

2023 PUBLICATIONS

Publish	indexing (WOS + SCOPUS/WOS/SCOPUS)	WOS Index type for publication (AHCI/SCI/SSCI/ESCI/PCI)	Publication Type (Article/Review/Manuscript)	Tag	Title	DOI	APC Yes/No	Impact Factor	Issue Type	WOS Q	Schimgo Q	NEU Number of Authors	NEU Author Order
1	WOS/SCOPUS	SCI-E	Article		Kaid, N., Bayram, M., Asad, J., Atif, M., Alhassan, M. S., Ameer, H., ... & Menni, Y. (2023). Simulation of newly designed vortex generators for optimizing fluid mixing efficiency in compact static mixers with single-exit configuration. <i>Thermal Science</i> , 27(4 Part B), 3337-3347.	https://doi.org/10.2298/TSC12304337K		1.7	Special	Q3	Q3	1	Hijaz Ahmad
2	WOS/SCOPUS	SCI-E	Article		Khan, T., Rihan, F. A., & Ahmad, H. (2023). Modeling the dynamics of acute and chronic hepatitis B with optimal control. <i>Scientific Reports</i> , 13(1), 14980.	https://www.nature.com/articles/s41598-023-39582-9		4.6	Regular	Q2	Q1	1	Hijaz Ahmad
3	WOS/SCOPUS	SCI-E	Article		Mahboob, A., Hussaain, T., Abbas, T., Bonyah, E., Khan, M. S., Almohsen, B., ... & Ahmad, Z. (2023). Minimal CSS-supplemented subgroups of finite groups. <i>AIP Advances</i> , 13(9).	https://doi.org/10.1063/5.0156071		1.6	Regular	Q2	Q2	1	Hijaz Ahmad
4	WOS/SCOPUS	SCI-E	Article		Khan, H., Aslam, M., Rajpar, A. H., Chu, Y. M., Etemad, S., Rezapour, S., & Ahmad, H. (2023). A New Fractal-Fractional Hybrid Model for Studying Climate Change on Coastal Ecosystems from the Mathematical Point of View. <i>FRACTALS-COMPLEX GEOMETRY PATTERNS AND SCALING IN NATURE AND SOCIETY</i> .	https://doi.org/10.1142/S0218348X24400152		4.7	Regular	Q1	Q1	1	Hijaz Ahmad
5	WOS/SCOPUS	SCI-E	Article		Caliskan, A., Zulfarman, R. M., Güdekli, E., Siddique, I., Ahmad, H., & Askar, S. (2023). Structural properties of a new class of stellar structures in modified teleparallel gravity. <i>Frontiers in Astronomy and Space Sciences</i> , 10, 1203777.	https://doi.org/10.3389/fspas.2023.1203777		3	Regular	Q2	Q2	1	Hijaz Ahmad
6	WOS/SCOPUS	SCI-E	Article		Haq, I. U., Ali, N., Ahmad, H., Sabra, R., Albalwi, M. D., & Ahmad, I. (2023). Mathematical analysis of a Corona virus model with Caputo, Caputo-Fabrizio-Caputo fractional and Atangana-Baleanu-Caputo differential operators. <i>International Journal of Biomathematics</i> .	https://doi.org/10.1142/S1793524523500857		2.2	Regular	Q3	Q3	1	Hijaz Ahmad
7	WOS/SCOPUS	SCI-E	Article		Jain, R., Mehta, R., Sharma, M. K., Mehta, T., Ahmad, H., & Tchier, F. (2023). Numerical analysis of heat and mass transport of hybrid nanofluid over an extending plate with inclined magnetic field in presence of Soret and dufour Effect. <i>Modern Physics Letters B</i> , 2450037.	https://doi.org/10.1142/S0217984924500374		1.9	Regular	Q2	Q3	1	Hijaz Ahmad
8	WOS/SCOPUS	SCI-E	Article		Raza, Q., Wang, X., Akbar Qureshi, M. Z., Siddique, I., Ahmad, M., Ali, B., ... & Tchier, F. (2023). Significance role of dual porosity and interfacial nanolayer mechanisms on hybrid nanofluids flow: A symmetry flow model. <i>Modern Physics Letters B</i> , 2450022.	https://doi.org/10.1142/S0217984924500222		1.9	Regular	Q2	Q3	1	Hijaz Ahmad
9	WOS/SCOPUS	SCI-E	Article		Ullah, K., Ishaq, M., Tchier, F., Ahmad, H., & Ahmad, Z. (2023). Fuzzy-based maximum power point tracking (MPPT) control system for photovoltaic power generation system. <i>Results in Engineering</i> , 20, 101466.	https://doi.org/10.1016/j.rineng.2023.101466		5	Regular	Q1	Q1	1	Hijaz Ahmad
10	WOS/SCOPUS	SCI-E	Article		Alsadat, N., Elgarhy, M., Hassan, A. S., Ahmad, H., & Abd Eisa, E. H. (2023). A new extension of linear failure rate distribution with estimation, simulation, and applications. <i>AIP Advances</i> , 13(10).	https://doi.org/10.1063/5.0170297		1.6	Regular	Q2	Q2	1	Hijaz Ahmad
11	WOS/SCOPUS	SCI-E	Article		Barak, M. S., Ahmad, H., Kumar, R., Kumar, R., Gupta, V., Awwad, F. A., & Ismail, E. A. (2023). Behavior of higher-order MDD on energy ratios at the interface of thermoelastic and piezothermoelastic mediums. <i>Scientific Reports</i> , 13(1), 17170	https://www.nature.com/articles/s41598-023-44339-5		4.9	Regular	Q1	Q1	1	Hijaz Ahmad
12	WOS/SCOPUS	SCI-E	Article		Payam J, Amirmohammad M, Bahram J, Amirali S, Davood D. G, Dilber U. O, and Ahmad H. (2023). Thermal analysis of transverse fluid flow in a gradient porous media with the exponentially boundary conditions. <i>Modern Physics Letters B</i> , 2350229	https://doi.org/10.1142/S0217984923502299		1.9	Regular	Q2	Q3	2	Dilber Uzun Ozsahin and Hijaz Ahmad
13	WOS/SCOPUS	SCI-E	Article		Farooq, M., Ahmad, H., Ozsahin, D. U., Khan, A., Nawaz, R., & Almohsen, B. (2023). A study of heat and mass transfer flow of a variable viscosity couple stress fluid between inclined plates. <i>Modern Physics Letters B</i> , 2350231.	https://doi.org/10.1142/S0217984923502317		1.9	Regular	Q2	Q3	2	Hijaz Ahmad and Dilber Uzun Ozsahin

14	WOS/SCOPUS	SCI-E	Article	Butt, A. R., Saqib, A. A., Bakar, A., Ozsahin, D. U., Ahmad, H., & Almohsen, B. (2023). Investigating the fractional dynamics and sensitivity of an epidemic model with nonlinear convex rate. <i>Results in Physics</i> , 107089.	Investigating the fractional dynamics and sensitivity of an epidemic model with nonlinear convex rate	https://doi.org/10.1016/j.rinp.2023.107089		5.3	Regular	Q2	Q2	2	Dilber Uzun Ozsahin and Hijaz Ahmad
15	INSPEC	INSPEC	Article	Adun, H., Adedeji, M., Ampah, J. D., Olusola, B., Ozsahin, D. U., & Hu, Y. (2023). Novel heat transfer fluid for maximum recovery of heat of compression: A steady state analysis on improving the performance of liquid air energy storage. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 152, 105176.	Novel heat transfer fluid for maximum recovery of heat of compression: A steady state analysis on improving the performance of liquid air energy storage	https://doi.org/10.1016/j.jtice.2023.105176		5.7	Regular	Q1	Q1	1	Dilber Uzun Ozsahin
16	WOS/SCOPUS	SCI-E	Article	Gul, B., Salman Khan, M., Aasim, M., Ifseisi, A. A., Khan, G., & Ahmad, H. (2023). First-Principles Investigation of Novel Alkali-Based Lead-Free Halide Perovskites for Advanced Optoelectronic Applications. <i>ACS Omega</i> .	First-Principles Investigation of Novel Alkali-Based Lead-Free Halide Perovskites for Advanced Optoelectronic Applications	https://doi.org/10.1021/acsomega.3c03756		4.1	Regular	Q2	Q2	1	Hijaz Ahmad
17	SCOPUS		Article	Ali, B., Adam, A. A., & Adamu, A. (2023). An Accelerated Algorithm Involving Quasi- Φ -Nonexpansive Operators for Solving Split Problems. <i>Journal of Nonlinear Modeling & Analysis</i> , 5(1).	An Accelerated Algorithm Involving Quasi- Φ -Nonexpansive Operators for Solving Split Problems	http://jnma.ijournal.cn/ch/reader/view_abstract.aspx?file_no=202111007			Regular	Q3	Q3	1	Adamu, A.
18	WOS/SCOPUS	SCI-E	Article	Alsadat, N., Marei, G. A., Elgarhy, M., Ahmad, H., & Almetwally, E. M. (2023). Bayesian and non-Bayesian analysis with MCMC algorithm of stress-strength for a new two parameters lifetime model with applications. <i>AIP Advances</i> , 13(9).	Bayesian and non-Bayesian analysis with MCMC algorithm of stress-strength for a new two parameters lifetime model with applications.	https://doi.org/10.1063/5.0167295		1.6	Regular	Q2	Q2	1	Hijaz Ahmad
19	SCOPUS		Article	Bharatkumar K. Manvi, Shrivankumar B. Kerur, Jagadish V Tawade, Juan J. Nieto, Sagar Ningonda Sankeshwari, Hijaz Ahmad, Vedyappan Govindan. MHD Casson nanofluid boundary layer flow in presence of radiation and non-uniform heat source/sink[J]. <i>Mathematical Modelling and Control</i> , 2023, 3(3): 152-167	MHD Casson nanofluid boundary layer flow in presence of radiation and non-uniform heat source/sink	http://www.aimspress.com/journal/mmc		1.6	Special			1	Hijaz Ahmad
20	WOS/SCOPUS	SCI-E	Article	Nazam M, Ahmad H, Waheed M, Askar S. On the Perov's type (β, F) -contraction principle and an application to delay integro-differential problem. <i>AIMS Mathematics</i> . 2023;8(10):23871-88	On the Perov's type (β, F) -contraction principle and an application to delay integro-differential problem	http://www.aimspress.com/journal/Math		2.2	Special	Q1	Q2	1	Hijaz Ahmad
21	WOS/SCOPUS	SCI	Article	Esen H, Ozdemir N, Secer A, Bayram M, Sulaiman TA, Ahmad H, Yusuf A, Albalwi MD. On the soliton solutions to the density-dependent space time fractional reaction–diffusion equation with conformable and M-truncated derivatives. <i>Optical and Quantum Electronics</i> . 2023 Oct;55(10):923.	On the soliton solutions to the density-dependent space time fractional reaction–diffusion equation with conformable and M-truncated derivatives	https://link.springer.com/article/10.1007/s11082-023-05109-9		3	Regular	Q2	Q2	1	Hijaz Ahmad
22	WOS/SCOPUS	SCI	Article	Zulfiqar, H., Aashiq, A., Tariq, K. U., Ahmad, H., Almohsen, B., Aslam, M., & Rehman, H. U. (2023). On the solitonic wave structures and stability analysis of the stochastic nonlinear Schrödinger equation with the impact of multiplicative noise. <i>Optik</i> , 289, 171250.	On the solitonic wave structures and stability analysis of the stochastic nonlinear Schrödinger equation with the impact of multiplicative noise	https://doi.org/10.1016/j.jilleo.2023.171250		3.1	Regular	Q2	Q2	1	Hijaz Ahmad
23	WOS/SCOPUS	SCI	Article	Bashir, S., Dawood, A., Hayat, A., Askar, S., Ahmad, Z., Ahmad, H., & Khan, M. A. (2023). Laser-assisted plasma formation and ablation of Cu in a controlled environment. <i>Heliyon</i> , 9(8).	Laser-assisted plasma formation and ablation of Cu in a controlled environment	https://doi.org/10.1016/j.heliyon.2023.e18781		4	Regular	Q1	Q1	1	Hijaz Ahmad
24	SCOPUS	SCIE	Article	Bano, A., Dawood, A., Rida, Saira, F., Malik, A., Alkholief, M., ... & Bazighifan, O. (2023). Enhancing catalytic activity of gold nanoparticles in a standard redox reaction by investigating the impact of AuNPs size, temperature and reductant concentrations. <i>Scientific Reports</i> , 13(1), 12359.	Enhancing catalytic activity of gold nanoparticles in a standard redox reaction by investigating the impact of AuNPs size, temperature and reductant concentrations	https://www.nature.com/articles/s41598-023-38234-2		4.9	Regular	Q1	Q1	1	Hijaz Ahmad
25	WOS/SCOPUS	SCI	Article	Khan, S. U., Khan, A., Ullah, A., Ahmad, S., Awwad, F. A., Ismail, E. A., ... & Ahmad, H. (2023). Solving nth-order integro-differential equations by novel generalized hybrid transform. <i>European Journal of Pure and Applied Mathematics</i> , 16(3), 1940-1955.	Solving nth-order integro-differential equations by novel generalized hybrid transform	https://doi.org/10.29020/nybg.ejpam.v16i3.4840		0.7	Regular	Q4	Q4	1	Hijaz Ahmad
26	WOS/SCOPUS	SCI	Article	El Houda, N. N., Mohammed, B., Essaid, B., Ahmad, I., Ahmad, H., & Askar, S. (2023). Multigrid Methods for The Solution of Nonlinear Variational Inequalities. <i>European Journal of Pure and Applied Mathematics</i> , 16(3), 1956-1969	Multigrid Methods for The Solution of Nonlinear Variational Inequalities	https://doi.org/10.29020/nybg.ejpam.v16i3.4835		0.7	Regular	Q4	Q4	1	Hijaz Ahmad
27	WOS/SCOPUS	SCI	Article	Asmat, F., Asmat, H., Askar, S., Ahmad, H., & Khan, M. I. (2023). On weighted vertex and edge Mostar index for trees and cacti with fixed parameter. <i>European Journal of Pure and Applied Mathematics</i> , 16(3), 1794-1808	On weighted vertex and edge Mostar index for trees and cacti with fixed parameter	https://doi.org/10.29020/nybg.ejpam.v16i3.4722		0.7	Regular	Q4	Q4	1	Hijaz Ahmad
28	WOS/SCOPUS	SCI	Article	Abu-Zinadah, H., Alsulami, M. D., & Ahmad, H. (2023). Application of efficient hybrid local meshless method for the numerical simulation of time-fractional PDEs arising in mathematical physics and finance. <i>The European Physical Journal Special Topics</i> , 1-11.	Application of efficient hybrid local meshless method for the numerical simulation of time-fractional PDEs arising in mathematical physics and finance	https://link.springer.com/article/10.1140/epjs/s11734-023-00946-x		2.8	Regular	Q2	Q2	2	Hijaz Ahmad
29	WOS/SCOPUS	SCIE	Article	Khan, T., Rihan, F. A. & Ahmad, H. Modelling the dynamics of acute and chronic hepatitis B with optimal control. <i>Sci Rep</i> 13, 14980 (2023).	Modelling the dynamics of acute and chronic hepatitis B with optimal control	https://www.nature.com/articles/s41598-023-39582-9		4.9	Regular	Q1	Q1	1	Hijaz Ahmad

30	WOS/SCOP US	SCI	Article	Abid Mahboob, Taswer Hussain, Tasawar Abbas, Ebenezer Bonyah, Muhammad Saad Khan, Bandar Almohsen, Maheen Fatima, Hijaz Ahmad, Zubair Ahmad; Minimal CSS-supplemented subgroups of finite groups. <i>AIP Advances</i> 1 September 2023; 13 (9): 095309.	Minimal CSS-supplemented subgroups of finite groups	https://doi.org/10.1063/5.0156071		1.6	Regular	Q2	Q2	1	Hijaz Ahmad
31	WOS/SCOP US	SCI	Article	Alsadat, N., Elgarhy, M., Tolba, A. H., Elwehidy, A. S., Ahmad, H., & Almetwally, E. M. (2023). Classical and Bayesian estimation for the extended odd Weibull power Lomax model with applications. <i>AIP Advances</i> , 13(9).	Classical and Bayesian estimation for the extended odd Weibull power Lomax model with applications	https://doi.org/10.1063/5.0170848		1.6	Regular	Q2	Q2	1	Hijaz Ahmad
32	WOS/SCOP US	SCI	Article	Murtaza, S., Ahmad, Z., Daher Albalwi, M., Akhtar, Z., Khan, M. A., Ahmad, H., & Baleanu, D. (2023). Caputo Time Fractional Model Based on Generalized Fourier's and Fick's Laws for Brinkman-type Fluid: Exact Solution via Integral Transform. <i>FRACTALS-COMPLEX GEOMETRY PATTERNS AND SCALING IN NATURE AND SOCIETY</i> .	Caputo Time Fractional Model Based on Generalized Fourier's and Fick's Laws for Brinkman-type Fluid: Exact Solution via Integral Transform	https://doi.org/10.1142/S0218348X23401631		4.7	Regular	Q1	Q1	2	Hijaz Ahmad
33	WOS/SCOP US	SCI-E	Article	Moaz, O., Muhib, A., Ahmad, H., & Muhsin, W. (2023). Iterative Criteria for Oscillation of Third-Order Delay Differential Equations with p-Laplacian Operator. <i>Mathematica Slovaca</i> , 73(3), 703-712.	Iterative Criteria for Oscillation of Third-Order Delay Differential Equations with p-Laplacian Operator	https://doi.org/10.1515/ms-2023-0051		1.6	Regular	Q2	Q2	1	Hijaz Ahmad
34	WOS/SCOP US	SCI-E	Article	Yahya, A. U., Siddique, I., Salamat, N., Ahmad, H., Rafiq, M., Askar, S., & Abdal, S. (2023). Numerical study of hybridized Williamson nanofluid flow with TC4 and Nichrome over an extending surface. <i>Open Physics</i> , 21(1), 20220246	Numerical study of hybridized Williamson nanofluid flow with TC4 and Nichrome over an extending surface	https://doi.org/10.1515/phys-2022-0246		1.9	Regular	Q3	Q3	1	Hijaz Ahmad
35	WOS/SCOP US	SCI-E	Article	Eze, M. C., Vafaqi, L. E., Eze, C. T., Tursoy, T., Ozsahin, D. U., & Mustapha, M. T. (2023). Development of a Novel Multi-Modal Contextual Fusion Model for Early Detection of Varicella Zoster Virus Skin Lesions in Human Subjects. <i>Processes</i> , 11(8), 2268.	Development of a Novel Multi-Modal Contextual Fusion Model for Early Detection of Varicella Zoster Virus Skin Lesions in Human Subjects	https://doi.org/10.3390/pr11082268		3.5	Regular	Q2	Q2	1	Hijaz Ahmad
36			Article	Huzaiifa Umar, Abdullahi Garba Usman, Maryam Rabiu Aliyu, Dilber Uzun Ozsahin (2023). Phytofabrication of Zinc Oxide Nanoparticles using <i>Cyprus Mentha Piperita</i> and Evaluation of its Anticancer and Antimicrobial Activity. <i>Eur. Chem. Bull.</i> 12 (6), 7632 – 7638.	Phytofabrication of Zinc Oxide Nanoparticles using <i>Cyprus Mentha Piperita</i> and Evaluation of its Anticancer and Antimicrobial Activity	https://www.eurchembull.com/uploads/paper/f0541329e4704973e0a4d7fd7617ee40.pdf			Regular	Q3	Q3	3	Huzaiifa Umar, Abdullahi Garba Usman, Dilber Uzun Ozsahin
37	WOS/SCOP US	SCI	Article	Khan, S. U., Khan, A., Ullah, A., Ahmad, S., Awwad, F. A., Ismail, E. A. A., Maitama, S., Umar, H., & Ahmad, H. (2023). Solving nth-order Integro-differential Equations by Novel Generalized Hybrid Transform. <i>European Journal of Pure and Applied Mathematics</i> , 16(3), 1940–1955.	Solving nth-order Integro-differential Equations by Novel Generalized Hybrid Transform	https://doi.org/10.29020/nybg.ejpam.v16i3.4840		0.7	Regular	Q4	Q4	1	Umar, Huzaiifa. And Hijaz Ahmad
38			Article	Inuwa, H. M., & Usman, A. (2023, July). An Assessment of the Level of Awareness and Knowledge Towards the Dangers of Climate Change and Energy Transition: Northern Nigeria as a Case Study. In <i>SPE Nigeria Annual International Conference and Exhibition. OnePetro</i> .	An Assessment of the Level of Awareness and Knowledge Towards the Dangers of Climate Change and Energy Transition: Northern Nigeria as a Case Study	https://doi.org/10.2118/217182-MS		3.6	Regular			1	Usman, A.
39	WOS/SCOP US	SCI-E	Article	Shehata, M. S., Ahmad, H., Zahran, E. H., Askar, S., & Ozsahin, D. U. (2023). Isomorphic shut form valuation for quantum field theory and biological population models. <i>Open Physics</i> , 21(1), 20220252.	Isomorphic shut form valuation for quantum field theory and biological population models	https://doi.org/10.1515/phys-2022-0252		1.9	Regular	Q3	Q3	1	Hijaz Ahmad
40	WOS/SCOP US	SCI	Article	Zulfiqar, H., Aashiq, A., Tariq, K. U., Ahmad, H., Almohsen, B., Aslam, M., & Rehman, H. U. (2023). On the solitonic wave structures and stability analysis of the stochastic nonlinear Schrödinger equation with the impact of multiplicative noise. <i>Optik</i> , 171250.	On the solitonic wave structures and stability analysis of the stochastic nonlinear Schrödinger equation with the impact of multiplicative noise	https://doi.org/10.1016/j.ijleo.2023.171250		3.1	Regular	Q2	Q2	1	Hijaz Ahmad
41	WOS/SCOP US	SCI	Article	Esen, H., Ozdemir, N., Secer, A., Bayram, M., Sulaiman, T. A., Ahmad, H., ... & Albalwi, M. D. (2023). On the soliton solutions to the density-dependent space time fractional reaction–diffusion equation with conformable and M-truncated derivatives. <i>Optical and Quantum Electronics</i> , 55(10), 923.	On the soliton solutions to the density-dependent space time fractional reaction–diffusion equation with conformable and M-truncated derivatives	https://link.springer.com/article/10.1007/s11082-023-05109-9		3	Regular	Q2	Q2	1	Hijaz Ahmad
42	WOS/SCOP US	SCI	Article	C+E92:E103ahiskan, A., Zulfarnain, R. M., Gudekli, E., Siddique, I., Ahmad, H., & Askar, S. Structural properties of a new class of stellar structures in modified teleparallel gravity. <i>Frontiers in Astronomy and Space Sciences</i> , 10, 1203777.	Structural properties of a new class of stellar structures in modified teleparallel gravity	https://doi.org/10.3389/fspas.2023.1203777		3	Regular	Q2	Q2	1	Hijaz Ahmad
43	SCOPUS		Article	Ozsahin, D. U., Onakpojeruo, E. P., Uzun, B., & Ozsahin, I. (2023, February). Selection Methods for the Treatment of Spinal Cord Tumors Using Analytical Evaluation Models. In <i>2023 Advances in Science and Engineering Technology International Conferences (ASET)</i> (pp. 01-07). IEEE.	Selection Methods for the Treatment of Spinal Cord Tumors	10.1109/ASET56582.2023.10180782		14.91	Regular		Q1	5	Dilber Uzun Ozsahin, Efe PRECIOUS Onakpojeruo, Berna Uzun, Ilker Ozsahin
44	SCOPUS		Article	Ozsahin, D. U., Onakpojeruo, E. P., Duwa, B. B., Uzun, B., Ozsahin, I., & Chioma, E. C. (2023, February). Comparative Evaluation of 3D Filaments Used in Additive Manufacturing of Biomedical Tools; Using Fuzzy PROMETHEE. In <i>2023 Advances in Science and Engineering Technology International Conferences (ASET)</i> (pp. 1-7). IEEE.	Comparative Evaluation of 3D Filaments Used in Additive Manufacturing of Biomedical Tools	https://doi.org/10.21203/rs.3.rs-2020207/v1		14.91	Regular		Q1	5	Basil B. Duwa, Efe PRECIOUS Onakpojeruo, Berna Uzun, Ilker Ozsahin, Dilber Uzun Ozsahin

45	SCOPUS		Article	Ozsahin, D. U., Onakpojeruo, E. P., & Uzun, B. (2023, February). Hydrogel-Based Drug Delivery Nanoparticles with Conventional Treatment Approaches for Cancer Tumors; A Comparative Study Using MCDM Technique. In <i>2023 Advances in Science and Engineering Technology International Conferences (ASET)</i> (pp. 1-9). IEEE.	Hydrogel-Based Drug Delivery Nanoparticles with Co	10.21203/rs.3.rs-2116197/v1		14.91	Regular		Q1	3	Efe Precious Onakpojeruo, Berna Uzun, Dilber Uzun Ozsahin
46	WOS+SCOPUS	SCIE	Article	O. I., E. P. O., B. U., D. U. O., & T. A. B. (2023). A Multi-Criteria Decision Aid Tool for Radiopharmaceut	A Multi-Criteria Decision Aid Tool for Radiopharmaceut	10.3390/pharmaceutics15041304		5.4	Special	Q1	Q1	4	Ilker Ozsahin,Efe Precious Onakpojeruo, Berna Uzun,Dilber Uzun Ozsahin
47	WOS+SCOPUS	SCIE	Article	U. O. D., P. O. E., B. D. B., U. A. G., I. A. S., & U. B. (2023). COVID-19	COVID-19 Prediction Using Black-Box Based Pearson	10.3390/diagnostics13071264		3.6	Special	Q2	Q2	5	Dilber Uzun Ozsahin, Efe Precious Onakpojeruo, Basil Bartholomew Duwa, Abdullahi Garba Usman, Berna Uzun
48	WOS+SCOPUS	SCIE	Article	A. S. I., B. M., U. A. G., O. D. U., T. B., & A. I. H. (2023). Mapping of gr	Mapping of groundwater salinization and modelling us	10.1016/j.scitotenv.2022.159697		9.8	Regular	Q1	Q1	2	A.G. Usman, Dilber Uzun Ozsahin
49	WOS+SCOPUS	SCIE	Review	U. O. D., I. E. D., U. B., & O. I. (2023). The Systematic Review of Artifici	The Systematic Review of Artificial Intelligence Appli	10.3390/diagnostics13010045		3.6	Special	Q2	Q2	4	Dilber Uzun Ozsahin,Declan Ikechukwu Emegano,Berna Uzun, Ilker Ozsahin
50	WOS+SCOPUS	SCIE	Article	U. O. D., M. M. T., U. B., D. B., & O. I. (2023). Computer-Aided Detecti	Computer-Aided Detection and Classification of Monk	10.3390/diagnostics13020292		4.6	Special	Q2	Q2	5	Dilber Uzun Ozsahin,Mubarak Taiwo Mustapha,Berna Uzun,Basil Duwa, Ilker Ozsahin
51	WOS+SCOPUS	ESCI	Article	D. J., A. A., I. A.H. et al.(2023). Relaxed viscosity-type iterative methods	Relaxed viscosity-type iterative methods with applicat	10.1007/s41478-022-00547-2		0.8			Q3	1	Abubakar Adamu
52	WOS+SCOPUS	SCIE	Article	U. O. D., O. E. P., U. B., M. M. T., & O. I. (2023). Mathematical Assessm	Mathematical Assessment of Machine Learning Model	10.3390/diagnostics13040618		3.6	Special	Q2	Q2	5	Dilber Uzun Ozsahin,Efe Precious Onakpojeruo,Berna Uzun,Mubarak Taiwo Mustapha, Ilker Ozsahin
53	SCOPUS		Article	E. P. O., F. A.T., M. T. M., C. A. & D. U. O.(2023). Emerging AI and clou	Emerging AI and cloud computing paradigms applied	10.1049/icp.2022.2557			Regular			5	E. P. Onakpojeruo; F. Al-Turjman; M. T. Mustapha; C. Altrjman; D. U. Ozsahin
54	WOS+SCOPUS	SCIE	Article	A. U., A. H., & A.Z. H. (2022). Soliton solutions for nonlinear variable-or	Soliton solutions for nonlinear variable-order fractiona	10.1016/j.joes.2022.06.011		7.1	Regular	Q1	Q2	1	Hijaz Ahmad
55	WOS+SCOPUS	SCIE	Article	B., T., M., M., A., H., T., P.(2023). Existence of coupled systems for impu	Existence of coupled systems for impulsive of Hilfer fi	10.2298/FIL.2302531B		0.8	Regular	Q2	Q3	1	Hijaz Ahmad
56	WOS+SCOPUS	SCIE	Article	B. U., V. P. K., Y. S. W., & A. H. (2023). The Behavior of Shear Waves in	The Behavior of Shear Waves in the Composite Multi-	10.3390/sym15020491		2.7	Special	Q2	Q2	1	Hijaz Ahmad
57	WOS+SCOPUS	SCIE	Article	T. F., A. H., A. H., S. T., A. Z. H., & M. Y.(2023). 3D numerical study and	3D numerical study and comparison of thermal-flow p	10.1016/j.joes.2022.02.009		7.1	Regular	Q1	Q2	1	Hijaz Ahmad
58	WOS+SCOPUS	SCIE	Article	A. A., C. C.E., K. D., & K. P. (2023). Geometric inequalities for solving v	Geometric inequalities for solving variational inequalit	10.23952/jnva.7.2023.2.07		2.9	Regular	Q1	Q1	1	Abubakar Adamu
59	SCOPUS		Article	D. B. B., K. A., U. B., K. Ş., & O. D. U. (2023). Evaluation of Techniques	Evaluation of Techniques Used in Phenol Removal fro	10.1007/978-3-031-25252-5_40			Regular			5	Basil Bartholomew Duwa, AyşeGünay Kibarer, Berna Uzun, Şerife Kaba & Dilber Uzun Ozsahin
60	WOS+SCOPUS	SCIE	Review	S. R., K. S., S. S., S. G. C., R. N. D., L. R. D., S. R., B. U., R. K., D. U. O	Systematic Review on Diagnostic Reference Levels fo	10.3390/diagnostics13061072		3.6	Special	Q2	Q2	2	Berna Uzun, Dilber Uzun Ozsahin
61	WOS+SCOPUS	SCIE	Article	D. P., A. A., & K. P. (2023). A generalized Halpern-type forward-backwar	A generalized Halpern-type forward-backward splitting	10.3934/math.2023559		2.2	Special	Q1	Q2	1	Abubakar Adamu
62	WOS+SCOPUS	SCIE	Article	W. Z. B., S. P., A. A., & C. P. (2023). Modified accelerated Bregman proje	Modified accelerated Bregman projection methods for	10.1080/02331934.2023.2187663		2.2		Q1	Q1	1	Abubakar Adamu
63	WOS+SCOPUS	SCIE	Article	D. J. E., U. O. D., & O. I. (2023). Developing diagnostic reference levels	Developing diagnostic reference levels for CT examin	10.1093/rpd/ncac263		1	Regular	Q4	Q3	2	Dilber Uzun Ozsahin, Ilker Ozsahin
64	WOS+SCOPUS	SCIE	Article	A. S. I., B. M., U. A. G., & A. I. H. (2023). Sandstone groundwater saliniz	Sandstone groundwater salinization modelling using p	10.1016/j.asej.2022.101894		6	Regular	Q1	Q1	1	A.G. Usman
65	WOS+SCOPUS	SCIE	Article	B. K., E. I., U. A. G., & A. S. I. (2023). Artificial-Intelligence-Based Mod	Artificial-Intelligence-Based Models Coupled with Co	10.3390/life13030715		3.2	Regular	Q2	Q2	2	Kabiru Bala, Ilker Etikan, A. G. Usman
66	WOS+SCOPUS	SCI	Article	S. M., S. N., & S. T. (2023). Dynamics of Rilpivirine Resistance-Associat	Dynamics of Rilpivirine Resistance-Associated Mutati	10.1089/aid.2022.0065		1.5	Regular	Q4	Q3	3	Murat Sayan, Nazife Sultanoglu, and Tamer Sanlidag
67	SCOPUS		Article	A. A., K. P., K. D., & P. A. (2023). A Tseng-type algorithm for approxima	A Tseng-type algorithm for approximating zeros of mo	10.1186/s13663-023-00741-2		0.9	Regular		Q2	1	Abubakar Adamu,
68	WOS+SCOPUS	SCIE	Article	A. U., A. H., & A.Z. H. (2022). Soliton solutions for nonlinear variable-or	Soliton solutions for nonlinear variable-order fractiona	10.1016/j.joes.2022.06.011		7.1	Regular	Q1	Q2	1	Hijaz Ahmad
69	WOS+SCOPUS	SCIE	Article	B. T., M. M., A. H., & T. P., (2023). Existence of coupled systems for imp	Existence of coupled systems for impulsive of Hilfer fi	10.2298/FIL.2302531B		0.8	Regular	Q2	Q3	1	Hijaz Ahmad
70	WOS+SCOPUS	SCIE	Article	B. U., V. P. K., Y. S. W., & A. H. (2023). The Behavior of Shear Waves in	The Behavior of Shear Waves in the Composite Multi-	10.3390/sym15020491		2.7	Special	Q2	Q2	1	Hijaz Ahmad
71	WOS+SCOPUS	SCIE	Article	T. F., A. H., A. H., S. T., A. Z. H., & M. Y. (2022). 3D numerical study and	3D numerical study and comparison of thermal-flow p	10.1016/j.joes.2022.02.009		7.1	Regular	Q1	Q2	1	Hijaz Ahmad
72	WOS+SCOPUS	SCIE	Article	M. S., A. Z., A. I. E., A. Z., T. F., A. H., & Y. S. W. (2023). Analysis and N	Analysis and Numerical Simulation of Fractal-Fraction	10.1016/j.jksus.2023.102618		3.8	Regular	Q2	Q1	1	Hijaz Ahmad
73	WOS+SCOPUS	SCIE	Article	O. A. M., A. H., S. S. O., O. O. A., O. C. B., A. A. O., & A. A. (2023). Im	Improvement of mechanical energy using thermal effi	10.1080/17455030.2023.2184642		6.4	Regular	Q1	Q2	1	Hijaz Ahmad

74	WOS+SCOPUS	SCIE	Article	Y. I. I., E.M. H., T. D. T., & A. H. (2023). Behavior of Solutions to the Fuzzy Difference Equation	Behavior of Solutions to the Fuzzy Difference Equation	10.1134/S0001434623010327	0.6	Regular	Q4	Q2	1	Hijaz Ahmad
75	WOS+SCOPUS	SCIE	Article	N. A., A. K. M., K. K. A., A. H., & Q. A. T., (2023). Hardy-Leindler type	Hardy-Leindler type inequalities for multiple integrals	10.1515/ms-2023-0028	1.6	Regular	Q2	Q2	1	Hijaz Ahmad
76	WOS+SCOPUS	SCIE	Article	K. N., A. Z., S. J. M. S., A. M. D., A. H., B. J., & Y. S.W., (2023). Dynam	Dynamics of chaotic system based on circuit design w	10.1038/s41598-023-32099-1	4.6	Regular	Q2	Q1	1	Hijaz Ahmad
77	WOS+SCOPUS	ESCI	Article	H. I. U., A. N., & A. H. (2022). Analysis of a chaotic system using fractal	Analysis of a chaotic system using fractal-fractional de	10.3934/mmc.2022019	1.6	Regular			1	Hijaz Ahmad
78	WOS+SCOPUS	SCIE	Article	A. M., R. M. E., A. H., A. M., R. M. E., A. H., & B. T. (2023). Correction	Correction: Sobolev-type nonlinear Hilfer fractional st	10.3934/math.2023460	2.2	Regular	Q1	Q2	1	Hijaz Ahmad
79	WOS+SCOPUS	SCIE	Article	A. I., A. H., & I. M. (2023). Performance of meshless method of lines for	Performance of meshless method of lines for the soluti	10.2298/TSCI23S1383A	1.7	Special	Q3	Q3	1	Hijaz Ahmad
80	WOS+SCOPUS	SCIE	Article	A. B., A. I., A. B., A. H., & O. D. U. (2023). Numerical simulations of tim	Numerical simulations of time-fractional PDES arising	10.2298/TSCI23S1263A	1.7	Special	Q3	Q3	1	Hijaz Ahmad
81	WOS+SCOPUS	SCIE	Article	J. S., I. T., A. H., T. F. & Z. Y. (2023). New soliton solutions of modified (New soliton solutions of modified (3+1)-D Wazwaz-B	10.1515/phys-2022-0229	1.9	Regular	Q3	Q3	1	Hijaz Ahmad
82	WOS+SCOPUS	SCIE	Article	K. A., N. M., J. N., A. S. & A. H. (2023). Adomian decomposition method	Adomian decomposition method for solution of fourte	10.1515/phys-2022-0236	1.9	Regular	Q3	Q3	1	Hijaz Ahmad
83	WOS+SCOPUS	SCIE	Article	A. B., S. I., A. H., & A. S. (2023). Influence of nanoparticles aggregation	Influence of nanoparticles aggregation and Lorentz for	10.1038/s41598-023-31771-w	4.6	Regular	Q2	Q1	1	Hijaz Ahmad
84	WOS+SCOPUS	SCIE	Article	R. R., A. H., Z. Y. H., M. Y., & L. G. (2023). Numerical assessment of an	Numerical assessment of an air-heat exchanger channe	10.2298/TSCI23S1343R	1.7	Special	Q3	Q3	1	Hijaz Ahmad
85	WOS+SCOPUS	SCIE	Article	S. H. Z., A. K., Z. Y. H., A. H., M. Y., & L. G. (2023). Effect of obstacles	Effect of obstacles on turbulent flows in a rectangular	10.2298/TSCI23S1333S	1.7	Special	Q3	Q3	1	Hijaz Ahmad
86	WOS+SCOPUS	SCIE	Article	N. R., F. S., A. M., A. I., A. H., J. N., & S. W. (2023). Simulation of fracti	Simulation of fractional differential difference equation	10.2298/TSCI23S1111N	1.7	Special	Q3	Q3	1	Hijaz Ahmad
87	WOS+SCOPUS	SCIE	Article	R. N., R. A., L. Z. L., H. A., M. F., I. A., C. T., W. S. (2023). New approxi	New approximate solutions to time fractional order pa	10.2298/TSCI23S1009N	1.7	Special	Q3	Q3	1	Hijaz Ahmad
88	WOS+SCOPUS	SCIE	Article	I. H., S. M., A. I., A. H., T. C., & S. W. (2023). Simulation of generalized	Simulation of generalized time fractional Gardner equa	10.2298/TSCI23S1121I	1.7	Special	Q3	Q3	1	Hijaz Ahmad
89	WOS+SCOPUS	SCIE	Article	A. M., K. A. A., D. S., A. I., A. H., J. N., & S. W. (2023). The Haar wavel	The Haar wavelets based numerical solution of Reccat	10.2298/TSCI23S1093A	1.7	Special	Q3	Q3	1	Hijaz Ahmad
90	WOS+SCOPUS	SCIE	Article	S. M., K. M. N., A. I., A. H., J. N., & S. W. (2023). Local meshless colloc	Local meshless collocation scheme for numerical simu	10.2298/TSCI23S1101S	1.7	Special	Q3	Q3	1	Hijaz Ahmad
91	WOS+SCOPUS	SCIE	Article	H. Z. S., A. K., A. A., J. R., A. J., M. Y., & A. H. (2023). Numerical invest	Numerical investigation of the interaction between the	10.2298/TSCI23S1365S	1.7	Special	Q3	Q3	1	Hijaz Ahmad
92	WOS+SCOPUS	SCIE	Article	W. F., S. A. N., A. I., A. H., A. K. M., & T. P. (2023). Solution of burgers'	Solution of burgers' equation appears in fluid mechani	10.2298/TSCI210302343W	1.7	Special	Q3	Q3	1	Hijaz Ahmad
93	WOS+SCOPUS	SCIE	Article	T. I., S. A. UIH. B., G. A., J. B., H. A., H. T., S. M., Z. A. & X.Z. Z. (202	Wiener Polarity and Wiener Index of Double Generaliz	10.1016/j.jksus.2023.102680	3.8	Regular	Q2	Q1	1	Hijaz Ahmad
94	WOS+SCOPUS	SCIE	Article	F. K., A. S., P. A., H. A., Y. S. W., & A. H. (2023). Pure-cubic optical solit	Pure-cubic optical solitons to the Schrödinger equation	10.1016/j.rinp.2023.106412	5.3	Regular	Q2	Q2	1	Hijaz Ahmad
95	WOS+SCOPUS	SCIE	Article	Z. R. M., S. I., M. A., A. H., A. S., & G. S. H. (2023). Optimizing constru	Optimizing construction company selection using einst	10.1038/s41598-023-32818-8	4.6	Regular	Q2	Q1	1	Hijaz Ahmad
96	IEEE		article	Ubah, A. E., Onakpojeruo, E. P., Ajamu, J., Mangai, T. R., Isa, A. M., Aya	A Review of Artificial Intelligence in Education	10.1109/AIoTcs58181.2022.00104					7	Adaeze Eveln Ubah, Efe Precious Onakpojeruo, Janet Ajamu, Teyei Ruth Mangai, Adam Muhammad Isa, Nurudeen Bode Ayansina, Fadi Al-Turjman
97	WOS+SCOPUS	SCIE	article	Rezazadeh, H., Zabih, A., Davodi, A. G., Ansari, R., Ahmad, H., & Yao,	New optical solitons of double Sine-Gordon equation	https://doi.org/10.1016/j.rinp.2023.106452	5.3	Regular	Q2	Q2	1	Hijaz Ahmad
98	WOS+SCOPUS	SCIE	article	Pashrashid, Arash, Gómez S., Cesar A., Mirhosseini-Alizamini, Seyed M.	On traveling wave solutions to Manakov model with v	10.1515/phys-2022-0235	1.9	Regular	Q3	Q3	1	Hijaz Ahmad
99	SCOPUS		article	Ubah, A. E., Onakpojeruo, E. P., Ajamu, J., Mangai, T. R., Isa, A. M., Ayansina, N. B., & Al-Turjman, F. (2022, October). Biometrics Authentication Techniques in E-Learning Assessment. In <i>2022 International Conference on Artificial Intelligence of Things and Crowdsensing (AIoTCs)</i> (pp. 126-132). IEEE.	Biometrics Authentication Techniques in E-Learning A	10.1109/AIoTcs58181.2022.00105	14.91	Regular		Q1	7	Adaeze Eveln Ubah; Efe Precious Onakpojeruo; Janet Ajamu; Teyei Ruth Mangai; Adam Muhammad Isa; Nurudeen Bode Ayansina; Fadi Al-
100	WOS	ESCI	article	Applications in Engineering Science Volume 15, September 2023, 100133.Implementation of nonlinear compu	Applications in Engineering Science Volume 15, September 2023, 100133.Implementation						1	A.G. Usman

101	SCOPUS	SCI	article	Ozsahin, I., Onakpojeruo, E. P., Uzun, B., Ozsahin, D. U., & Butler, T. A. (2023). Radiopharmaceutical selection for tau PET imaging. <i>Alzheimer's & Dementia</i> , 19, e075631.	Radiopharmaceutical selection for tau PET imaging.	https://doi.org/10.1002/alz.075631	14	Issue	Q1	Q1	4	Ozsahin, I., Onakpojeruo, E. P., Uzun, B., Ozsahin, D. U.
102	WOS	SCIE	article	Intelligent optimization for modelling superhydrophobic ceramic membra	Intelligent optimization for modelling superhydrophobic	https://doi.org/10.1016/j.chemosphere.2023.138726	8.8	Regular	Q1	Q1	1	A.G. Usman
103	WOS	SCIE	article	Modeling the role of public health intervention measures in halting the tra	Modeling the role of public health intervention measur	10.3934/math.2023723	2.2	Special	Q1	Q1	1	Mustafa
104	WOS	SCIE	article	Palliative Care Landscape in the COVID-19 Era: Bibliometric Analysis of	Palliative Care Landscape in the COVID-19 Era: Bibli	https://doi.org/10.3390/healthcare10071344	2.8		Q2	Q2	1	Salihu Sabiu Musa
105	WOS	SCI	article	Unfolding the Transmission Dynamics of Monkeypox Virus: Mohammed	Unfolding the Transmission Dynamics of Monkeypox	https://doi.org/10.3390/math11051121	2.4		Q1	Q1	1	Salihu S. Musa
106	WOS	SCIE	article	Static and Dynamic Analysis of a Continuous Bioreactor Model for the Pr	Static and Dynamic Analysis of a Continuous Bioreact	https://doi.org/10.3390/math10162842	2.4		Q1	Q1	1	Salihu S. Musa
107				Unravelling the dynamics of the COVID-19 pandemic with the effect of v	Unravelling the dynamics of the COVID-19 pandemic	https://doi.org/10.1016/j.rinp.2022.105715	5.3		Q2	Q2	1	Salihu S. Musa
108			article	Transmission Dynamics of Monkeypox Virus in Nigeria during the Curren	Transmission Dynamics of Monkeypox Virus in Niger	10.3390/vaccines10122153	7.8		Q1	Q1	1	Salihu Sabiu Musa
109	WOS	SCIE	article	Prediction of Cell Migration in MDA-MB 231 and MCF-7 Human Breast	Prediction of Cell Migration in MDA-MB 231 and MC	https://doi.org/10.3390/ph16060858	4.6				3	Huzaiifa Umar ,Abdullahi Garba Usman, Dilber Uzun Ozsahin
110	WOS+SCOPUS	SCIE	article	Butt, A. R., Raza, N., Ahmad, H., Ozsahin, D. U., & Tchier, F. (2023). Dif	Different solitary wave solutions and bilinear form for	https://doi.org/10.1016/j.ijleo.2023.171031	3.1		Q2	Q2	2	Dilber Uzun Ozsahin, Hijaz Ahmad
111	WOS	SCIE	article	Fluoride and nitrate enrichment in coastal aquifers of the Eastern Provinc	Fluoride and nitrate enrichment in coastal aquifers of t	https://doi.org/10.1016/j.chemosphere.2023.139083	8.8		Q1	Q1	1	A.G. Usman
112	WOS+SCOPUS	SCIE	article	Ahmad, H., Ozsahin, D. U., Farooq, U., Fahmy, M. A., Albalwi, M. D., &	Comparative analysis of new approximate analytical m	https://doi.org/10.1016/j.rinp.2023.106623	5.3	Regular	Q2	Q2	1	Hijaz Ahmad, Dilber Uzun Ozsahin
113				Antibacterial Properties of Medicinal Plants. Recent Trends, Progress, and	Antibacterial Properties of Medicinal Plants	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003137955-2/antibacterial-properties-medicinal-plants-limenew-abate-archana-bachhetti-rakesh-kumar-bachhetti-azamal-husen	NIL					Limenew Abate, Archana Bachhetti, Rakesh Kumar Bachhetti, Azamal Husen
114				Usman, A. G., Usanase, N., Abba, S. I., Ozsahin, I., Uzun, B., Yassin, M. A., ... & Ozsahin, D. U. (2023). Environmental modelling of CO concentration using AI-based approach supported with filters feature extraction: a direct and inverse chemometrics-based simulation. <i>Sustainable Chemistry for the Environment</i> , 100011.	Environmental modelling of CO concentration using A	https://doi.org/10.1016/j.scenv.2023.100011					5	A.G. Usman , Natacha Usanase , S. I. Abba c, Ilker Ozsahin , Berna Uzun , Mohamed A. Yassin , Syed Masiur Rahman , Dilber Uzun Ozsahin
115	WOS	SCIE	article	Two-step inertial method for solving split common null point problem wit	Two-step inertial method for solving split common nul	10.3934/math.20231030	2.2	Special	Q1	Q1	1	Abubakar Adamu
116	WOS+SCOPUS	SCIE	article	New diverse exact optical solutions of the three dimensional Zakharov–K	New diverse exact optical solutions of the three dimen	https://doi.org/10.1007/s11082-023-04909-3	3	Regular	Q2	Q2	2	Dilber Uzun Ozsahin, Hijaz Ahmad
117	WOS+SCOPUS	SCIE		Latha, K. B. S., Reddy, M. G., Tripathi, D., Bé, O. A., Kuharat, S., Ahma	Computation of stagnation coating flow of electro-con	https://doi.org/10.1038/s41598-023-37197-8	4.6	Regular	Q2	Q2	2	Hijaz Ahmad, Dilber Uzun Ozsahin
118	WOS	SCIE	article	Accelerating SARS-CoV-2 Vaccine Development: Leveraging Novel Hy	Accelerating SARS-CoV-2 Vaccine Development: Lev	https://doi.org/10.3390/pr11061829	3.5		Q2	Q2	4	Zubaida Said Ameen, Hala Mostafa, Dilber Uzun Ozsahin, Auwalu Saleh Mubarak
119			conference paper	Alzheimer's Association International Conference.Comparative evaluatio	Comparative evaluation of FDA-approved drugs for m						4	Ilker Ozsahin, Efe Precious Onakpojeruo, Berna Uzun, Dilber Uzun Ozsahin
120	WOS+SCOPUS	SCIE	article	Computation of stagnation coatingflow of electro-conductive ternaryWill	Computation of stagnation coatingflow of electro-cond	10.1038/s41598-023-37197-8	4.6	Regular	Q2	Q2	2	Hijaz Ahmad, Dilber Uzun Ozsahin
121	WOS	SCIE	article	Juxtaposing Sub-Sahara Africa's energy poverty and renewable energy po	Juxtaposing Sub-Sahara Africa's energy poverty and re	https://doi.org/10.1038/s41598-023-38642-4	4.6		Q2	Q2	1	Dilber Uzun Ozsahin
122	WOS+SCOPUS	SCIE	article	New diverse exact optical solutions of the three-dimensional Zakharov–K	New diverse exact optical solutions of the three dimen	https://doi.org/10.1007/s11082-023-04909-3	3	Regular	Q2	Q2	2	Dilber Uzun Ozsahin, Hijaz Ahmad ,
123	WOS+SCOPUS	SCIE	ISSUE	New impressive performances for the analytical solutions to the (1 + 1)-d	New impressive performances for the analytical soluti	https://doi.org/10.1016/j.rinp.2023.106667	5.3	Regular	Q2	Q2	2	Hijaz Ahmad , Dilber Uzun Ozsahin
124	WOS	SCIE	REVIEW	Systematic Review on Diagnostic Reference Levels for Computed Tomog	Systematic Review on Diagnostic Reference Levels fo	doi: 10.3390/diagnostics13061072.			Q2	Q2	2	Berna Uzun , Dilber Uzun Ozsahin

125				A comparative analysis of DOACs vs warfarin for venous thromboembolism	A comparative analysis of DOACs vs warfarin for venous thromboembolism	10.9739/tjvs.2022.09.018										5	Ozlem Balcioglu, Natacha Usanase, Berna Uzun, Ilker Ozsahin, Dilber Uzun Ozsahin
126	IEEE	IEEE	conference paper	Comparative evaluation of blood conservation techniques in cardiovascular surgery Conference Location: Dubai, United Arab Emirates February 2023 Date Added to IEEE Xplore: 20 July 2023	Comparative evaluation of blood conservation techniques in cardiovascular surgery Conference Location: Dubai, United Arab Emirates February 2023 Date Added to IEEE Xplore: 20 July 2023	10.1109/ASET56582.2023.10180430										6	Ozlem Balcioglu; Declan Ikechukwu Emegano; Berna Uzun; Türker Şahin; Ilker Ozsahin; Dilber Uzun Ozsahin
127	IEEE	IEEE	conference paper	Classification Comparison of Machine Learning Algorithms Using Support Vector Machines	Classification Comparison of Machine Learning Algorithms Using Support Vector Machines	10.1109/ASET56582.2023.10180521										2	Meliz Yuvali, Dilber Uzun Ozsahin
128	IEEE	IEEE	conference paper	The Efficacy and Safety of Direct Oral Anticoagulants for The Treatment of Venous Thromboembolism	The Efficacy and Safety of Direct Oral Anticoagulants for The Treatment of Venous Thromboembolism	10.1109/ASET56582.2023.10180505										5	Dilber Uzun Ozsahin, Natacha Usanase, Berna Uzun, Ilker Ozsahin, Ozlem Balcioglu
129	IEEE	IEEE	conference paper	Evaluating Different Types of Treatment for Osteoporosis Using Fuzzy Probability Conference Location: Dubai, United Arab Emirates February 2023 Date Added to IEEE Xplore: 20 July 2023	Evaluating Different Types of Treatment for Osteoporosis Using Fuzzy Probability Conference Location: Dubai, United Arab Emirates February 2023 Date Added to IEEE Xplore: 20 July 2023	10.1109/ASET56582.2023.10180646										4	Sharmain Dube, Berna Uzun, Dilber Uzun Ozsahin, Meliz Yuvali
130	SCOPUS		Article	Medical Reports Summarization Using Text-To-Text Transformer.40)Heliyon Conference Location: Dubai, United Arab Emirates February 2023 Date Added to IEEE Xplore: 20 July 2023	Medical Reports Summarization Using Text-To-Text Transformer.40)Heliyon Conference Location: Dubai, United Arab Emirates February 2023 Date Added to IEEE Xplore: 20 July 2023	10.1109/ASET56582.2023.10180671										1	Dilber Uzun Ozsahin.
131	WOS	SCIE	article	An Alternative Diagnostic Method for C. neoformans: Preliminary Results	An Alternative Diagnostic Method for C. neoformans: Preliminary Results	https://doi.org/10.3390/diagnostics13010081		3.6		Q2	Q2					4	Ayse Seyer Cagatan, Mubarak Taiwo Mustapha, Cemile Bagkur, Tamer Sanlidag and Dilber Uzun Ozsahin
132	WOS+SCOPUS	SCIE	article	Sustainable practices to reduce environmental impact of industry using in 2023, Volume 8, Issue 6: 14644-14683.	Sustainable practices to reduce environmental impact of industry using in 2023, Volume 8, Issue 6: 14644-14683.	10.3934/math.2023750		2.2	Special	Q1	Q1					1	Hijaz Ahmad,
133	WOS+SCOPUS	SCIE	article	Ghafoor, A., Sardar, S., Ullah, A., Hussain, M., Ahmad, H., Awwad, F. A., & Nofal, T. A. (2023). New waves solutions of the (2+ 1)-dimensional generalization of the Burgers equation via the homotopy perturbation method. <i>Mathematics</i> , 11(17), 3178-3184.	Simulations of the one and two dimensional nonlinear Burgers equation via the homotopy perturbation method	https://doi.org/10.1016/j.rinp.2023.106466		5.3	Regular	Q2	Q2					1	Hijaz Ahmad
134	WOS+SCOPUS	SCIE	article	Khaliq, S., Ahmad, S., Ullah, A., Ahmad, H., Saifullah, S., & Nofal, T. A. (2023). Homotopy perturbation method-based soliton solutions for the Burgers equation. <i>Mathematics</i> , 11(17), 3178-3184.	New waves solutions of the (2+ 1)-dimensional generalization of the Burgers equation via the homotopy perturbation method	https://doi.org/10.1016/j.rinp.2023.1178154		5.3	Regular	Q2	Q2					1	Hijaz Ahmad
135	WOS+SCOPUS	SCIE	article	Qayyum M, Ahmad E, Tauseef Saeed S, Ahmad H and Askar S (2023) Homotopy perturbation method-based soliton solutions for the Burgers equation. <i>Mathematics</i> , 11(17), 3178-3184.	Homotopy perturbation method-based soliton solutions for the Burgers equation	https://doi.org/10.3389/fphy.2023.1178154		3.1	Regular	Q2	Q2					1	Hijaz Ahmad
136	WOS+SCOPUS	SCIE	issue vol 8	Adel, M., Khader, M. M., Ahmad, H., & Assiri, T. A. (2023). Approximate analytical solutions for the blood ethanol concentration. <i>Mathematics</i> , 11(17), 3178-3184.	Approximate analytical solutions for the blood ethanol concentration	10.3934/math.2023974		2.2	Special	Q1	Q1					1	Hijaz Ahmad
137	WOS+SCOPUS	SCIE	issue	Ullah, I., Ullah, A., Ahmad, S., Ahmad, H., & Nofal, T. A. (2023). A survey of KdV-CDG equations via nonsingular fractional calculus. <i>Mathematics</i> , 11(17), 3178-3184.	A survey of KdV-CDG equations via nonsingular fractional calculus	10.3934/math.2023966		2.2	Special	Q1	Q1					1	Hijaz Ahmad
138	WOS+SCOPUS	SCIE	article	Hashemi, M. S., Mirzazadeh, M., & Ahmad, H. (2023). A reduction technique to solve the (2+ 1)-dimensional Burgers equation. <i>Mathematics</i> , 11(17), 3178-3184.	A reduction technique to solve the (2+ 1)-dimensional Burgers equation	10.1007/s11082-023-04917-3		3	Regular	Q2	Q2					1	Hijaz Ahmad
139	WOS+SCOPUS	SCIE	article	Ahmad, H., Khan, M. N., Ahmad, I., Omri, M., & Alotaibi, M. F. (2023). A meshless method for numerical solutions of linear advection-diffusion equation. <i>Mathematics</i> , 11(17), 3178-3184.	A meshless method for numerical solutions of linear advection-diffusion equation	10.3934/math.20231003		2.2	Special	Q1	Q1					1	Hijaz Ahmad
140	WOS+SCOPUS	SCIE	issue	Megahid, S. F., Abouelregal, A. E., Ahmad, H., Fahmy, M. A., & Abu-Zinab, M. (2023). A generalized More-Gibson-Thomson heat transfer model. <i>Mathematics</i> , 11(17), 3178-3184.	A generalized More-Gibson-Thomson heat transfer model	https://doi.org/10.1016/j.rinp.2023.106619		5.3	Regular	Q2	Q2					1	Hijaz Ahmad
141	WOS+SCOPUS	SCIE	Article	J. U., S. I. A., N. B. I., T. E. B., H. A., A. G., B. A. S. f., A. G. U., M. B., M. (2023). Genetic neuro-computing model for insights on membership functions. <i>Mathematics</i> , 11(17), 3178-3184.	Genetic neuro-computing model for insights on membership functions	10.1016/j.cherd.2023.09.027		3.9	Regular	Q2	Q2					1	A.G. Usman
142	WOS+SCOPUS	SCIE	Article	B. S. A., M. S. Y., O. O. M. A. A., Y. A. D., A. G. U., J. U., & S. I. A. (2023). Sustainable Green Building Awareness: A Case Study of a Green Building. <i>Mathematics</i> , 11(17), 3178-3184.	Sustainable Green Building Awareness: A Case Study of a Green Building	10.3390/buildings13092387		3.8	Special	Q2	Q1					1	A.G. Usman
143	WOS+SCOPUS	ESCI	Article	Y. M. A., U. A. G., A. S. I., O. D. U., & A. I. H. (2023). Intelligent learning algorithms integrated with feature selection for classification. <i>Mathematics</i> , 11(17), 3178-3184.	Intelligent learning algorithms integrated with feature selection for classification	10.1016/j.rineng.2023.101434		5	Regular		Q2					2	A.G. Usman & Dilber Uzun Ozsahin
144	WOS+SCOPUS	SCIE	Review	U. N., U. B., O. D. U., & O. I. (2023). A look at radiation detectors and their applications in nuclear medicine. <i>Mathematics</i> , 11(17), 3178-3184.	A look at radiation detectors and their applications in nuclear medicine	10.1007/s11604-023-01486-z		2.1	Special	Q3	Q2					4	Natacha Usanase, Berna Uzun, Dilber Uzun Ozsahin & Ilker Ozsahin
145	WOS+SCOPUS	SCIE	Article	Q. M., A. E., A. H., & A. B. New solutions of time-space fractional coupled Schrödinger equation. <i>Mathematics</i> , 11(17), 3178-3184.	New solutions of time-space fractional coupled Schrödinger equation	10.3934/math.20231383		2.2	Special	Q1	Q2					1	Hijaz Ahmad
146	SCOPUS		Article	M. M. J., S. I. M., H. B. J., U. J. M., M. A. D., A. G. U., A. G. I., D. U. O., & S. I. A. (2023). New random intelligent chemometric techniques for simultaneous determination of lead and cadmium in water samples. <i>Mathematics</i> , 11(17), 3178-3184.	New random intelligent chemometric techniques for simultaneous determination of lead and cadmium in water samples	10.1007/s42107-023-00908-7			Special		Q3					2	A.G. Usman & Dilber Uzun Ozsahin
147	WOS+SCOPUS	SCIE	Article	A. N., N. V. B., H. A. S., E. M., A. H., & A. E. M. (2023). Marshall–Olkin Weibull–Burr XII distribution with applications. <i>Mathematics</i> , 11(17), 3178-3184.	Marshall–Olkin Weibull–Burr XII distribution with applications	10.1063/5.0172143		1.6	Regular	Q3	Q2					1	Hijaz Ahmad
148	WOS+SCOPUS	SCIE	Article	G. B., S. K. M., A. I. A., & A. H. (2023). First-principles study of potassium-based novel chalcogenides. <i>Mathematics</i> , 11(17), 3178-3184.	First-principles study of potassium-based novel chalcogenides	10.1088/1402-4896/acfeaa		2.9	Regular	Q2	Q2					1	Hijaz Ahmad
149	WOS+SCOPUS	ESCI	Article	A. I. I., A. A. S., H. D., N. S. S., M. O., R. S., P. W., A. G. U. & S. I. A. (2023). Log-Kumaraswamy Distribution: Its Features and Applications. <i>Mathematics</i> , 11(17), 3178-3184.	Log-Kumaraswamy Distribution: Its Features and Applications	10.3389/fams.2023.1258961		0	Special		Q3					1	A.G. Usman
150	WOS+SCOPUS	ESCI	Article	A. G., H. A., J. U., A. G. U., M. M. J., B. A. S., S. L. G., L. O. O. & S. I. A. (2023). New-generation machine learning models as predictors for the classification of COVID-19. <i>Mathematics</i> , 11(17), 3178-3184.	New-generation machine learning models as predictors for the classification of COVID-19	10.1016/j.ijhydene.2023.09.170		7.2	Special	Q1	Q1					1	A.G. Usman
151	WOS+SCOPUS	SCIE	Article	F. M., A. H., O. D. U., K. A., N. R., & A. B. (2023). A study of heat and mass transfer flow of a variable viscosity fluid. <i>Mathematics</i> , 11(17), 3178-3184.	A study of heat and mass transfer flow of a variable viscosity fluid	10.1142/S0217984923502317		1.9	Special	Q2	Q3					2	Hijaz Ahmad & Dilber Uzun Ozsahin
152	WOS+SCOPUS	SCIE	Article	U. A. G., T. A., A. S. I., I. S., A. A., & A. H. (2023). Feasibility of the Optimal Design of AI-Based Models for Predicting the Performance of a System. <i>Mathematics</i> , 11(17), 3178-3184.	Feasibility of the Optimal Design of AI-Based Models for Predicting the Performance of a System	10.1021/acsomega.3c05227		4.1	Special	Q2	Q1					2	A.G. Usman & Selin Isik
153	WOS+SCOPUS	SCIE	Article	A. A. A., K. N. M., S. F. S., M. A., H. A., A. M. S., D. U. O. & S. A. (2023). The hydrodynamics of gravity-driven vessel drainage. <i>Mathematics</i> , 11(17), 3178-3184.	The hydrodynamics of gravity-driven vessel drainage	10.1016/j.heliyon.2023.e20196		4	Regular	Q2	Q1					2	Hijaz Ahmad & Dilber Uzun Ozsahin

154	WOS+SCOPUS	SCIE	Article	Q. M., A. E., A. H., & A. B. (2023). New solutions of time-space fractional	New solutions of time-space fractional coupled Schröd	10.3934/math.20231383		2.2	Special	Q1	Q1	1	Hijaz Ahmad
155	WOS+SCOPUS	SCIE	Article	T. S., K. A., O. O. A., B. M., A. M., A. H., & M. Y. (2023). Enhancing the	Enhancing thermal performance and sustainability para	10.2298/TSCI2304251T		1.7	Special	Q3	Q3	1	Hijaz Ahmad
156	SCOPUS	SCIE	Article	Anser, M. K., Khan, K. A., Umar, M., Awosusi, A. A., & Shamansurova, Z. (2023). Formulating sustainable development policy for a developed nation: exploring the role of renewable energy, natural gas efficiency and oil efficiency towards decarbonization. <i>International Journal of Sustainable Development & World Ecology</i> , 1-17.	Formulating sustainable development policy for a developed nation: exploring the role of renewable energy, natural gas efficiency and oil efficiency towards decarbonization	https://doi.org/10.1080/13504509.2023.2268586			Regular	Q1	Q1	1	Abraham Ayobami Awosusi
157	SCOPUS	SCIE	Article	Sun, X. Q., Awosusi, A. A., Han, Z., Uzun, B., & Öncü, E. (2023). Racing towards environmental sustainability: a synergy between economic complexity, political stability, and energy transition: policy insight from a bootstrap time varying causality approach. <i>International Journal of Sustainable Development & World Ecology</i> , 1-16.	Racing towards environmental sustainability: a synergy between economic complexity, political stability, and energy transition: policy insight from a bootstrap time varying causality approach	https://doi.org/10.1080/13504509.2023.2268573			Regular	Q1	Q1	2	Awosusi, A. A., Uzun, Berna
158	SCOPUS	SCIE	Article	Ding, C., Awosusi, A. A., Abbas, S., & Ojekemi, O. R. (2023). Formulating ecological sustainability policies for India within the coal energy, biomass energy, and economic globalization framework. <i>Environmental Science and Pollution Research</i> , 1-15.	Formulating ecological sustainability policies for India within the coal energy, biomass energy, and economic globalization framework	https://link.springer.com/article/10.1007/s11356-023-30243-y		5.8	Regular	Q1	Q1	1	Awosusi, A. A.
159	SCOPUS	SCIE	Article	Ibrahim, R. L., Awosusi, A. A., Ajide, K. B., & Ozdeser, H. (2023). Exploring the renewable energy-environmental sustainability pathways: what do the interplay of technological innovation, structural change, and urbanization portends for BRICS?. <i>Environment, Development and Sustainability</i> , 1-21.	Exploring the renewable energy-environmental sustainability pathways: what do the interplay of technological innovation, structural change, and urbanization portends for BRICS?	https://link.springer.com/article/10.1007/s10668-023-03917-3		4.9	Regular	Q1	Q1	1	Awosusi, A. A.
160	SCOPUS		Article	Ishaq, A. I., Suleiman, A. A., Daud, H., Singh, N. S. S., Othman, M., Sokkalingam, R., ... & Abba, S. I. Log-Kumaraswamy Distribution: Its Features and Applications. <i>Frontiers in Applied Mathematics and Statistics</i> , 9, 1258961.	Log-Kumaraswamy Distribution: Its Features and Applications	https://doi.org/10.3389/fams.2023.1258961		1.4	Regular	Q3	Q3	1	A.G. Usman
161	WOS+SCOPUS	SCI	Article	N. Sancar, E. P. Onakpojeruo, D. Inan and D. U. Ozsahin, (2023) "Adaptive Elastic Net Based on Modified PSO for Variable Selection in Cox Model with High-dimensional Data: A Comprehensive Simulation Study," in <i>IEEE Access</i> .	Adaptive Elastic Net Based on Modified PSO for Variable Selection in Cox Model with High-dimensional Data: A Comprehensive Simulation Study	https://doi.org/10.1109/ACCESS.2023.3329386		3.9	Regular	Q1	Q1	3	N. Sancar, E. P. Onakpojeruo, D. U. Ozsahin
162	SCOPUS		Article	Mati, S., Radulescu, M., Saqib, N., Samour, A., Ismael, G. Y., & Aliyu, N. (2023). Incorporating Russo-Ukrainian war in Brent crude oil price forecasting: A comparative analysis of ARIMA, TARMA and ENNReg models. <i>Heliyon</i> , 9(11).	Incorporating Russo-Ukrainian war in Brent crude oil price forecasting: A comparative analysis of ARIMA, TARMA and ENNReg models	https://doi.org/10.1016/j.heliyon.2023.e21439		4	Regular		Q1	1	Sagiru Mati
163	WOS+SCOPUS	SCI	Article	Abobakar, M., Uzun, B., Uzun Ozsahin, D., Sanlidag, T., & Arikan, A. (2023). Assessment of UTI Diagnostic Techniques Using the Fuzzy-PROMETHEE Model. <i>Diagnostics</i> , 13(22), 3421.	Assessment of UTI Diagnostic Techniques Using the Fuzzy-PROMETHEE	https://doi.org/10.3390/diagnostics13223421		3.6	Regular	Q2	Q2	5	Abobakar, M., Uzun, B., Uzun Ozsahin, D., Sanlidag, T., & Arikan, A.
164	SCOPUS	SCIE	Article	Mati S., Civcir I., Abba S.I (2023). "EviewsR: An R Package for Dynamic and Reproducible Research Using EViews, R, R Markdown and Quarto", <i>The R Journal</i> https://journal.r-project.org/articles/RJ-2023-045/	EviewsR: An R Package for Dynamic and Reproducible Research Using EViews, R, R Markdown and Quarto	https://journal.r-project.org/articles/RJ-2023-045/		2.1	Regular		Q1	1	Sagiru Mati
165	SCOPUS	SCIE	Article	Ma, X., Khan, M. N., Awosusi, A. A., Uzun, B., & Shamansurova, Z. (2023). Heterogeneous impact of green energy innovation on energy transition in the G7 nations: an aggregated and disintegrated analysis through advanced quantile approach. <i>International Journal of Sustainable Development & World Ecology</i> , 1-15.	Heterogeneous impact of green energy innovation on energy transition in the G7 nations: an aggregated and disintegrated analysis through advanced quantile approach	https://doi.org/10.1080/13504509.2023.2277422		5.6	Regular	Q1	Q1	2	Awosusi, A. A., Uzun, B.
166	WOS+SCOPUS	SCIE	Article	Jalili P, Mirzaei A, Jalili B, Shateri A, Ganji DD, Ozsahin DU, Ahmad H. Thermal analysis of transverse fluid flow in a gradient porous media with the exponentially boundary conditions. <i>Modern Physics Letters B</i> . 2023 Oct 21: 2350229.	Thermal analysis of transverse fluid flow in a gradient porous media with the exponentially boundary conditions	https://www.worldscientific.com/doi/10.1142/S0217984923502299		1.9	Regular	Q2	Q3	2	Dilber Uzun Ozsahin, Hijaz Ahmad
167	WOS+SCOPUS	SCIE	Article	Vaidya, H., Prasad, K.V., Tripathi, D. et al. Viscoplastic Hybrid Nanofluids Flow Through Vertical Stenosed Artery. <i>BioNanoSci.</i> (2023). https://doi.org/10.1007/s12668-023-01213-y	Hybrid Nanofluids Flow Through Vertical Stenosed Artery	https://doi.org/10.1007/s12668-023-01213-y		3	Regular		Q3	1	Hijaz Ahmad
168	WOS+SCOPUS	SCIE	Article	Nawaz R, Sumera, Zada L, Ayaz M, Ahmad H, Awwad FA, Ismail EA. Rational approximation for solving Fredholm integro-differential equations by new algorithm. <i>Open Physics</i> . 2023 Oct 20;21(1):20220181.	Rational approximation for solving Fredholm integro-differential equations by new algorithm	https://doi.org/10.1515/phys-2022-0181		1.9	Regular	Q3	Q3	1	Hijaz Ahmad
169	WOS+SCOPUS	SCIE	Article	Butt AR, Saqib AA, Bakar A, Ozsahin DU, Ahmad H, Almohsen B. Investigating the fractional dynamics and sensitivity of an epidemic model with nonlinear convex rate. <i>Results in Physics</i> . 2023 Oct 20:107089.	Investigating the fractional dynamics and sensitivity of an epidemic model with nonlinear convex rate	https://doi.org/10.1016/j.rinp.2023.107089		5.3	Regular	Q2	Q2	2	Dilber Uzun Ozsahin, Hijaz Ahmad
170	WOS+SCOPUS	ESCI	Article	Tariq M, Ahmad H, Shaikh AA, Ntouyas SK, Hincal E, Qureshi S. Fractional Hermite-Hadamard-Type Inequalities for Differentiable Preinvex Mappings and Applications to Modified Bessel and q-Digamma Functions. <i>Mathematical and Computational Applications</i> . 2023; 28(6):108. https://doi.org/10.3390/mca28060108	Fractional Hermite-Hadamard-Type Inequalities for Differentiable Preinvex Mappings and Applications to Modified Bessel and q-Digamma Functions	https://doi.org/10.3390/mca28060108		1.9	Regular			1	Hijaz Ahmad

171	WOS+SCOP US	SCIE	Article	Zulqarnain RM, Siddique I, Asif M, Ahmad H, Askar S, Gurmani SH. Extension of correlation coefficient based TOPSIS technique for interval-valued Pythagorean fuzzy soft set: A case study in extract, transform, and load techniques. Plos one. 2023 Oct 30;18(10):e0287032.	Extension of correlation coefficient based TOPSIS technique for interval-valued Pythagorean fuzzy soft set: A case study in extract, transform, and load techniques	https://doi.org/10.1371/journal.pone.0287032	3.7	Regular	Q1	Q1	1	Hijaz Ahmad
172	WOS+SCOP US	SCIE	Article	Nadeem M, Siddique I, Saif Ud Din I, Awwad FA, Ismail EA, Ahmad H. Impact of chemical reaction on Eyring–Powell fluid flow over a thin needle with nonlinear thermal radiation. Scientific Reports. 2023 Dec 4;13(1):21401.	Impact of chemical reaction on Eyring–Powell fluid flow over a thin needle with nonlinear thermal radiation	https://doi.org/10.1038/s41598-023-48400-1	4.6	Regular	Q2	Q1	1	Hijaz Ahmad
173	WOS+SCOP US	SCIE	Article	Az-Zo'bi EA, Afef K, Ur Rahman R, Akinyemi L, Bekir A, Ahmad H, Tashtoush MA, Mahariq I. Novel topological, non-topological, and more solitons of the generalized cubic p-system describing isothermal flux. Optical and Quantum Electronics. 2024 Jan;56(1):84.	Novel topological, non-topological, and more solitons of the generalized cubic p-system describing isothermal flux	https://doi.org/10.1007/s11082-023-05642-7	3	Regular	Q2	Q2	1	Hijaz Ahmad
174			Article	Aljanabi, M., & Ahmad, H. (2023). Navigating the Void: Uncovering Research Gaps in the Detection of Data Poisoning Attacks in Federated Learning-Based Big Data Processing: A Systematic Literature Review. Mesopotamian Journal of Big Data, 2023, 149-158.	Navigating the Void: Uncovering Research Gaps in the Detection of Data Poisoning Attacks in Federated Learning-Based Big Data Processing: A Systematic Literature Review	https://doi.org/10.58496/MJBD/2023/019		Regular			1	Hijaz Ahmad
175	WOS+SCOP US	SCIE	Article	Ozshahin DU, Jalili B, Asadi Z, Shateri A, Jalili P, Ganji DD, Ahmad H, Nofal TA. Investigation of turbine cooling using semi-analytical methods in non-Newtonian fluid flow with porous wall. Case Studies in Thermal Engineering. 2023 Nov 24;103808.	Investigation of turbine cooling using semi-analytical methods in non-Newtonian fluid flow with porous wall	https://doi.org/10.1016/j.csite.2023.103808	6.8	Regular	Q1	Q1	2	Dilber Uzun Ozsahin, Hijaz Ahmad
176	WOS+SCOP US	SCIE	Article	Ahmad, H., Khokhar, R. B., Suleman, M., Tariq, M., Ntouyas, S. K., Tariboon, J.. "Some new notions of fractional Hermite-Hadamard type inequalities involving applications to the physical sciences." Journal of Mathematics and Computer Science, 33, no. 1 (2024): 27–41	Some new notions of fractional Hermite-Hadamard type inequalities involving applications to the physical sciences	http://dx.doi.org/10.22436/jmcs.033.01.03		Regular		Q2	1	Hijaz Ahmad
177	WOS+SCOP US	SCIE	Article	Khan MS, Ali A, Suhail M, Awwad FA, Ismail EA, Ahmad H. On the performance of two-parameter ridge estimators for handling multicollinearity problem in linear regression: Simulation and application. AIP Advances. 2023 Nov 1;13(11).	On the performance of two-parameter ridge estimators for handling multicollinearity problem in linear regression: Simulation and application	https://doi.org/10.1063/5.0175494	1.6	Regular	Q2	Q2	1	Hijaz Ahmad
178	WOS	ESCI	Article	Ahmad H, Jassim HK. Solving burger's and coupled Burger's equations with caputo-fabrizio fractional operator. Facta Universitatis, Series: Mathematics and Informatics. 2023 Nov 3:241-52.	Solving burger's and coupled Burger's equations with caputo-fabrizio fractional operator	https://doi.org/10.22190/FUMI210327017A		Regular			1	Hijaz Ahmad
179	WOS+SCOP US	SCIE	Article	Zulqarnain, R.M., Nadeem, M., Siddique, I. et al. Heat transfer analysis of Maxwell tri-hybridized nanofluid through Riga wedge with fuzzy volume fraction. Sci Rep 13, 18238 (2023).	Heat transfer analysis of Maxwell tri-hybridized nanofluid through Riga wedge with fuzzy volume fraction	https://doi.org/10.1038/s41598-023-45286-x	4.6	Regular	Q2	Q1	1	Hijaz Ahmad
180	WOS+SCOP US	SCIE	Article	Hussain J, Soomro MA, Dahri SA, Memon KN, Bano M, Awwad FA, Ismail EA, Ahmad H. A study of maximizing skew Brownian motion with applications to option pricing. Journal of Radiation Research and Applied Sciences. 2024 Mar 1;17(1):100732.	A study of maximizing skew Brownian motion with applications to option pricing	https://doi.org/10.1016/j.jrras.2023.100732	1.7	Regular	Q3		1	Hijaz Ahmad
181	WOS+SCOP US	SCIE	Article	Batool, F., Suleman, M.S., Demirebilek, U. et al. Studying the impacts of M-fractional and beta derivatives on the nonlinear fractional model. Opt Quant Electron 56, 164 (2024).	Studying the impacts of M-fractional and beta derivatives on the nonlinear fractional model	https://doi.org/10.1007/s11082-023-05634-7	3	Regular	Q2	Q2	1	Hijaz Ahmad
182	WOS+SCOP US	SCIE	Article	Adel, M., Tariq, K.U., Ahmad, H. et al. Soliton solutions, stability, and modulation instability of the (2+1)-dimensional nonlinear hyperbolic Schrödinger model. Opt Quant Electron 56, 182 (2024).	Soliton solutions, stability, and modulation instability of the (2+1)-dimensional nonlinear hyperbolic Schrödinger model	https://doi.org/10.1007/s11082-023-05570-6	3	Regular	Q2	Q2	1	Hijaz Ahmad
183	WOS+SCOP US	SCIE	Article	Mabrouk, S.M., Rezazadeh, H., Ahmad, H. et al. Implementation of optical soliton behavior of the space–time conformable fractional Vakhnenko–Parkes equation and its modified model. Opt Quant Electron 56, 222 (2024).	Implementation of optical soliton behavior of the space–time conformable fractional Vakhnenko–Parkes equation and its modified model	https://doi.org/10.1007/s11082-023-05553-7	3	Regular	Q2	Q2	1	Hijaz Ahmad
184	WOS+SCOP US	SCIE	Article	Muhammad Tariq, Sotiris K. Ntouyas, Hijaz Ahmad, Asif Ali Shaikh, Bandar Almohsen, Evren Hincal. A comprehensive review of Grüss-type fractional integral inequality[J]. AIMS Mathematics, 2024, 9(1): 2244-2281. doi: 10.3934/math.2024112	A comprehensive review of Grüss-type fractional integral inequality	https://www.aimspress.com/article/doi/10.3934/math.2024112	2.2	Special	Q1	Q2	1	Hijaz Ahmad
185	WOS+SCOP US	SCIE	Article	Almutairi N, Saber S, Ahmad H. The fractal-fractional Atangana-Baleanu operator for pneumonia disease: stability, statistical and numerical analyses. AIMS Mathematics. 2023;8(12):29382-410.	The fractal-fractional Atangana-Baleanu operator for pneumonia disease: stability, statistical and numerical analyses.	https://www.aimspress.com/article/doi/10.3934/math.20231504	2.2	Regular	Q1	Q2	1	Hijaz Ahmad
186	WOS+SCOP US	SCIE	Article	Islam SR, Ahmad H, Khan K, Wang H, Akbar MA, Awwad FA, Ismail EA. Stability analysis, phase plane analysis, and isolated soliton solution to the LGH equation in mathematical physics. Open Physics. 2023 Oct 30;21(1):20230104.	Stability analysis, phase plane analysis, and isolated soliton solution to the LGH equation in mathematical physics.	https://doi.org/10.1515/phys-2023-0104	1.9	Regular	Q3	Q3	1	Hijaz Ahmad
187	WOS+SCOP US	SCIE	Article	Kumar R, Pathania V, Gupta V, Barak MS, Ahmad H. Thermoelastic Modeling with Dual Porosity Interacting with an Inviscid Liquid. Journal of Applied and Computational Mechanics. 2023 Sep 27.	Thermoelastic Modeling with Dual Porosity Interacting with an Inviscid Liquid	https://jacm.scu.ac.ir/article_18477.html		Regular	Q2	Q2	1	Hijaz Ahmad
188	WOS+SCOP US	SCIE	Article	Khader MM, Ahmad H, Megahed AM. Developing some of engineering applications through numerical treatment of non-Newtonian nanofluid flow on nonlinear stretching surface with heat generation. Case Studies in Thermal Engineering. 2023 Oct 18:103641.	Developing some of engineering applications through numerical treatment of non-Newtonian nanofluid flow on nonlinear stretching surface with heat generation.	https://doi.org/10.1016/j.csite.2023.103641	6.8	Regular	Q1	Q1	1	Hijaz Ahmad

189	SCOPUS	SCIE	Article	Ibrahim, S., Sulaiman, T. A., Yusuf, A., Ozsahin, D. U., & Baleanu, D. (2024). Wave propagation to the doubly dispersive equation and the improved Boussinesq equation. <i>Optical and Quantum Electronics</i> , 56(1), 20.	Wave propagation to the doubly dispersive equation and the improved Boussinesq equation	https://link.springer.com/article/10.1007/s11082-023-05571-5		3	Regular	Q2	Q2	1	Dilber Uzun Ozsahin
190	SCOPUS	SCIE	Article	Ozsahin, D. U., Jalili, B., Asadi, Z., Shateri, A., Jalili, P., Ganji, D. D., ... & Nofal, T. A. (2023). Investigation of turbine cooling using semi-analytical methods in non-Newtonian fluid flow with porous wall. <i>Case Studies in Thermal Engineering</i> , 103808.	Investigation of turbine cooling using semi-analytical methods in non-Newtonian fluid flow with porous wall	https://doi.org/10.1016/j.cste.2023.103808		6.8	Regular	Q1	Q1	2	Dilber Uzun Ozsahin, Hijaz Ahmad
191	SCOPUS		Article	Adamu, A., Ozsahin, D. U., Ibrahim, A. H., & Sunthrayuth, P. (2023). A TECHNIQUE WITH DIMINISHING AND NON-SUMMABLE STEP-SIZE FOR MONOTONE INCLUSION PROBLEMS IN BANACH SPACES. <i>Nonlinear Functional Analysis and Applications</i> , 1051-1067.	A TECHNIQUE WITH DIMINISHING AND NON-SUMMABLE STEP-SIZE FOR MONOTONE INCLUSION PROBLEMS IN BANACH SPACES	http://nfaa.kyungnam.ac.kr/journal-nfaa/index.php/NFAA/article/view/1848			Regular		Q3	2	Adamu, A., Ozsahin, D. U.,
192	WOS+SCOPUS	SCIE	Article	Umar, H., Aliyu, M. R., Usman, A. G., Ghali, U. M., Abba, S. I., & Ozsahin, D. U. (2023). Prediction of cell migration potential on human breast cancer cells treated with Albizia lebbek ethanolic extract using extreme machine learning. <i>Scientific Reports</i> , 13(1), 22242.	Prediction of cell migration potential on human breast cancer cells treated with Albizia lebbek ethanolic extract using extreme machine learning	https://www.nature.com/articles/s41598-023-49363-z		4.6	Regular	Q1	Q1	2	Umar Huzaifa, Usman, A. G., Ozsahin, D. U.,
193			Article	Abdulazeez, I., Abba, S. I., Usman, J., Usman, A. G., & Aljundi, I. H. (2023). Recovery of Brine Resources Through Crown-Passivated Graphene, Silicene, and Boron Nitride Nanosheets Based on Machine-Learning Structural Predictions. <i>ACS Applied Nano Materials</i> .	Recovery of Brine Resources Through Crown-Passivated Graphene, Silicene, and Boron Nitride Nanosheets Based on Machine-Learning Structural Predictions	https://doi.org/10.1021/acsanm.3c04421			Regular			1	Usman, A. G.,
194	SCOPUS		Book	Ozsahin, D. U., Emegano, D. I., Hassan, A., Aldakhil, M., Banat, A. M., Duwa, B. B., & Ozsahin, I. (2024). Design of endoscopic medical device.	Design of endoscopic medical device.							4	Ozsahin, D. U., Emegano, D. I., Duwa, B. B., & Ozsahin, I.
195	SCOPUS		Book	Ozsahin, D. U., Duwa, B. B., Edward, D., Cham, D., Idoko, J. B., & Ozsahin, I. (2024). A dual biventricular resynchronized pacemaker with a remote monitoring system.	A dual biventricular resynchronized pacemaker with a remote monitoring system.							4	Ozsahin, D. U., Duwa, B. B., Idoko, J. B., & Ozsahin, I.
196	SCOPUS		Book	Ozsahin, D. U., Duwa, B. B., Himaid, A., Emegano, D. I., & Ozsahin, I. (2024). Development of a brain-computer interface device converting brain signals to audio and written words.	Development of a brain-computer interface device converting brain signals to audio and written words.							4	Ozsahin, D. U., Duwa, B. B., Emegano, D. I., & Ozsahin, I.
197	SCOPUS		Book	Ozsahin, D. U., Duwa, B. B., Idoko, J. B., Subedar, W. A. U. R., Edward, D., Barot, J. D., & Ozsahin, I. (2024). 3D Bioprinting of prosthetic legs.	3D Bioprinting of prosthetic legs.							4	Ozsahin, D. U., Duwa, B. B., Idoko, J. B., & Ozsahin, I.
198	SCOPUS		Book	Ozsahin, D. U., Emegano, D. I., Skaik, M., Al Obied, M., Abid, O., Duwa, B. B., & Ozsahin, I. (2024). Development of a polymerase chain reaction device.	Development of a polymerase chain reaction device.							4	Ozsahin, D. U., Emegano, D. I., Duwa, B. B., & Ozsahin, I.
199	SCOPUS		Book	Ozsahin, D. U., Duwa, B. B., Idoko, J. B., Edward, D., Khorzom, L., Hussein, O. H., ... & Ozsahin, I. (2024). Voice-controlled prosthetic hand.	Voice-controlled prosthetic hand.							4	Ozsahin, D. U., Duwa, B. B., Idoko, J. B., & Ozsahin, I.
200	SCOPUS		Book	Ozsahin, D. U., Duwa, B. B., Idoko, J. B., Tirah, G., Eldasougi, N. E., Naesa, M., ... & Ozsahin, I. (2024). Design considerations for diagnostic radiology department.	Design considerations for diagnostic radiology department.							4	Ozsahin, D. U., Duwa, B. B., Idoko, J. B., & Ozsahin, I.
201	SCOPUS		Book	Ozsahin, D. U., Duwa, B. B., Idoko, J. B., Gambu, J., Günasti, C. Y., Yavuz, T., & Ozsahin, I. (2024). Face recognition application in healthcare using computer web camera.	Face recognition application in healthcare using computer web camera.							4	Ozsahin, D. U., Duwa, B. B., Idoko, J. B., & Ozsahin, I.
202	SCOPUS		Book	Ozsahin, D. U., Duwa, B. B., Idoko, J. B., Eddin, M. S., & Ozsahin, I. (2024). Detection of retinal blood clots in the eye using laser doppler technology.	Detection of retinal blood clots in the eye using laser doppler technology							4	Ozsahin, D. U., Duwa, B. B., Idoko, J. B., & Ozsahin, I.
203	SCOPUS		Book	Ozsahin, D. U., Emegano, D. I., Haider, O., Ibrahim, I., Duwa, B. B., Alayouti, F., & Ozsahin, I. (2024). Construction of a miniaturized Covid-19 medical kit.	Construction of a miniaturized Covid-19 medical kit.							4	Ozsahin, D. U., Emegano, D. I., Duwa, B. B., & Ozsahin, I.
204	SCOPUS		Book	Ozsahin, D. U., Duwa, B. B., Idoko, J. B., Rwiyyereka, A., Ishimwe, D., Hassan, S., & Ozsahin, I. (2024). Internet of things-based patient well-being monitoring system.	Internet of things-based patient well-being monitoring system.							4	Ozsahin, D. U., Duwa, B. B., Idoko, J. B., & Ozsahin, I.
205	SCOPUS		Book	Ozsahin, D. U., Emegano, D. I., Altartoor, S. M., Yousef, M. E. O., Duwa, B. B., & Ozsahin, I. (2024). Electromechanical hand-driven electromyogram signal.	Electromechanical hand-driven electromyogram signal.							4	Ozsahin, D. U., Emegano, D. I., Duwa, B. B., & Ozsahin, I.
206	SCOPUS		Book	Ozsahin, D. U., Emegano, D. I., Hassan, A., Aldakhil, M., Banat, A. M., Duwa, B. B., & Ozsahin, I. (2024). A speech recognition system using technologies of audio signal processing.	A speech recognition system using technologies of audio signal processing.							4	Ozsahin, D. U., Emegano, D. I., Duwa, B. B., & Ozsahin, I.
207	SCOPUS		Book	Ozsahin, D. U., Duwa, B. B., Idoko, J. B., Tirah, G., Alchoib, A., Abuedia, A. M., ... & Ozsahin, I. (2024). Design of interactive neural input device for arm prosthesis.	Design of interactive neural input device for arm prosthesis.							4	Ozsahin, D. U., Duwa, B. B., Idoko, J. B., & Ozsahin, I.

208	SCOPUS		Book	Ozsahin, D. U., Emegano, D. I., Abuamsha, B. J., Duwa, B. B., & Ozsahin, I. (2024). The design of a noninvasive blood pressure measurement device.	The design of a noninvasive blood pressure measurement device										4	Ozsahin, D. U., Emegano, D. I., Duwa, B. B., & Ozsahin, I
209	SCOPUS		Book	Ozsahin, D. U., Emegano, D. I., Bader, B. A., Duwa, B. B., & Ozsahin, I. (2024). Blood circuit in hemodialysis.	Blood circuit in hemodialysis.										4	Ozsahin, D. U., Emegano, D. I., Duwa, B. B., & Ozsahin, I
210	SCOPUS		Book	Ozsahin, D. U., Duwa, B. B., Edward, D., Ali, M. I., Idoko, J. B., & Ozsahin, I. (2024). Design and modeling of a novel blood sampling (Phlebotomy) chair.	Design and modeling of a novel blood sampling (Phlebotomy) chair.										4	Ozsahin, D. U., Duwa, B. B., Idoko, J. B., & Ozsahin, I.
211	SCOPUS		Book	Ozsahin, D. U., Duwa, B. B., Idoko, B., Aleter, A., Idoko, J. B., & Ozsahin, I. (2024). Sleep apnea detection device.	Sleep apnea detection device.										4	Ozsahin, D. U., Duwa, B. B., Idoko, J. B., & Ozsahin, I.
212	SCOPUS		Book	Ozsahin, D. U., Duwa, B. B., Emegano, D. I., Mustapha, M. T., Usanase, N., Onakpojeruo, E. P., & Ozsahin, I. (2024). Construction of an automated hand sanitizer dispenser used against transmissible diseases.	Construction of an automated hand sanitizer dispenser used against transmissible diseases.										7	Ozsahin, D. U., Duwa, B. B., Emegano, D. I., Mustapha, M. T., Usanase, N., Onakpojeruo, E. P., & Ozsahin, I.
213	WOS+SCOPUS	SCIE	Article	Ayobamiji, A.A., Somoye, O.A. How does the shock in technological innovation and hydroelectricity consumption influence the pursuit of carbon neutrality in Colombia?. <i>Clean Techn Environ Policy</i> (2023). https://doi.org/10.1007/s10098-023-02717-7	How does the shock in technological innovation and hydroelectricity consumption influence the pursuit of carbon neutrality in Colombia?	https://doi.org/10.1007/s10098-023-02717-7		4.3	Regular	Q1	Q1			1		Awosusi, A. A.,
214	WOS	ESCI	Article	Selin, I., Garba, U. A., & Sani, A. (2023). A chemometrics-based approach for the determination of thymoquinone from <i>Nigella sativa</i> L. (Black Cumin) seeds of different geographical regions using the HPLC technique. <i>Istanbul Journal of Pharmacy</i> , 53(3), 320-328.	A chemometrics-based approach for the determination of thymoquinone from <i>Nigella sativa</i> L. (Black Cumin) seeds of different geographical regions using the HPLC technique	http://dx.doi.org/10.26650/IstanbulJPharm.2023.1181298			Regular	Q3	Q3			1		Garba, U. A
215	SCOPUS		Article	Anilkumar, A., Sukumar, S., Dkhar, K. Y. W., Uzun, B., Ozsahin, D. U., David, L. R., ... & Pradhan, A. (2023). GENDER DIFFERENCES IN ORBIT INDEX VALUES IN THE SOUTH INDIAN POPULATION USING COMPUTED TOMOGRAPHY. <i>Romanian Journal of Diabetes, Nutrition and Metabolic Diseases</i> , 30(4), 883-893.	GENDER DIFFERENCES IN ORBIT INDEX VALUES IN THE SOUTH INDIAN POPULATION USING COMPUTED TOMOGRAPHY	https://jrjdiabet.ro/index.php/RJDNMD/article/view/231			Issue			Q4		2		Berna Uzun , Dilber Uzun Ozsahin
216	SCOPUS		Article	Sukumar, S., Saba, S., Ravichandran, S., Uzun, B., Ozsahin, D., Kadavigere, R., & David, L. R. (2023). INFECTION AWARENESS OF MEDICAL IMAGING PROFESSIONAL'S ON THE PANDEMIC OUTBREAK OF EBOLA AND NOVEL COVID-19: A SYSTEMATIC NARRATIVE REVIEW. <i>Romanian Journal of Diabetes, Nutrition and Metabolic Diseases</i> , 30(4), 894-911.	INFECTION AWARENESS OF MEDICAL IMAGING PROFESSIONAL'S ON THE PANDEMIC OUTBREAK OF EBOLA AND NOVEL COVID-19: A SYSTEMATIC NARRATIVE REVIEW	https://jrjdiabet.ro/index.php/RJDNMD/article/view/232			Issue			Q4		2		Berna Uzun , Dilber Uzun Ozsahin
217	SCOPUS	SCI	Article	Ozsahin, I., Onakpojeruo, E. P., Uzun, B., Ozsahin, D. U., & Butler, T. A. (2023). Comparative evaluation of FDA - approved drugs for managing the symptoms of AD. <i>Alzheimer's & Dementia</i> , 19, e075669.	Comparative evaluation of FDA - approved drugs for managing the symptoms of AD.	https://doi.org/10.1002/alz.075669		14	Issue	Q1	Q1			4		Ozsahin, I., Onakpojeruo, E. P., Uzun, B., Ozsahin, D. U.
218	SCOPUS	SCI	Article	Yassin, M. A., Usman, A. G., Abba, S. I., Ozsahin, D. U., & Aljundi, I. H. (2023). Intelligent learning algorithms integrated with feature engineering for sustainable groundwater salinization modelling: eastern province of Saudi Arabia. <i>Results in Engineering</i> , 20, 101434.	Intelligent learning algorithms integrated with feature engineering for sustainable groundwater salinization modelling: eastern province of Saudi Arabia	https://doi.org/10.1016/j.rineng.2023.101434	Yes	5	Regular	Q2	Q2			2		Usman, A. G., Ozsahin, D. U.,