /oil hybrid nanofluid: An experimental investigation on the effects of shear rate, temperature, and solid concentration of nanoparticles	Powder Technology	Octo 2019	355	On line	157-168

7.	V Ali, T Gul, S Afridi, F Ali, SO Alharbi, I Khan	Thin Film Flow of Micropolar Fluid in a Permeable Medium	Coatings	Feb 2019	9	2	98
8.	V Ali, AM Alklaibi, M Talha	On Natural Frequency of Finite Element Modeled Geometrically Imperfect Shear Deformable Functionally Gradient Sandwich Arches in Thermal Environment	International Journal of Applied Mechanics	2019	11	01	1950001
9.	Thili, Ali Vakkar	Thermodynamic analysis and optimization of solar thermal engine: Performance enhancement	Physica A: Statistical Mechanics and its Applications	2020/2/15	540	2	123012
10.	Kotturu V. V. Chandra Mouli and Biswajit Mahanty	Policies for Sustainable Growth of the SMEs: A Study in Indian Automotive Component Manufacturing Industry	International Journal of Business continuity and Risk Management	2019	9	3	199-225
11.	Kotturu V. V. Chandra Mouli Y. S Rama Rao. V Srinivas , V Vandana, Kodanda Rama Rao Chebattina	Investigation of Tribological Properties and Engine Performance of Polyol ester-based Bio-lubricant: Commercial Motorbike Engine oil Blends	Proceedings I Mech E Part D: Journal of Automobile Engineering	2020		Online	
12.	Alarifi, I.M	Investigation the conductivity of carbon fiber composites focusing on measurement techniques under dynamic and static loads	Journal of Materials Research and Technology	2019	8	5	4863-4893
13.	Alarifi, I.M., Movva, V., Rahimi-Gorji, M. and Asmatulu, R	Performance analysis of impact-damaged laminate composite structures for quality assurance	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2019	41	8	345
14.	Alarifi, I.M., Alkouh, A.B., Ali, V., Nguyen, H.M. and Asadi, A	On the rheological properties of MWCNT-TiO2/oil hybrid nanofluid: An experimental investigation on the effects of shear rate, temperature, and solid concentration of nanoparticles	Powder Technology	2019	355		157-162

15.	Kasaragadda, S., Alarifi, I.M., Rahimi-Gorji, M. and Asmatulu, R	Investigating the effects of surface superhydrophobicity on moisture ingress of nanofiber-reinforced bio-composite structures	Microsystem Technologies	2019			1-13
16.	Asadi, A., Alarifi, I.M., Ali, V. and Nguyen, H.M	An Experimental Investigation on the Effects of Ultrasonication Time on Stability and Thermal Conductivity of MWCNT-water Nanofluid: Finding the Optimum Ultrasonication Time	Ultrasonics Sonochemistry	2019	58		104639
17.	Souayeh, B., Reddy, M.G., Sreenivasulu, P., Poornima, T., Rahimi-Gorji, M. and Alarifi, I.M.,	Comparative analysis on non-linear radiative heat transfer on MHD Casson nanofluid past a thin needle	Journal of Molecular Liquids	2019	284		163-174
18.	Hajizadeh, A., Shah, N.A., Shah, S.I.A., Animasaun, I.L., Rahimi-Gorji, M. and Alarifi, I.M	Free convection flow of nanofluids between two vertical plates with damped thermal flux	Journal of Molecular Liquids	2019	289		110964
19.	Kumar, K.G., Rahimi-Gorji, M., Reddy, M.G., Chamkha, A.J. and Alarifi, I.M	Enhancement of heat transfer in a convergent/divergent channel by using carbon nanotubes in the presence of a Darcy–Forchheimer medium	Microsystem Technologies	2019			1-10
20.	Uddin, S., Mohamad, M., Rahimi-Gorji, M., Roslan, R. and Alarifi, I.M	Fractional electro-magneto transport of blood modeled with magnetic particles in cylindrical tube without singular kernel	Microsystem Technologies	2019			1-10
21.	Adesanya, S.O., Onanaye, A.S., Adeyemi, O.G., Rahimi-Gorji, M. and Alarifi, I.M	Evaluation of heat irreversibility in couple stress falling liquid films along heated inclined substrate	Journal of Cleaner Production	2019	239		117608

22.	Kumar, K.G., Avinash, B.S., Rahimi-Gorji, M. and Alarifi, I.M	Optical and electrical properties of Ti1-XSnXO2 nanoparticles	Journal of Molecular Liquids	2019	293		111556
23.	Chinni, G., Alarifi, I.M., Rahimi-Gorji, M. and Asmatulu	Investigating the effects of process parameters on microalgae growth, lipid extraction, and stable nanoemulsion productions	Journal of Molecular Liquids	2019	291		111308
24.	EL-Bagory, T.M., Alarifi, I.M. and Younan, M.Y	Prediction of Mechanical Properties for Curved Dumbbell Shaped Specimen at Different Orientation Angles of Ring Hoop Tension Test	Advanced Engineering Materials	2019	21	9	8
25.	Akermi, M., Jaballah, N., Alarifi, I.M., Rahimi-Gorji, M., Chaabane, R.B., Ouada, H.B. and Majdoub, M	Synthesis and characterization of a novel hydride polymer P-DSBT/ZnO nano-composite for optoelectronic applications	Journal of Molecular Liquids	2019	287		110963
26.	Alarifi, I.M., Abokhalil, A.G., Osman, M., Lund, L.A., Ayed, M.B., Belmabrouk, H. and Tlili, I	MHD Flow and Heat Transfer over Vertical Stretching Sheet with Heat Sink or Source Effect	Symmetry	2019	11	3	297
27.	Swarna, V.S., Alarifi, I.M., Khan, W.A. and Asmatulu, R	Enhancing fire and mechanical strengths of epoxy nanocomposites for metal/metal bonding of aircraft aluminum alloys	Polymer Composites	2019	40	9	
28.	Mahanthesh, B., Animasaun, I.L., Rahimi-Gorji, M. and Alarifi, I.M	Quadratic convective transport of dusty Casson and dusty Carreau fluids past a stretched surface with nonlinear thermal radiation, convective condition and non-uniform heat source/sink	Physica A: Statistical Mechanics and its Applications	2019	535		122471

29.	Tlili, I., Osman, M., Alarifi, I.M., Belmabrouk, H., Shafee, A. and Li, Z	Performance enhancement of a multi-effect desalination plant: A thermodynamic investigation	Physica A: Statistical Mechanics and its Applications	2019	535		122535
30.	Tlili, I., Osman, M., Barhoumi, E.M., Alarifi, I.M., Abo- Khalil, A.G., Praveen, R.P. and Sayed, K	Performance enhancement of a humidification–dehumidification desalination system	Journal of Thermal Analysis and Calorimetry	2019			1-11