

Mohammad Mahtab Alam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9080138/publications.pdf>

Version: 2024-02-01

53
papers

822
citations

516561

16
h-index

580701

25
g-index

54
all docs

54
docs citations

54
times ranked

630
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of magnetic dipole on thermophoretic particle deposition in the flow of Maxwell fluid over a stretching sheet. <i>Journal of Molecular Liquids</i> , 2021, 334, 116494.	2.3	76
2	Inspection of convective heat transfer and KKL correlation for simulation of nanofluid flow over a curved stretching sheet. <i>International Communications in Heat and Mass Transfer</i> , 2021, 126, 105445.	2.9	72
3	Hand grip strength determination for healthy males in Saudi Arabia: A study of the relationship with age, body mass index, hand length and forearm circumference using a hand-held dynamometer. <i>Journal of International Medical Research</i> , 2017, 45, 540-548.	0.4	47
4	E-Learning Services to Achieve Sustainable Learning and Academic Performance: An Empirical Study. <i>Sustainability</i> , 2021, 13, 2653.	1.6	45
5	Intra- and inter-rater reliability of neutral head position and target head position tests in patients with and without neck pain. <i>Brazilian Journal of Physical Therapy</i> , 2017, 21, 259-267.	1.1	40
6	Relationship Modeling of Critical Success Factors for Enhancing Sustainability and Performance in E-Learning. <i>Sustainability</i> , 2018, 10, 4776.	1.6	39
7	Association of age on cervical joint position error. <i>Journal of Advanced Research</i> , 2017, 8, 201-207.	4.4	37
8	Structural Equation Modeling for Mobile Learning Acceptance by University Students: An Empirical Study. <i>Sustainability</i> , 2020, 12, 8618.	1.6	29
9	2D mixed convection non-Darcy model with radiation effect in a nanofluid over an inclined wavy surface. <i>AEJ - Alexandria Engineering Journal</i> , 2022, 61, 9965-9976.	3.4	29
10	Quasi-linearization analysis for heat and mass transfer of magnetically driven 3rd-grade (Cu-TiO ₂ /engine oil) nanofluid via a convectively heated surface. <i>International Communications in Heat and Mass Transfer</i> , 2022, 135, 106060.	2.9	28
11	Influence of chronic neck pain on cervical joint position error (JPE): Comparison between young and elderly subjects. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2017, 30, 1265-1271.	0.4	26
12	Classification of Arrhythmia in Heartbeat Detection Using Deep Learning. <i>Computational Intelligence and Neuroscience</i> , 2021, 2021, 1-13.	1.1	26
13	Radiation and Multiple Slip Effects on Magnetohydrodynamic Bioconvection Flow of Micropolar Based Nanofluid over a Stretching Surface. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5136.	1.3	24
14	Acceptability of COVID-19 vaccination in Saudi Arabia: A cross-sectional study using a web-based survey. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 3338-3347.	1.4	23
15	Evaluation of antibacterial properties of <i>Matricaria aurea</i> on clinical isolates of periodontitis patients with special reference to red complex bacteria. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 1203-1209.	1.2	21
16	Screening of drug databank against WT and mutant main protease of SARS-CoV-2: Towards finding potential compound for repurposing against COVID-19. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3152-3159.	1.8	19
17	Is PF-00835231 a Pan-SARS-CoV-2 Mpro Inhibitor? A Comparative Study. <i>Molecules</i> , 2021, 26, 1678.	1.7	18
18	Numerical Assessment of Dipole Interaction with the Single-Phase Nanofluid Flow in an Enclosure: A Pseudo-Transient Approach. <i>Materials</i> , 2022, 15, 2761.	1.3	17

#	ARTICLE	IF	CITATIONS
19	Rheological Model for Generalized Energy and Mass Transfer through Hybrid Nanofluid Flow Comprised of Magnetized Cobalt Ferrite Nanoparticles. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-11.	1.5	17
20	COVID-19 Vaccine Acceptance: Beliefs and Barriers Associated with Vaccination Among the Residents of KSA. <i>Journal of Multidisciplinary Healthcare</i> , 2021, Volume 14, 3243-3252.	1.1	14
21	Metallic ion-based graphene oxide functionalized silk fibroin-based dressing promotes wound healing via improved bactericidal outcomes and faster re-epithelization. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 035010.	1.7	14
22	A Novel Investigation to Explore the Impact of Renewable Energy, Urbanization, and Trade on Carbon Emission in Bhutan. <i>Energies</i> , 2022, 15, 2984.	1.6	14
23	A study of heat and mass transfer micropolar fluid flow near the stagnation regions of an object. <i>Case Studies in Thermal Engineering</i> , 2021, 26, 101064.	2.8	13
24	Inhibitory Effect of <i>Nepeta deflersiana</i> on Climax Bacterial Community Isolated from the Oral Plaque of Patients with Periodontal Disease. <i>Molecules</i> , 2021, 26, 202.	1.7	12
25	Efficiency evaluation of solar water-pump using nanofluids in parabolic trough solar collector: 2nd order convergent approach. <i>Waves in Random and Complex Media</i> , 0, , 1-37.	1.6	12
26	Exploring the Determinants of Service Quality of Cloud E-Learning System for Active System Usage. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4176.	1.3	11
27	Fractional analysis of thin-film flow in the presence of thermal conductivity and variable viscosity. <i>Waves in Random and Complex Media</i> , 0, , 1-19.	1.6	10
28	Erratic Behavioral Attitude Leads to Noncommunicable Diseases: A Cross-Sectional Study. <i>BioMed Research International</i> , 2020, 2020, 1-8.	0.9	7
29	Influence of entropy generation on hybrid nanoparticles near the lower region of solid sphere. <i>Case Studies in Thermal Engineering</i> , 2021, 26, 101038.	2.8	7
30	Improving the thermal performance of (ZnO-Ni /H ₂ O) hybrid nanofluid flow over a rotating system: the applications of Darcy Forchheimer theory. <i>Waves in Random and Complex Media</i> , 0, , 1-17.	1.6	7
31	Effect of nonlinear radiation on flow and heat transfer of dusty fluid over a stretching cylinder with Cattaneo–Christov heat flux. <i>International Journal of Modern Physics C</i> , 2021, 32, .	0.8	6
32	Fall prevention knowledge and practice patterns among home healthcare professionals in southern Saudi Arabia: an observational study. <i>Journal of International Medical Research</i> , 2018, 46, 5062-5073.	0.4	5
33	The Impact of Body Resistance Training Exercise on Biomedical Profile at High Altitude: A Randomized Controlled Trial. <i>BioMed Research International</i> , 2021, 2021, 1-10.	0.9	5
34	Consequences of heat and mass transports on entropy creation in ciliary flow systems with chemical reaction and Hall effects. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2022, 236, 7151-7165.	1.1	5
35	Electroosmosis modulated peristaltic transport of Carreau magneto-nanofluid with modified Darcy's law. <i>Waves in Random and Complex Media</i> , 0, , 1-21.	1.6	5
36	Application of Entrepreneurial Intention Model in Comparative International Entrepreneurship Research: A Cross-Cultural Study of India and Saudi Arabia. <i>Sustainability</i> , 2021, 13, 13369.	1.6	5

#	ARTICLE	IF	CITATIONS
37	Mediating role of body mass index in knee osteoarthritis. Journal of Taibah University Medical Sciences, 2017, 12, 150-156.	0.5	4
38	Radiologists's Knowledge and Attitudes towards CT Radiation Dose and Exposure in Saudi Arabia: A Survey Study. Medical Sciences (Basel, Switzerland), 2020, 8, 27.	1.3	4
39	Lorentz force and Darcy-Forchheimer effects on the convective flow of non-Newtonian fluid with chemical aspects. Waves in Random and Complex Media, 0, , 1-15.	1.6	4
40	Numerical simulation of 3D swirling flow of Maxwell nanomaterial with a binary chemical mechanism and nonlinear thermal radiation effects. Waves in Random and Complex Media, 0, , 1-19.	1.6	4
41	Effect of Initial Stress on an SH Wave in a Monoclinic Layer over a Heterogeneous Monoclinic Half-Space. Mathematics, 2021, 9, 3243.	1.1	3
42	Optimization of Performance Model of Ethyl Acetate Saponification Using Multiple Regression Analysis. Russian Journal of Applied Chemistry, 2018, 91, 1895-1904.	0.1	2
43	BCL-2 (-938C>A), BAX (-248G>A), and HER2 Ile655Val Polymorphisms and Breast Cancer Risk in Indian Population. Journal of Oncology, 2021, 2021, 1-8.	0.6	2
44	Assessment of IL-12, mRNA expression, vitamin-D level, and their correlation among the Mycobacterium tuberculosis cases. Saudi Journal of Biological Sciences, 2021, 29, 992-997.	1.8	2
45	New Iterative Method for Solving a Coupled System of Fractional-Order Drinfeld-Sokolov-Wilson (FDSW) and Fractional Shallow Water (FSW) Equations. Journal of Nanomaterials, 2022, 2022, 1-13.	1.5	2
46	A simple validated HPTLC method for the analysis of flavonoids and molecular docking studies of novel tri-terpenoid glycoside isolated from Carya illinoensis bark with potential anti-inflammatory and antinociceptive activities. South African Journal of Botany, 2022, 147, 596-607.	1.2	2
47	Numerical Solution of the Absolute Value Equations Using Two Matrix Splitting Fixed Point Iteration Methods. Journal of Function Spaces, 2022, 2022, 1-9.	0.4	2
48	Electro-Magnetohydrodynamic Fractional-Order Fluid Flow with New Similarity Transformations. Journal of Nanomaterials, 2022, 2022, 1-9.	1.5	1
49	Fall risks factors among home-based health care patients in the Aseer province: Observational study. Biomedical Research (Aligarh, India), 2018, 29, .	0.1	0
50	Physical Therapy Utilization and Patients Characteristics among Home Health Care Beneficiaries with Cerebrovascular Accidents in Saudi Arabia. International Journal of Health and Rehabilitation Sciences, 2018, 7, 161.	0.0	0
51	Body Mass Index and Its Association with Genetically Transmitted Traits. BioMed Research International, 2020, 2020, 1-5.	0.9	0
52	Thermally radiative flow of Williamson nanofluid containing microorganisms with applications of heat source and activation energy. International Journal of Modern Physics C, 0, , .	0.8	0
53	Acid tolerant multicomponent bacterial enzymes production enhancement under the influence of corn cob waste substrate. International Journal of Food Microbiology, 2022, 373, 109698.	2.1	0