

# Tahir Mehmood

Professor

School of Natural Sciences

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## About

Dr. Tahir Mehmood is working as Professor in the School of Natural Sciences. Dr. Tahir Mehmood has a PhD in Statistics. Dr. Tahir Mehmood has published 79 research articles & conference papers having a citation count of 2280, carried out 0 projects and filed 0 intellectual property.

## Qualifications

<b>PhD in Statistics</b> Norwegian University of Life Sciences , Norway	2009 - 2012
<b>MS in Statistics</b> Norwegian University of Life Sciences , Norway	2007 - 2012
<b>MSc in (Statistics)</b> Quaid-i-Azam University , Pakistan	2003 - 2005
<b>BSc in Maths Stats</b> FBISE, Islamabad , Pakistan	2000 - 2002

## Experience

<b>Professor</b> School of Natural Sciences	2022- Present
<b>Associate Professor</b> School of Natural Sciences	2020 - 2022
<b>Associate Professor</b> School of Natural Sciences	2018 - 2020
<b>Associate Professor</b> School of Natural Sciences	2018 - 2018
<b>Sr Scientist</b> Pakistan Atomic Energy Commission , Islamabad	2006 - 2018
<b>Scientific Officer</b> Global Change Imapct Study Center (GCISC) , Islamabd	2005 - 2006

## Awards

<b>HEC Talent Scholarship</b> HEC Talent Scholarship for BSc studies	
<b>HEC Talent Scholarship</b> HEC Talent Scholarship for MSc studies	
<b>HEC MS PhD schoalrship</b> HEC Scholarship MS leading to PhD sties from Norway	

## Research Articles

<b>Self-Reported Health-Related Quality of Life in Patients With Ischemic Heart Disease: A Randomized Controlled Trial on Digital Health Pharmacist Interventions</b> <i>Umm-e-Kalsoom Amjad Khan Tahir Mehmood Hafsa Kanwal Nafees Ahmed Saima Mushtaq Yu Fang</i> <i>Value in Health Regional Issues</i> , Volume:50, Article Number 101174 <b>Impact Factor: 1.500   Quartile: 3</b>	2025
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DOI: <a href="https://doi.org/10.1016/j.vhri.2025.101174">https://doi.org/10.1016/j.vhri.2025.101174</a>	
<b>Spatial Non-Targeted Screening and Machine Learning-Based Risk Assessment of Organic Pollutants in Honey from Bhakkar District, Pakistan</b> <i>Mahnor Baloch Syed Kumail Hussain Naqvi Khurram Shahzad Khaled Chawraba Tahir Mehmood Azhar Mahmood Sang Hyun Park Abrar Hussain</i> <i>Journal of Environmental Chemical Engineering</i> , Volume 13, Issue 5, Article Number 118509 <b>Impact Factor: 7.200   Quartile: 1</b> DOI: <a href="https://doi.org/10.1016/j.jece.2025.118509">https://doi.org/10.1016/j.jece.2025.118509</a>	2025
<b>Leveraging PLS and Lasso in MARS for high-dimensional FTIR data: A hybrid proposed model for antidiabetic activity of schiff base compounds</b> <i>Tahir Mehmood Muhammad Arfan Sughra Sarwar</i> <i>Chemometrics and Intelligent Laboratory Systems</i> , Volume:263, Article Number 105418 <b>Impact Factor: 3.700   Quartile: 1</b> DOI: <a href="https://doi.org/10.1016/j.chemolab.2025.105418">https://doi.org/10.1016/j.chemolab.2025.105418</a>	2025
<b>Machine learning-inspired uncertainty analysis of unsteady flow along a deforming cylinder with variable physical properties</b> <i>Iqra Nasir Malik Meraj Mustafa Hashmi Tahir Mehmood</i> <i>PRAMANA-JOURNAL OF PHYSICS</i> , Volume:99, Article Number:91, Pages:15 <b>Impact Factor: 2.1   Quartile: 2</b> DOI: <a href="https://doi.org/10.1007/s12043-025-02931-6">10.1007/s12043-025-02931-6</a>	2025
<b>Assessing Human-Wildlife Conflict in Lakki Marwat, Pakistan: Economic Impacts and People's Perceptions</b> <i>Tanveer Khan Shakeel Ahamd Tahir Mehmood Sajjad Rais Khan Doulat Ullah Khan Slaman Khan Muhammad Ullah Ejaz Rahim</i> <i>European Journal of Wildlife Research</i> , Volume:71, Article Number:73 <b>Impact Factor: 2.0   Quartile: 1</b> DOI: <a href="https://doi.org/10.1007/s10344-025-01927-2">https://doi.org/10.1007/s10344-025-01927-2</a>	2025
<b>Spatio-temporal distribution, diet and human conflict of snow leopard (<i>Panthera uncia</i>) in the Khunjerab National Park, Gilgit Baltistan</b> <i>Saira Akber Tariq Mehmood Tahir Mehmood Amjad Rashid Kayani Muhammad Sajid Nadeem Faraz Akrim</i> <i>Food Webs</i> , Volume:43, Article Number: e00402 <b>Impact Factor: 1.5   Quartile: 3</b> DOI: <a href="https://doi.org/10.1016/j.fooweb.2025.e00402">https://doi.org/10.1016/j.fooweb.2025.e00402</a>	2025
<b>Robust Särndal-Type Mean Estimators with Re-Descending Coefficients</b> <i>Khudhayr A. Rashedi Alanazi Talal Abdulrahman Tariq S. Alshammari Javaid Shabir Tahir Mehmood IShfaq Ahamad Usman Shahzad Khalid M. K. Alshammari</i> <i>Axioms</i> , Volume 14(4), Article Number 261 <b>Impact Factor: 1.900   Quartile: 1</b> DOI: <a href="https://doi.org/10.3390/axioms14040261">https://doi.org/10.3390/axioms14040261</a>	2025
<b>Block selection in multiblock partial least squares for modeling genotype-phenotype relations in <i>Saccharomyces</i></b> <i>Muhammad Tahir Bu Yude Tahir Mehmood Saima Bashir Zeeshan Ashraf</i> <i>PLoS ONE</i> , Volume 20(1), Article Number e0316350 <b>Impact Factor: 2.900   Quartile: 1</b> DOI: <a href="https://doi.org/10.1371/journal.pone.0316350">https://doi.org/10.1371/journal.pone.0316350</a>	2025
<b>Classification of melanoma skin Cancer based on Image Data Set using different neural networks</b> <i>Rukhsar Sabir Tahir Mehmood</i> <i>Scientific Reports</i> , Volume 14, Article Number: 29704 <b>Impact Factor: 3.800   Quartile: 1   Citations: 1</b> DOI: <a href="https://doi.org/10.1038/s41598-024-75143-4">https://doi.org/10.1038/s41598-024-75143-4</a>	2024
<b>Insights into Population Status and Habitat Patches of Conservation Concern for the Endangered Indian Pangolin (<i>Manis crassicaudata</i>) in Nowshera District, Northwestern Pakistan</b> <i>Romaan Hayat Khattak Shakeel Ahmad Tahir Mehmood Hongliang Dou Haiyang Gao Song Sun Yan Hua</i> <i>Biology</i> , Volume 13(9), Article Number 727 <b>Impact Factor: 3.600   Quartile: 1   Citations: 1</b> DOI: <a href="https://doi.org/10.3390/biology13090727">https://doi.org/10.3390/biology13090727</a>	2024
<b>Impact of low oscillating magnetic field on ternary hybrid nanofluid flow between two spinning disks with Thompson and Troian slip and modified fourier's law</b>	2024

<p><i>Muhammad Ramzan Muhammad Usman Khan Nazia Shahmir Hammad. Alotaibi Tahir Mehmood Seifedine Kadry Mohamed Hussien</i>  <i>Chemical Physics Letters</i> , Volume 850, Article Number 141456</p> <p><b>Impact Factor:</b> 2.800   <b>Quartile:</b> 1   <b>Citations:</b> 4  <b>DOI:</b> <a href="https://doi.org/10.1016/j.cplett.2024.141456">https://doi.org/10.1016/j.cplett.2024.141456</a></p>	
<p><b>Healthy life expectancy with cardiovascular disease among Chinese rural population based on the prospective cohort study</b></p> <p><i>Feng Jiang Xiao-Tian Liu Ze Hu Tahir Mehmood Wei Liao Shuo-Yi Li Rui-Fang Zhu Zhen-Xing Mao Jian Hou Sohail Akhtar Fayaz Ahmad Chong-Jian WANG</i>  <i>Journal of Geriatric Cardiology</i>, Volume 21(8), Pages E1–E8</p> <p><b>Impact Factor:</b> 1.800   <b>Quartile:</b> 3  <b>DOI:</b> <a href="https://doi.org/10.26599/1671-5411.2024.08.006">https://doi.org/10.26599/1671-5411.2024.08.006</a></p>	2024
<p><b>Classification of LAMOST spectra of B-type and hot subdwarf stars using kernel support vector machine</b></p> <p><i>Muhammad Tahir Bu Yude Tahir Mehmood Saima Bashir Yi Zhenping Muhammad Awais</i>  <i>Scientific Reports</i> , Volume 14, Issue 1, Article Number 16815</p> <p><b>Impact Factor:</b> 3.800   <b>Quartile:</b> 1   <b>Citations:</b> 2  <b>DOI:</b> <a href="https://doi.org/10.1038/s41598-024-66687-6">https://doi.org/10.1038/s41598-024-66687-6</a></p>	2024
<p><b>Modeling slip flow of Bingham fluid induced by a porous revolving disk with viscous dissipation and Joule heating effects</b></p> <p><i>Haleema Sadia Meraj Mustafa Hashmi Tahir Mehmood</i>  <i>Journal of Thermal Analysis and Calorimetry</i>, Volume 149, Issue 11, Pages 5555-5567</p> <p><b>Impact Factor:</b> 3.0   <b>Quartile:</b> 2   <b>Citations:</b> 3  <b>DOI:</b> <a href="https://doi.org/10.1007/s10973-024-13260-y">https://doi.org/10.1007/s10973-024-13260-y</a></p>	2024
<p><b>Exploring slip flow of viscoelastic fluid with frictional heating effects: Uncertainty analysis using response surface methodology (RSM)</b></p> <p><i>Laiba Gull Ammar Mushtaq Tahir Mehmood Meraj Mustafa</i>  <i>International Communications in Heat and Mass Transfer</i>, Volume:155, Article Number: 107548</p> <p><b>Impact Factor:</b> 7.0   <b>Quartile:</b> 1   <b>Citations:</b> 8  <b>DOI:</b> <a href="https://doi.org/10.1016/j.icheatmasstransfer.2024.107548">10.1016/j.icheatmasstransfer.2024.107548</a></p>	2024
<p><b>Blasius–Rayleigh–Stokes nanofluid dusty flow influenced by Cattaneo–Christov double diffusion and melting heat transfer — application of response surface methodology</b></p> <p><i>Dr. Tahir Mehmood Muhammad Ramzan C. Ahamed Salee Seifedine Kadry</i>  <i>International Journal of Modern Physics B</i>, Article Number: 2450428, Pages: 19</p> <p><b>Impact Factor:</b> 1.7   <b>Quartile:</b> 2   <b>Citations:</b> 2  <b>DOI:</b> <a href="https://doi.org/10.1142/S0217979224504289">10.1142/S0217979224504289</a></p>	2024
<p><b>New Distribution Records of Small Kashmir Flying Squirrel <i>Eoglaucomys fimbriatus</i> (Gray, 1837) (Mammalia: Sciuridae), with Notes on its Diel Activity in the Musk Deer National Park, Azad Jammu and Kashmir, Pakistan</b></p> <p><i>Shakeel Ahmad Shoaib Hameed Hussain Ali Tauheed U. Khan Tahir Mehmood Muhammad Ali Nawaz</i>  <i>Acta Zoologica Bulgarica</i> , Volume 75(4), Pages 477-484</p> <p><b>Impact Factor:</b> 0.400   <b>Quartile:</b> 4  <b>DOI:</b> <a href="https://www.acta-zoologica-bulgarica.eu/2023/002589">https://www.acta-zoologica-bulgarica.eu/2023/002589</a></p>	2023
<p><b>Factors affecting habitat selection of the endangered Indian pangolin (<i>Manis crassicaudata</i>) in ravine habitats at the Himalayan foothills, Pakistan</b></p> <p><i>Romaan Hayat Khattak Shakeel Ahmad Tahir Mehmood Sakhawat Ali Yan Hua</i>  <i>Applied Ecology and Environmental Research</i> , Volume 21(6), Pages 5889-5899</p> <p><b>Impact Factor:</b> 0.7   <b>Quartile:</b> 4   <b>Citations:</b> 2  <b>DOI:</b> <a href="http://dx.doi.org/10.15666/aeer/2106_58895899">http://dx.doi.org/10.15666/aeer/2106_58895899</a></p>	2023
<p><b>Patterns, costs, and drivers of livestock depredations by leopards, in rural settlements of Pakistan</b></p> <p><i>Faraz Akrim Neelum Khurshed Jerrold L. Belant Tahir Mehmood Tariq Mehmood Aamish Rafique Siddiqua Qasim Alina Mushtaq Sanwal Aslam Zahid Ahmec Subhani Uzma Habib Shafqaat Ahmed Hashmi Asad Aslam Nadeem Munawar</i>  <i>Global Ecology and Conservation</i> , Volume 46, Article Number e02564</p> <p><b>Impact Factor:</b> 4.0   <b>Quartile:</b> 1   <b>Citations:</b> 7  <b>DOI:</b> <a href="https://doi.org/10.1016/j.gecco.2023.e02564">https://doi.org/10.1016/j.gecco.2023.e02564</a></p>	2023
<p><b>Optimizing Clustering Algorithms for Anti-Microbial Evaluation Data: A Majority Score-Based Evaluation of K-Means, Gaussian Mixture Model, and Multivariate T-Distribution Mixtures</b></p> <p><i>Hira Mahmood Tahir Mehmood D LAILA A. AL-ESSA</i></p>	2023

<p><i>IEEE Access</i> , Volume:11, Page:79793-79800</p> <p><b>Impact Factor:</b> 3.9   <b>Quartile:</b> 2   <b>Citations:</b> 10</p> <p><b>DOI:</b> 10.1109/ACCESS.2023.3288344</p>	
<p><b>Prescription drug dependence with and without concurrent illicit drug use: a multicenter cross-sectional survey among an addiction treatment seeking population</b></p> <p><i>Asma Nawaz Suzanne Nielsen Tahir Mehmood Abdullah Abdullah Waseem Ullah Ahmad Khan Ali Ahmed</i></p> <p><i>Frontiers in Psychiatry</i> , Volume 14, Article Number 1133606</p> <p><b>Impact Factor:</b> 4.7   <b>Quartile:</b> 2   <b>Citations:</b> 3</p> <p><b>DOI:</b> <a href="https://doi.org/10.3389/fpsyt.2023.1133606">https://doi.org/10.3389/fpsyt.2023.1133606</a></p>	2023
<p><b>Prediction of inhibition activity of dihydrofolate reductase inhibitors with multivariate adaptive regression splines and deep neural network</b></p> <p><i>Zanib Qayyum Tahir Mehmood Laila A. Al-Essa</i></p> <p><i>IEEE Access</i> , Volume 11, Pages 50595-50604</p> <p><b>Impact Factor:</b> 3.476   <b>Quartile:</b> 2   <b>Citations:</b> 1</p> <p><b>DOI:</b> 10.1109/ACCESS.2023.3272231</p>	2023
<p><b>Inverse Matrix Problem in Regression for High-Dimensional Data Sets</b></p> <p><i>Namra Shakeel Dr. Tahir Mehmood</i></p> <p><i>Mathematical Problems in Engineering</i> , Volume 2023, Article ID 2308541, 8 pages</p> <p><b>Impact Factor:</b> 0</p> <p><b>DOI:</b> 10.1155/2023/2308541</p>	2023
<p><b>Impacts of the Wild Boar (<i>Sus scrofa</i>) on the Livelihood of Rural Communities in Pakistan and Understanding Public Attitudes towards Wild Boars</b></p> <p><i>Romaan Hayat Khattak Liwei Teng Tahir Mehmood Shakeel Ahmad Zhensheng Liu</i></p> <p><i>Animals</i> , Volume 12(23), Article Number 3381</p> <p><b>Impact Factor:</b> 3.231   <b>Quartile:</b> 1   <b>Citations:</b> 12</p> <p><b>DOI:</b> <a href="https://doi.org/10.3390/ani12233381">https://doi.org/10.3390/ani12233381</a></p>	2022
<p><b>Evaluation of loci to predict ear morphology using two SNaPshot assays</b></p> <p><i>Saadia Noreen David Ballard Tahir Mehmood Arif Khan Tanveer Kahlid Allah Rakha</i></p> <p><i>Forensic Science, Medicine, and Pathology</i> , Pages 1-22</p> <p><b>Impact Factor:</b> 2.456   <b>Quartile:</b> 2   <b>Citations:</b> 3</p> <p><b>DOI:</b> doi: 10.1007/s12024-022-00545-7</p>	2022
<p><b>Classification of Thoracic Diseases Based on Chest X-ray Images Using Kernel Support Vector Machine</b></p> <p><i>Rijah Khan Tahir Mehmood</i></p> <p><i>Mathematical Problems in Engineering</i> , Volume 2022, Article ID 9457730, 9 pages</p> <p><b>Impact Factor:</b> 0   <b>Citations:</b> 2</p> <p><b>DOI:</b> <a href="https://doi.org/10.1155/2022/9457730">https://doi.org/10.1155/2022/9457730</a></p>	2022
<p><b>Role of community-based conservation and natural resource management in building climate resilience among vulnerable mountain societies</b></p> <p><i>Shameen Zafar Muhammad Zafar Khan Tahir Mehmood Farida Begum Maryam Sadiq</i></p> <p><i>Climate and Development</i> , Pages 1-14</p> <p><b>Impact Factor:</b> 4.653   <b>Quartile:</b> 1   <b>Citations:</b> 7</p> <p><b>DOI:</b> <a href="https://doi.org/10.1080/17565529.2022.2135365">https://doi.org/10.1080/17565529.2022.2135365</a></p>	2022
<p><b>A Perspective of the Human–Grey Wolf (<i>Canis lupus</i>) Conflicts in Kumrat Valley, Northern Pakistan</b></p> <p><i>Romaan Hayat Khattak LieWie Teng Tahir Mehmood Shakeel Ahmad Ejaz Ur Rehman Sayantani M. Basak Zhensheng Liu</i></p> <p><i>Diversity</i> , Volume 14(10), Article Number 887</p> <p><b>Impact Factor:</b> 3.031   <b>Quartile:</b> 2   <b>Citations:</b> 7</p> <p><b>DOI:</b> <a href="https://doi.org/10.3390/d14100887">https://doi.org/10.3390/d14100887</a></p>	2022
<p><b>Assessing human–Asiatic black bear (<i>Ursus thibetanus</i>) conflicts in Kumrat Valley—Western flanks of Hindu Kush Region, northern Pakistan</b></p> <p><i>Romaan HayatKhattak Tahir Mehmood Liwei Teng Shakeel Ahmad Ejaz UrRehman ZhenshengLiu</i></p> <p><i>Global Ecology and Conservation</i> , Volume 38, Article Number e02230</p> <p><b>Impact Factor:</b> 3.969   <b>Quartile:</b> 1   <b>Citations:</b> 9</p> <p><b>DOI:</b> <a href="https://doi.org/10.1016/j.gecco.2022.e02230">https://doi.org/10.1016/j.gecco.2022.e02230</a></p>	2022
<p><b>Prediction and Classification of COVID-19 Admissions to Intensive Care Units (ICU) Using Weighted Radial Kernel SVM Coupled with Recursive Feature Elimination (RFE)</b></p> <p><i>Huda M. Alshanbari Tahir Mehmood Waqas Sami Wael Alturaiki Bandar Alosaimi Mauawia A. Hamza</i></p>	2022

Life , Volume 12, Issue 7

**Impact Factor:** 3.251 | **Quartile:** 2 | **Citations:** 12

**DOI:** <https://doi.org/10.3390/life12071100>

**Prediction of COVID-19 severity from clinical and biochemical markers: a single-center study from Saudi Arabia**

2022

*H.M. Alshanbari W. Sami Tahir Mehmood M. Aboud T. Alanazi M.A Hamza I. Brema B. Alosaimi*

*European Review for Medical and Pharmacological Sciences*, Volume 26, Issue 7, Pages 2592-2601

**Impact Factor:** 3.507 | **Quartile:** 2 | **Citations:** 4

**DOI:** [10.26355/eurrev\\_202204\\_28497](https://doi.org/10.26355/eurrev_202204_28497)

**Naive Bayes combined with partial least squares for classification of high dimensional microarray data**

2022

*Tahir Mehmood Arzoo Kanwal Muhammad Moen Butt*

*Chemometrics and Intelligent Laboratory Systems*, Volume 222, Article Number 104492

**Impact Factor:** 3.900 | **Quartile:** 1 | **Citations:** 9

**DOI:** <https://doi.org/10.1016/j.chemolab.2022.104492>

**The aging behavior of microplastics manufactured from diverse polymers is predicted by the Johnsen index with regularized PLS**

2022

*Tahir Mehmood Muhammad Tahir Chen Zhi*

*Chemical Papers* , Pages 1-7

**Impact Factor:** 2.097 | **Quartile:** 3 | **Citations:** 3

**DOI:** [10.1007/s11696-022-02141-z](https://doi.org/10.1007/s11696-022-02141-z)

**Patterns of livestock depredation and Human–wildlife conflict in Misgar valley of Hunza, Pakistan**

2021

*Rubina Bano Akbar Khan Tahir Mehmood Saeed Abbas M Zafar Khan Arshad Ali Shedayi Sher Zaman Muhammad Ali Nawaz*

*Scientific Reports* , Volume 11, Article Number 23516

**Impact Factor:** 4.379 | **Quartile:** 1 | **Citations:** 11

**DOI:** <https://doi.org/10.1038/s41598-021-02205-2>

**Variable selection of spectroscopic data through monitoring both location and dispersion of PLS loading weights**

2021

*Tahir Mehmood Arslan Munir Turk*

*Journal of the Korean Statistical Society*, Volume 50, Issue 4, Pages 905-917

**Impact Factor:** 0.820 | **Quartile:** 4 | **Citations:** 1

**DOI:** [10.1007/s42952-020-00098-x](https://doi.org/10.1007/s42952-020-00098-x)

**Comparative study of hybrid and nanofluid flows amidst two rotating disks with thermal stratification: Statistical and numerical approaches**

2021

*Muhammad Ramzan Tahir Mehmood Hammad Alotaibi Hassan Ali S.Ghazwani Taseer Muhammad*

*Case Studies in Thermal Engineering*, Volume 28, Article Number 101596

**Impact Factor:** 4.724 | **Quartile:** 1 | **Citations:** 22

**DOI:** <https://doi.org/10.1016/j.csite.2021.101596>

**Optimized extraction of Pb (II) and Co (II) with glycolamide mono and di-ionic liquids using response surface methodology**

2021

*Tahir Mehmood Mudassir Iqbal*

*Journal of Chemometric*, Volume 35, Issue 12, Article Number e3382

**Impact Factor:** 2.467 | **Quartile:** 1 | **Citations:** 2

**DOI:** <https://doi.org/10.1002/cem.3382>

**Predicting Ethanol Steam Reforming Products of Au-Cu Supported over Nano-Shaped CeO<sub>2</sub> Using the Johnsen Measure in PLS**

2021

*Tahir Mehmood Chen Zhi Muhammad Tahir*

*Applied Sciences* , Volume 11(21), Article Number 10402

**Impact Factor:** N/A | **Citations:** 1

**DOI:** <https://doi.org/10.3390/app112110402>

**Using least angular regression to model the antibacterial potential of metronidazole complexes**

2021

*Tahir Mehmood Mudassir Iqbal Bushra Rafique*

*Scientific Reports* , Volume 11, Article Number: 19295

**Impact Factor:** 4.379 | **Quartile:** 1 | **Citations:** 2

**DOI:** <https://doi.org/10.1038/s41598-021-97897-x>

<b>Understanding the Dynamics of Human–Wildlife Conflicts in North-Western Pakistan: Implications for Sustainable Conservation</b> <i>Romaan Hayat Khattak Liwei Teng Tahir Mehmood Shakeel Ahmad Fathul Bari Ejaz Ur Rehman Zhensheng Liu</i> <i>Sustainability</i> , Volume 13(19), Article Number 10793 <b>Impact Factor:</b> 3.251   <b>Quartile:</b> 2   <b>Citations:</b> 21 <b>DOI:</b> <a href="https://doi.org/10.3390/su131910793">https://doi.org/10.3390/su131910793</a>	2021
<b>Soft threshold partial least squares predicts the survival fraction of malignant glioma cells against different concentrations of methotrexate's derivatives</b> <i>Tahir Mehmood Mudassir Iqbal</i> <i>Scientific Reports</i> , Volume 11, Article Number 18741 <b>Impact Factor:</b> 4.379   <b>Quartile:</b> 1   <b>Citations:</b> 1 <b>DOI:</b> <a href="https://doi.org/10.1038/s41598-021-97891-3">https://doi.org/10.1038/s41598-021-97891-3</a>	2021
<b>PLS and kernel SVM based hybrid classifier for discriminating FTIR spectrum data with limited sample size</b> <i>Arzoo Kanwal Tahir Mehmood Muhammad Moeen Butt</i> <i>Chemometrics and Intelligent Laboratory Systems</i> , Volume 215, Article Number 104365 <b>Impact Factor:</b> 4.175   <b>Quartile:</b> 1   <b>Citations:</b> 14 <b>DOI:</b> <a href="https://doi.org/10.1016/j.chemolab.2021.104365">https://doi.org/10.1016/j.chemolab.2021.104365</a>	2021
<b>Tukey Control Chart for Radon Monitoring in Relation to the Seismic Activity</b> <i>Tahir Mehmood Muhammad Awais</i> <i>Mathematical Problems in Engineering</i> , Volume 2021, Article ID 9999500, 8 pages <b>Impact Factor:</b> 1.430   <b>Quartile:</b> 3   <b>Citations:</b> 4 <b>DOI:</b> <a href="https://doi.org/10.1155/2021/9999500">https://doi.org/10.1155/2021/9999500</a>	2021
<b>A Flexible and Robust Approach to Analyze Survival Systems in the Presence of Extreme Observations</b> <i>Maryam Sadiq Tahir Mehmood</i> <i>Mathematical Problems in Engineering</i> , Volume 2021, Article ID 9927377, 11 pages <b>Impact Factor:</b> 1.430   <b>Quartile:</b> 3   <b>Citations:</b> 4 <b>DOI:</b> <a href="https://doi.org/10.1155/2021/9927377">https://doi.org/10.1155/2021/9927377</a>	2021
<b>Regularized Feature Selection in Categorical PLS for Multicollinear Data</b> <i>Tahir Mehmood</i> <i>Mathematical Problems in Engineering</i> , Volume 2021, Article ID 5561752, 8 pages <b>Impact Factor:</b> 1.430   <b>Quartile:</b> 3   <b>Citations:</b> 3 <b>DOI:</b> <a href="https://doi.org/10.1155/2021/5561752">https://doi.org/10.1155/2021/5561752</a>	2021
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