



بيان بالأبحاث العلمية للباحثين من أعضاء هيئة التدريس ومن في حكمهم بوحدة النماذج الإحصائية للعام ٢٠٢٠

م	عنوان البحث	سنة النشر	اسم المجلة ومعامل تأثيرها	Q	DOI
Year 2019					
1	Combined Effects of Variable Thermal Conductivity and Electrical Conductivity on Peristaltic Flow of Pseudoplastic Nanofluid in an Inclined Non-Uniform Asymmetric Channel: Applications to Solar Collectors	2020	<i>Journal of Thermal Science and Engineering Applications</i> IF=1.115	Q2	https://doi.org/10.1115/1.4044404
2	Concentration-dependent viscosity and thermal radiation effects on MHD peristaltic motion of Synovial Nanofluid: Applications to rheumatoid arthritis treatment	2019	<i>Computer Methods and Programs in Biomedicine</i> IF=3.424	Q1	https://doi.org/10.1016/j.cmpb.2019.01.001
3	Machine Learning-based Approach for Automated Identification of Produced Water Types from Conventional and Unconventional Reservoirs	2019	<i>Fourth EAGE Conference on Petroleum Geostatistics</i>	Q2	10.3997/2214-4609.201902193
4	Mixed convective peristaltic flow of Eyring-Prandtl fluid with chemical reaction and variable electrical conductivity in a tapered asymmetric channel	2019	<i>Heat Transfer - Asian Research</i>	Q2	10.1002/htj.21466
5	Thermal radiation and variable electrical conductivity effects on MHD peristaltic motion of Carreau nanofluids: Radiotherapy and thermo-therapy of oncology treatment	2019	<i>Heat Transfer—Asian Research</i>	Q2	10.1002/htj.21415
6	Numerical simulation of the motion of a micropolar Casson fluid through a porous medium over a stretching surface	2019	<i>Thermal Science</i> IF=1.541	Q3	10.2298/TSCI180604008E
7	Hybrid watermarking scheme based on fast Walsh-hadamard transform and singular value decomposition using parity function	2019	<i>International Journal of Development Research</i>	Q4	http://www.journalijdr.com/sites/default/files/issue-pdf/15548.pdf
8	Semi-analytical solution to MHD peristaltic flow of a Jeffrey fluid in presence of Joule heat effect by using multi-step differential transform method	2019	<i>New Trends in Mathematical Sciences</i>	Q3	http://dx.doi.org/10.20852/ntmsci.2019.351
9	The impact of the digital storytelling rubrics on the social media engagements	2019	<i>International Journal of Computer Applications in Technology</i> IF=1.5	Q2	https://doi.org/10.1504/IJCAT.2019.098605
10	Validation of Messaadi equation on viscosity-temperature dependence for some ternary liquid mixtures by statistical correlation analysis	2019	<i>Physics and Chemistry of Liquids</i> IF=1.37	Q2	https://doi.org/10.1080/00319104.2019.1625048
Year 2020					
11	Neighborhood search methods with Moth Optimization algorithm as a wrapper method for feature selection problems	2020	<i>International Journal of Electrical and Computer Engineering</i> IF=1.63	Q2	http://doi.org/10.11591/ijece.v10i4.pp3672-3684



12	Memory Based Cuckoo Search Algorithm for Feature Selection of Gene Expression Data	2020	IAENG International Journal of Computer Science IF=1.31	Q2	IJCS_2020_03_30b Accepted
13	Modeling of the irradiation effect on some physicochemical properties of metoprolol tartrate for safe medical uses	2020	Scientific Reports IF= 4.5	Q1	https://doi.org/10.1038/s41598-019-56805-0
14	Hyperbolic correlation between the viscosity Arrhenius parameters at liquid phase of some pure Newtonian fluids and their normal boiling temperature	2019	Russ. J. Phy. Chem. A IF=0.581	Q4	10.1134/S0036024420010239
15	Combined Effects of Variable Thermal Conductivity and Electrical Conductivity on Peristaltic Flow of Pseudoplastic Nanofluid in an Inclined Non-Uniform Asymmetric Channel	2020	Journal of Thermal Science and Engineering Applications IF=1.115	Q1	https://doi.org/10.1115/1.4044404
16	Combined Effects of Thermal Radiation and Magnetohydrodynamic on Peristaltic Flow of Nanofluids: Applications to Radiotherapy and Thermotherapy of Cancer	2020	Current Nanoscience IF=1.58	Q2	https://doi.org/10.2174/1573413715666190318161351
17	A semi analytical technique for MHD peristalsis of pseudoplastic nanofluid with temperature dependent viscosity: Application in drug delivery system	2020	Heat Transfer—Asian	Q2	https://doi.org/10.1002/htj.21619
18	The motion of a non-newtonian nanofluid over a semi-infinite moving vertical plate through porous medium with heat and mass transfer	2020	Thermal science IF=1.541	Q3	https://doi.org/10.2298/TS-CI180604021E
19	Numerical simulation of the motion of a micropolar casson fluid through a porous medium over a stretching surface	2020	Thermal science IF=1.541	Q3	https://doi.org/10.2298/TS-CI180604008E
20	An improved rule induction-based denial of service attacks classification model	2020	Computers & Security IF=3.579	Q1	https://doi.org/10.1016/j.cose.2020.102008
21	Hybrid Brain Storming Optimization Algorithm and Late Acceptance Hill Climbing to Solve the Flexible Job-Shop Scheduling Problem	2020	Journal of King Saud University - Computer and Information Science Cite score=8	Q1	https://doi.org/10.1016/j.jksuci.2020.09.004
22	Neighborhood search methods with Moth Optimization algorithm as a wrapper method for feature selection problems	2020	International Journal of Electrical and Computer Engineering IF=1.059	Q2	http://doi.org/10.11591/ijece.v10i4.pp3672-3684
23	Hybrid feature selection method based on particle swarm optimization and adaptive local search method	2021	International Journal of Electrical and Computer Engineering IF=1.059	Q2	http://doi.org/10.11591/ijece.v11i3.pp%25p
24	Combined Effects of Variable Thermal Conductivity and Electrical Conductivity on Peristaltic Flow of Pseudoplastic Nanofluid in an Inclined Non-Uniform Asymmetric Channel	2020	Journal of Thermal Science and Engineering Applications IF=1.544	Q1	https://doi.org/10.1115/1.4044404



25	Combined Effects of Thermal Radiation and Magnetohydrodynamic on Peristaltic Flow of Nanofluids: Applications to Radiotherapy and Thermo-therapy of Cancer	2020	Current Nanoscience IF=1.836	Q2	https://doi.org/10.2174/1573413715666190318161351
26	A semi analytical technique for MHD peristalsis of pseudoplastic nanofluid with temperature dependent viscosity: Application in drug delivery system	2020	Heat Transfer—Asian	Q2	https://onlinelibrary.wiley.com/doi/full/10.1002/hjt.21619
27	The motion of a non-newtonian nanofluid over a semi-infinite moving vertical plate through porous medium with heat and mass transfer	2020	Thermal science	Q3	https://doi.org/10.2298/TS-CI180604021E
28	Numerical simulation of the motion of a micropolar casson fluid through a porous medium over a stretching surface	2020	Thermal science	Q3	https://doi.org/10.2298/TS-CI180604008E
29	Instantaneous Thermal-Diffusion and Diffusion-Thermo Effects on Carreau Nanofluid Flow Over a Stretching Porous Sheet	2020	Journal of Advanced Research In Fluid Mechanics And Thermal Sciences Cite Score=1.2	Q3	http://www.akademiabaru.com/doc/ARFMTSV72_N2_P142_157.pdf
30	Niche partitioning among the Mesozoic echinoderms: biotic vs abiotic traits	2020	Arabian Journal of Geosciences IF=1.327	Q2	https://doi.org/10.1007/s12517-020-05908-4
31	Hybrid Brain Storming Optimization Algorithm and Late Acceptance Hill Climbing To Solve The Flexible Job-Shop Scheduling Problem	2020	Journal of King Saud University - Computer and Information Science Cite score=8	Q1	https://doi.org/10.1016/j.suci.2020.09.004
32	Combined Effects of Variable Thermal Conductivity and Electrical Conductivity on Peristaltic Flow of Pseudoplastic Nanofluid in an Inclined Non-Uniform Asymmetric Channel	2020	Journal of Thermal Science and Engineering Applications IF=1.544	Q1	https://doi.org/10.1115/1.4044404
33	Combined Effects of Thermal Radiation and Magnetohydrodynamic on Peristaltic Flow of Nanofluids: Applications to Radiotherapy and Thermo-therapy of Cancer	2020	Current Nanoscience IF=1.836	Q2	https://doi.org/10.2174/1573413715666190318161351
34	Validation of Messaâdi equation on viscosity-temperature dependence for some ternary liquid mixtures by statistical correlation analysis	2020	Physics and Chemistry of Liquids IF=0.603	Q4	https://doi.org/10.1080/00319104.2019.1625048
35	Well-posedness for Hardy-H'evon parabolic equations with fractional Brownian noise	2020	arXiv	-	https://arxiv.org/abs/2006.08787v1
36	Modeling of the irradiation effect on some physicochemical properties of metoprolol tartrate for safe medical uses	2020	Scientific Reports IF= 4.5	Q1	https://doi.org/10.1038/s41598-019-56805-0
37	A Novel Equation Correlating the Rheological Properties of Some Commercial Tomato Ketchups	2020	Journal of Biochemical Technology Impact factor:	-	https://jbiochemtech.com/en/article/a-novel-equation-correlating-the-rheological-properties-of-some-commercial-tomato-ketchups
38	Hyperbolic Correlation between the Viscosity Arrhenius Parameters at Liquid Phase of Some Pure Newtonian Fluids and Their Normal Boiling Temperature	2020	Russian Journal of Physical Chemistry A (If 0.58)	Q4	https://doi.org/10.1134/S0036024420010239



39	Neighborhood search methods with Moth Optimization algorithm as a wrapper method for feature selection problems	2020	International Journal of Electrical and Computer Engineering IF=1.059	Q2	http://doi.org/10.11591/ijece.v10i4.pp3672-3684
40	Hybrid feature selection method based on particle swarm optimization and adaptive local search method	2021	International Journal of Electrical and Computer Engineering IF=1.059	Q2	http://doi.org/10.11591/ijece.v11i3.pp%25p
41	Neighborhood search methods with Moth Optimization algorithm as a wrapper method for feature selection problems	2020	International Journal of Electrical and Computer Engineering IF=1.059	Q2	http://doi.org/10.11591/ijece.v10i4.pp3672-3684
42	Hybrid feature selection method based on particle swarm optimization and adaptive local search method	2021	International Journal of Electrical and Computer Engineering IF=1.059	Q2	http://doi.org/10.11591/ijece.v11i3.pp%25p
43	Validation of Messaâdi equation on viscosity-temperature dependence for some ternary liquid mixtures by statistical correlation analysis		Physics and Chemistry of Liquids IF=1.9	Q3	https://doi.org/10.1080/00319104.2019.1625048