

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 2278, carried out 0 projects and filed 0 intellectual property.

Qualifications

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

Experience

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

Awards

HEC Talent Scholarship HEC Talent Scholarship for BSc studies	
HEC Talent Scholarship HEC Talent Scholarship for MSc studies	
HEC MS PhD schoalrship HEC Scholarship MS leading to PhD sties from Norway	

Research Articles

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

<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 Impact Factor: 2.800 Quartile: 1 Citations: 4 DOI: https://doi.org/10.1016/j.cplett.2024.141456	
Healthy life expectancy with cardiovascular disease among Chinese rural population based on the prospective cohort study <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 Impact Factor: 1.800 Quartile: 3 DOI: https://doi.org/10.26599/1671-5411.2024.08.006	2024
Classification of LAMOST spectra of B-type and hot subdwarf stars using kernel support vector machine <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 Impact Factor: 3.800 Quartile: 1 Citations: 2 DOI: https://doi.org/10.1038/s41598-024-66687-6	2024
Modeling slip flow of Bingham fluid induced by a porous revolving disk with viscous dissipation and Joule heating effects <i>Haleema Sadia Meraj Mustafa Hashmi Tahir Mehmood</i> <i>Journal of Thermal Analysis and Calorimetry</i>, Volume 149, Issue 11, Pages 5555-5567 Impact Factor: 3.0 Quartile: 2 Citations: 3 DOI: https://doi.org/10.1007/s10973-024-13260-y	2024
Exploring slip flow of viscoelastic fluid with frictional heating effects: Uncertainty analysis using response surface methodology (RSM) <i>Laiba Gull Ammar Mushtaq Tahir Mehmood Meraj Mustafa</i> <i>International Communications in Heat and Mass Transfer</i>, Volume:155, Article Number: 107548 Impact Factor: 7.0 Quartile: 1 Citations: 8 DOI: 10.1016/j.icheatmasstransfer.2024.107548	2024
Blasius–Rayleigh–Stokes nanofluid dusty flow influenced by Cattaneo–Christov double diffusion and melting heat transfer — application of response surface methodology <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 Impact Factor: 1.7 Quartile: 2 Citations: 2 DOI: 10.1142/S0217979224504289	2024
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 <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 Impact Factor: 0.400 Quartile: 4 DOI: https://www.acta-zoologica-bulgarica.eu/2023/002589	2023
Factors affecting habitat selection of the endangered Indian pangolin (<i>Manis crassicaudata</i>) in ravine habitats at the Himalayan foothills, Pakistan <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 Impact Factor: 0.7 Quartile: 4 Citations: 2 DOI: http://dx.doi.org/10.15666/aeer/2106_58895899	2023
Patterns, costs, and drivers of livestock depredations by leopards, in rural settlements of Pakistan <i>Faraz Akrim Neelum Khursheed Jerrold L. Belant Tahir Mehmood Tariq Mehmood Aamish Rafique Siddiqi 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 Impact Factor: 4.0 Quartile: 1 Citations: 7 DOI: https://doi.org/10.1016/j.gecco.2023.e02564	2023
Optimizing Clustering Algorithms for Anti-Microbial Evaluation Data: A Majority Score-Based Evaluation of K-Means, Gaussian Mixture Model, and Multivariate T-Distribution Mixtures <i>Hira Mahmood Tahir Mehmood D LAILA A. AL-ESSA</i>	2023

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

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 CeO₂ 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>

Understanding the Dynamics of Human–Wildlife Conflicts in North-Western Pakistan: Implications for Sustainable Conservation <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 Impact Factor: 3.251 Quartile: 2 Citations: 21 DOI: https://doi.org/10.3390/su131910793	2021
Soft threshold partial least squares predicts the survival fraction of malignant glioma cells against different concentrations of methotrexate's derivatives <i>Tahir Mehmood Mudassir Iqbal</i> <i>Scientific Reports</i> , Volume 11, Article Number 18741 Impact Factor: 4.379 Quartile: 1 Citations: 1 DOI: https://doi.org/10.1038/s41598-021-97891-3	2021
PLS and kernel SVM based hybrid classifier for discriminating FTIR spectrum data with limited sample size <i>Arzoo Kanwal Tahir Mehmood Muhammad Moeen Butt</i> <i>Chemometrics and Intelligent Laboratory Systems</i>, Volume 215, Article Number 104365 Impact Factor: 4.175 Quartile: 1 Citations: 14 DOI: https://doi.org/10.1016/j.chemolab.2021.104365	2021
Tukey Control Chart for Radon Monitoring in Relation to the Seismic Activity <i>Tahir Mehmood Muhammad Awais</i> <i>Mathematical Problems in Engineering</i> , Volume 2021, Article ID 9999500, 8 pages Impact Factor: 1.430 Quartile: 3 Citations: 4 DOI: https://doi.org/10.1155/2021/9999500	2021
A Flexible and Robust Approach to Analyze Survival Systems in the Presence of Extreme Observations <i>Maryam Sadiq Tahir Mehmood</i> <i>Mathematical Problems in Engineering</i> , Volume 2021, Article ID 9927377, 11 pages Impact Factor: 1.430 Quartile: 3 Citations: 4 DOI: https://doi.org/10.1155/2021/9927377	2021
Regularized Feature Selection in Categorical PLS for Multicollinear Data <i>Tahir Mehmood</i> <i>Mathematical Problems in Engineering</i> , Volume 2021, Article ID 5561752, 8 pages Impact Factor: 1.430 Quartile: 3 Citations: 3 DOI: https://doi.org/10.1155/2021/5561752	2021
Majority scoring based PLS filter mixture for variable selection in spectroscopic data <i>Freeh N. Alenezi Freeh N. Alenezi Tahir Mehmood</i> <i>Chemometrics and Intelligent Laboratory Systems</i>, Volume 212, Article Number 104282 Impact Factor: 4.175 Quartile: 1 Citations: 4 DOI: https://doi.org/10.1016/j.chemolab.2021.104282	2021
Hostile Interactions of Punjab Urial (<i>Ovis vignei punjabiensis</i>) towards Indian Gazelle (<i>Gazella bennettii</i>) during Feeding Sessions in Captive Breeding Settings <i>Romaan Hayat Khattak Liwei Teng Tahir Mehmood Ejaz Ur Rehman Zhirong Zhang Zhensheng Liu</i> <i>Animals</i> , Volume 11(5), Article Number 1274 Impact Factor: 3.231 Quartile: 1 Citations: 4 DOI: https://doi.org/10.3390/ani11051274	2021
Application of response surface methodology on the nanofluid flow over a rotating disk with autocatalytic chemical reaction and entropy generation optimization <i>Tahir Mehmood Muhammad Ramzan Fares Howari Seifedine Kadry Yu-Ming Chu</i> <i>Scientific Reports</i> , Volume 11, Article Number: 4021 Impact Factor: 4.997 Quartile: 2 Citations: 50 DOI: https://doi.org/10.1038/s41598-021-81755-x	2021
Variable selection of spectroscopic data through monitoring both location and dispersion of PLS loading weights <i>Tahir Mehmood Arslan Munir Turk</i> <i>Journal of the Korean Statistical Society</i>, Pages 1-16 Impact Factor: 0.820 Quartile: 4 Citations: 1 DOI: https://doi.org/10.1007/s42952-020-00098-x	2021

FTIR Fingerprints Discriminate Ionic Liquids' Antibacterial Activity <i>Tahir Mehmood Mudassir Iqbal</i> <i>Chemometrics and Intelligent Laboratory Systems</i> , Volume 208, Article Number 104200 Impact Factor: 4.175 Quartile: 1 Citations: 6 DOI: https://doi.org/10.1016/j.chemolab.2020.104200	2021
Automated detection of diabetic retinopathy using machine learning classifiers <i>K.M. Alabdulwahhab W. Sami Tahir Mehmood S.A. Meo T.A. Alasbal F.A. Alwadani</i> <i>European Review for Medical and Pharmacological Sciences</i> , Volume 25(2), Pages 583-590 Impact Factor: 3.784 Quartile: 2 Citations: 27 DOI: 10.26355/eurrev_202101_24615	2021
Insight into occupancy determinants and conflict dynamics of grey wolf (Canis lupus) in the dry temperate zone of Hindukush Range <i>Ejaz Ur Rehman Jaffar Ud Din Shakeel Ahmad Shoaib Hameed Khurshid Ali Shah Tahir Mehmood Muhammad Ali Nawaz</i> <i>Global Ecology and Conservation</i> , Volume 25, Article Number e01402 Impact Factor: 3.970 Quartile: 1 Citations: 17 DOI: https://doi.org/10.1016/j.gecco.2020.e01402	2021
Predictors of hcv seroconversion among end-stage renal disease patients in hemodialysis unit. <i>Fakhara Bukhari Ahmad Khan Tahir Mehmood</i> <i>Bulletin of Pharmaceutical Sciences</i> , Volume 43(2), Pages 199-208 Impact Factor: 0 DOI: https://bpsa.journals.ekb.eg/article_127415_d64b8579f93abca653915e19eae02f8f.pdf	2020
Prediction of antibacterial activity in ionic liquids through FTIR spectroscopy with selection of wavenumber by PLS <i>Tahir Mahmood Mudassir Iqbal RabiaHassan</i> <i>Chemometrics and Intelligent Laboratory Systems</i> , Volume 206, Article Number 104124 Impact Factor: 3.491 Quartile: 1 Citations: 17 DOI: https://doi.org/10.1016/j.chemolab.2020.104124	2020
Comparison of variable selection methods in partial least squares regression <i>Tahir Mehmood Solve Sæbø Kristian Hovde Liland</i> <i>Journal of Chemometrics</i> , Volume 34, Issue 6, Article Number e3226 Impact Factor: 2.467 Quartile: 3 Citations: 148 DOI: https://doi.org/10.1002/cem.3226	2020
Assessment of maternal health services utilization in Pakistan: the role of socio-demographic characteristics <i>Muhammad Aslam Maryam Sadiq Tahir Mehmood</i> <i>Asian Biomedicine</i> , Volume 14, Issue 1, Pages 3-7 Impact Factor: 0.267 Quartile: 4 Citations: 9 DOI: https://doi.org/10.1515/abm-2020-0002	2020
Evaluation of Medication Adherence and its Predictors Among Psychiatric Outpatients at a Mental Healthcare Hospital in Lahore, Pakistan: A Cross-Sectional Study <i>Ayesha Shaheen Sarwar Ahmad Khan Tahir Mehmood Jallat Khan Munira Johar Ayesha Shaheen Sarwar Ahmad Khan Jallat Khan Munira Johar</i> <i>American Scientific Research Journal for Engineering, Technology, and Sciences</i> , Volume 63, No.1, Pages 193-204 Impact Factor: 0 DOI: https://asrjetsjournal.org/index.php/American_Scientific_Journal/article/view/5856	2020
Long-lasting patterns of radon in groundwater at Panzhihua, China: Results from DFA, fractal dimensions and residual radon concentration <i>Aftab Alam Nanping Wang Guofeng Zhao Tahir Mehmood Dimitrios Nikolopoulos</i> <i>Geochemical Journal</i> , Volume 53, Issue 6, Pages 341-358 Impact Factor: 1.149 Quartile: 4 Citations: 10 DOI: https://doi.org/10.2343/geochemj.2.0571	2019
Filter-Based Factor Selection Methods in Partial Least Squares Regression <i>Maryam Sadiq Muhammad Aslam Tahir Mehmood</i> <i>IEEE Access</i> , Volume 7, Pages 153499-153508 Impact Factor: 3.745 Quartile: 1 Citations: 13 DOI: doi.org/10.1109/ACCESS.2019.2948782	2019

A transboundary study of spatiotemporal patterns of livestock predation and prey preferences by snow leopard and wolf in the Pamir <i>Jaffar UdDin Muhammad Ali Nawaz Tahir Mehmood Hussain Ali Aziz Ali Durriyyah Sharifah Hasan Adli Yusoff Norma-Rashid</i> <i>Global Ecology and Conservation</i> , Volume 20, Article No e00719 Impact Factor: 2.526 Quartile: 2 Citations: 14 DOI: https://doi.org/10.1016/j.gecco.2019.e00719	2019
Identifying the factors associated with cesarean section modeled with categorical correlation coefficients in partial least squares <i>Maryam Sadiq Tahir Mehmood Muhammad Aslam</i> <i>PLoS ONE</i> , Volume 14, Issue 7, Article Number e0219427 Impact Factor: 2.740 Quartile: 2 Citations: 20 DOI: 10.1371/journal.pone.0219427	2019
PLS Modeling the Starch Contents of Corn Data Measured Through Different NIR Spectrometers <i>Tahir Mehmood</i> <i>International Journal of Food Engineering</i> , Volume 5, No. 2, Pages 132-135 Impact Factor: 0 DOI: doi: 10.18178/ijfe.5.2.132-135	2019
Saccharomyces cerevisiae genotype phenotype mapping through leptokurtic PLS loading weights. <i>Gulshan Sharif Tahir Mahmood</i> <i>INTERNATIONAL JOURNAL OF DATA MINING AND BIOINFORMATICS</i>, NULL Impact Factor: 0.814 Quartile: 4 DOI: 10.1504/IJDMB.2018.095553	2018
Monitoring and descriptive analysis of radon in relation to seismic activity of Northern Pakistan. <i>Zeeshan Jilani Aftab Alam Muhammad Awais Talat Iqbal Tahir Mehmood</i> <i>Journal of Environmental Radioactivity</i> , Volume: 172 Pages: 43-51 Impact Factor: 2.263 Quartile: 2 Citations: 37 DOI: 10.1016/j.jenvrad.2017.03.010	2017
Pastoralist-predator interaction at the roof of the world: Conflict dynamics and implications for conservation. <i>Jaffar Ud Din Aziz Ali Tahir Mehmood Hussain Ali Muhammad Younus Yusoff Norma-Rashid Muhammad Ali Nawaz</i> <i>Ecology and Society</i> , Volume: 22 Issue: 2 Impact Factor: 3.256 Quartile: 1 Citations: 38 DOI: 10.5751/es-09348-220232	2017
Carnivores' diversity and conflicts with humans in Musk Deer National Park, Azad Jammu and Kashmir, Pakistan <i>Shakeel Ahmad Shoaib Hameed Hussain Ali Tauheed Ullah Khan Tahir Mehmood Muhammad Ali Nawaz</i> <i>European Journal of Wildlife Research</i> , Volume 62, Issue 5, Pages 565-576 Impact Factor: 1.264 Quartile: 2 Citations: 35 DOI: 10.1007/s10344-016-1029-6	2016
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