



# University of Central Punjab, Lahore

## Faculty of Sciences & Technology (FOST) - 2024

### ▪ Journal Publications (January-December, 2024)

Sr. No.	Faculty Member's Name	Publication Title	Journal	Category	Impact Factor	Year
1	Dr. Muhammad Naveed	Global burden of 288 causes of death and life expectancy decomposition in 204 countries and territories and 811 subnational locations, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021	Lancet, The	W	98.4	2024
2	Dr. Muhammad Naveed	Global age-sex-specific mortality, life expectancy, and population estimates in 204 countries and territories and 811 subnational locations, 1950–2021, and the impact of the COVID-19 pandemic: a comprehensive demographic analysis for the Global Burden of Disease Study 2021	Lancet, The	W	98.4	2024

3	Dr. Muhammad Naveed	Burden of disease scenarios for 204 countries and territories, 2022–2050: a forecasting analysis for the Global Burden of Disease Study 2021	Lancet, The	W	98.4	2024
4	Dr. Muhammad Naveed	Global fertility in 204 countries and territories, 1950–2021, with forecasts to 2100: a comprehensive demographic analysis for the Global Burden of Disease Study 2021	Lancet, The	W	98.4	2024
5	Dr. Muhammad Naveed	Forecasting the effects of smoking prevalence scenarios on years of life lost and life expectancy from 2022 to 2050: a systematic analysis for the Global Burden of Disease Study 2021	Lancet Public Health, The	W	25.4	2024
6	Dr. Muhammad Naveed	The natural breakthrough: phytochemicals as potent therapeutic agents against spinocerebellar ataxia type 3	Scientific Reports	W	3.8	2024
7	Dr. Muhammad Naveed	Assessment of Melia azedarach Plant Extracts Activity Against Hypothetical Protein of Mycobacterium tuberculosis via GC-MS Analysis and In Silico Approaches	Journal of Computational Biophysics and Chemistry	Y	2	2024

8	Dr. Muhammad Naveed	Global, regional, and national progress towards the 2030 global nutrition targets and forecasts to 2050: a systematic analysis for the Global Burden of Disease Study 2021	Lancet, The	W	98.4	2024
9	Dr. Muhammad Naveed	Designing a novel chimeric multi-epitope vaccine subunit against <i>Staphylococcus argenteus</i> through artificial intelligence approach integrating pan-genome analysis, in vitro identification, and immunogenicity profiling	Journal of Biomolecular Structure and Dynamics	X	2.7	2024
10	Dr. Muhammad Naveed	Development and immunological evaluation of an mRNA-based vaccine targeting <i>Naegleria fowleri</i> for the treatment of primary amoebic meningoencephalitis	Scientific Reports	W	3.8	2024
11	Dr. Muhammad Naveed	Biodegradation of PVCs through in-vitro identification of <i>Bacillus albus</i> and computational pathway analysis of ABH enzyme	Biodegradation	X	3.1	2024
12	Dr. Muhammad Naveed	Assessment of the whole genome sequencing of <i>Lactiplantibacillus plantarum</i> 13-3 for elucidation of novel bacteriocin producing gene cluster and confirmation of its potential probiotic functionality and safety applications	CYTA - Journal of Food	X	2	2024

13	Dr. Muhammad Naveed	Revolutionizing the virulent protein Internalin a in <i>Listeria monocytogenes</i> and designing multi epitope-based vaccine via immunoinformatic approaches	CYTA - Journal of Food	X	2	2024
14	Dr. Muhammad Naveed	Global, regional, and national burden of HIV/AIDS, 1990–2021, and forecasts to 2050, for 204 countries and territories: the Global Burden of Disease Study 2021	Lancet HIV, The	W	12.8	2024
15	Dr. Muhammad Naveed	Whole Genome Analysis of Tibetan Kefir-Derived <i>Lactiplantibacillus Plantarum</i> 12-3 Elucidates Its Genomic Architecture, Antimicrobial and Drug Resistance, Potential Probiotic Functionality and Safety	Frontiers in Bioscience-Landmark	Y	3.3	2024
16	Dr. Muhammad Naveed	An <i>Aedes</i> – <i>Anopheles</i> Vaccine Candidate Supplemented with BCG Epitopes Against the <i>Aedes</i> and <i>Anopheles</i> Genera to Overcome Hypersensitivity to Mosquito Bites	Acta Parasitologica	X	1.2	2024
17	Dr. Muhammad Naveed	Investigating the anti-cancer compounds from <i>Calliandra harrisii</i> for precision medicine in pancreatic cancer via in-silico drug design and GC-MS analysis	Zeitschrift fur Naturforschung - Section C Journal of Biosciences	X	1.8	2024

18	Dr. Muhammad Naveed	Designing a Multiepitope Vaccine against the Foodborne Pathogenic Bacteria <i>Listeria monocytogenes</i> Using Subtractive Immunoinformatics Approaches	Frontiers in Bioscience-Landmark	Y	3.3	2024
19	Dr. Muhammad Naveed	Spatially Resolved Transcriptomics Reveals Local Invasion-Related Genes in Liver Hepatocellular Carcinoma: Exploring the Therapeutic Potential of a Chimeric Protein Targeting Glypican-3	Journal of Computational Biophysics and Chemistry	Y	2	2024
20	Dr. Muhammad Naveed	Genotypic Profiling, Functional Analysis, Cholesterol-Lowering Ability, and Angiotensin I-Converting Enzyme (ACE) Inhibitory Activity of Probiotic <i>Lactiplantibacillus plantarum</i> K25 via Different Approaches	Probiotics and Antimicrobial Proteins	X	4.4	2024
21	Dr. Muhammad Naveed	Pharmacological evaluation and phytochemical profiling of butanol extract of <i>L. edodes</i> with in- silico virtual screening	Scientific Reports	W	3.8	2024
22	Dr. Muhammad Naveed	Mix-match synthesis of nanosynbiotics from probiotics and prebiotics to counter gut dysbiosis via AI integrated formulation profiling	Scientific Reports	W	3.8	2024

23	Dr. Muhammad Naveed	Global estimates on the number of people blind or visually impaired by Uncorrected Refractive Error: a meta-analysis from 2000 to 2020	Eye (0950-222X, 1476-5454)	W	2.8	2024
24	Dr. Muhammad Naveed	Optimizing the resveratrol fragments for novel in silico hepatocellular carcinoma de novo drug design	Scientific Reports	W	3.8	2024
25	Dr. Muhammad Naveed	Comparative analysis among the degradation potential of enzymes obtained from Escherichia coli against the toxicity of sulfur dyes through molecular docking	Zeitschrift fur Naturforschung - Section C Journal of Biosciences	X	1.8	2024
26	Dr. Muhammad Naveed	Comparative toxicity assessment of fisetin-aided artificial intelligence-assisted drug design targeting epibulbar dermoid through phytochemicals	Open Chemistry	Y	2.1	2024
27	Dr. Muhammad Naveed	Integrated track of nano-informatics coupling with the enrichment concept in developing a novel nanoparticle targeting ERK protein in Naegleria fowleri	Open Chemistry	Y	2.1	2024
28	Dr. Muhammad Naveed	Transient comparison of techniques to counter multi-drug resistant bacteria: prime modules in curation of bacterial infections	Frontiers in Antibiotics	Non-Recognized	Non-Impact Factor	2024

29	Dr. Muhammad Naveed	Unveiling the whole genomic features and potential probiotic characteristics of novel <i>Lactiplantibacillus plantarum</i> HMX2	Frontiers in Microbiology	W	4	2024
30	Dr. Muhammad Naveed	Green-synthesis of silver nanoparticles AgNPs from <i>Podocarpus macrophyllus</i> for targeting GBM and LGG brain cancers via NOTCH2 gene interactions	Scientific Reports	W	3.8	2024
31	Dr. Muhammad Naveed	Revolutionizing the probiotic functionality, biochemical activity, antibiotic resistance and specialty genes of <i>Pediococcus acidilactici</i> BCB1H via in-vitro and in-silico approaches	Zeitschrift fur Naturforschung - Section C Journal of Biosciences	X	1.8	2024
32	Dr. Muhammad Naveed	Redefining a new frontier in alkaptonuria therapy with AI-driven drug candidate design via in-silico innovation	Zeitschrift fur Naturforschung - Section C Journal of Biosciences	X	1.8	2024
33	Dr. Muhammad Naveed	Drug-use disorders in the Eastern Mediterranean Region: a glance at GBD 2019 findings	Social Psychiatry and Psychiatric Epidemiology	W	3.6	2024
34	Dr. Muhammad Naveed	The Prominence of the Broad-Spectrum Protease inhibitor gene A2ML1 as a potential biomarker in cervical cancer diagnostics using Immunotherapeutic and Multi-Omics approaches	International Immunopharmacology	W	4.8	2024

35	Dr. Muhammad Naveed	Evaluating the MDCK cell permeability of greenly synthesized bimetallic Ag/Zn Nanoparticles using leaf extract of <i>Vallisneria spiralis</i> as a potential anti-pesticide-resistant agent	Zeitschrift für Naturforschung - Section C Journal of Biosciences	X	1.8	2024
36	Dr. Muhammad Naveed	Natural AI-based drug designing by modification of ascorbic acid and curcumin to combat bupropion toxicity by using molecular dynamics study	Scientific Reports	W	3.8	2024
37	Dr. Muhammad Naveed	GC-MS analysis of <i>Lactobacillus plantarum</i> YW11 metabolites and its computational analysis on familial pulmonary fibrosis hub genes	Open Chemistry	Y	2.1	2024
38	Dr. Muhammad Naveed	Molecular identification of <i>Proteus mirabilis</i> , <i>Vibrio</i> species leading to CRISPR-Cas9 modification of <i>tcpA</i> and <i>UreC</i> genes causing cholera and UTI	Scientific Reports	W	3.8	2024
39	Dr. Muhammad Naveed	Global burden and strength of evidence for 88 risk factors in 204 countries and 811 subnational locations, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021	Lancet, The	W	98.4	2024
40	Dr. Muhammad Naveed	Computational biology assisted exploration of phytochemicals derived natural inhibitors to block BZLF1 gene activation of Epstein–Bar virus in host	Scientific Reports	W	3.8	2024



41	Dr. Muhammad Naveed	Rational computational design and development of an immunogenic multiepitope vaccine incorporating transmembrane proteins of <i>Staphylococcus lugdunensis</i>	International Immunopharmacology	W	4.8	2024
42	Dr. Muhammad Naveed	Differentially Expressed Genes in Lung Cancer: Molecular Docking of Hypoxanthine Guanine-Phosphoribosyl Transferase with Dibutyl Phthalate	Journal of Computational Biophysics and Chemistry	Y	2	2024
43	Dr. Muhammad Naveed	Characterization of mercury ameliorating rhizobacteria for enhancing growth and yield of <i>Triticum aestivum</i> L. in the field: An in-vitro and in- silico study	South African Journal of Botany	W	2.7	2024
44	Dr. Muhammad Naveed	Transcriptomic Analysis for Elucidating the Therapeutic Potential of Sitagliptin Against the Identified TOP2A/UBE2C/CKS2 Genes as Mutually Inclusive Theragnostic Signatures of Bladder and Prostate Cancer	Journal of Computational Biophysics and Chemistry	Y	2	2024
45	Dr. Muhammad Naveed	Exploring the Genetic and Molecular Connection between Autism and Huntington's Disease via Transcriptomics and Biological Interaction Networks Analysis	Journal of Computational Biophysics and Chemistry	Y	2	2024

46	Dr. Muhammad Naveed	An in silico approach uncovering the competency of oncolytic human adenovirus 52 for targeted breast cancer virotherapy	Scientific Reports	W	3.8	2024
47	Dr. Muhammad Naveed	Innovative Approach of High-Throughput Screening in the Drug Discovery Quest for Chronic Bronchitis Treatment	Journal of Computational Biophysics and Chemistry	Y	2	2024
48	Dr. Muhammad Naveed	CRISPR-Cas9 guided RNA-based model for the silencing of spinal bulbar muscular atrophy: A functional genetic disorder	Cellular and Molecular Biology	Y	Non-Impact Factor	2024
49	Dr. Muhammad Naveed	Designing an mRNA Vaccine against P. jirovecii Involved in Fatal Pneumonia Infections via Comparative Proteomics and Reverse Vaccinology Approaches	Frontiers in Bioscience-Landmark	Y	3.3	2024
50	Dr. Muhammad Naveed	Integrating 16S rRNA profiling and in-silico analysis for an epitope-based vaccine strategy against Achromobacter xylosoxidans infection	International Immunopharmacology	W	4.8	2024
51	Dr. Muhammad Naveed	Burden of disease scenarios for 204 countries and territories, 2022–2050: a forecasting analysis for the Global Burden of Disease Study 2021	Lancet, The	W	98.4	2024

52	Dr. Muhammad Naveed	Global fertility in 204 countries and territories, 1950–2021, with forecasts to 2100: a comprehensive demographic analysis for the Global Burden of Disease Study 2021	Lancet, The	W	98.4	2024
53	Dr. Muhammad Naveed	In-vitro Isolation of <i>Serratia marcescens</i> and Computational Analysis of Lipase-Chitinase as a Hybrid Enzyme for the Degradation of Fungicides to Sustain the Ecosystem	Journal of Computational Biophysics and Chemistry	Y	2	2024
54	Dr. Muhammad Naveed	Spatially Resolved Transcriptomic Profiling of PRAME Oncogene Expression in Skin Cutaneous Melanoma: Elucidating Dermato-Oncology Therapy through Molecular Docking	Journal of Computational Biophysics and Chemistry	Y	2	2024
55	Dr. Sumera Zaib	Probiotics and their Beneficial Health Effects	Mini-Reviews in Medicinal Chemistry	X	Non-Impact Factor	2024
56	Dr. Sumera Zaib	Identification of isobenzofuranone derivatives as promising antidiabetic agents: Synthesis, in vitro and in vivo inhibition of $\alpha$ -glucosidase and $\alpha$ -amylase, computational docking analysis and molecular dynamics simulations	International Journal of Biological Macromolecules	W	8.2	2024

57	Dr. Sumera Zaib	Cooperative assemblies featuring hydrogen bonding and Csingle bondH... $\pi$ interactions in 2-(methanesulfonamido)benzohydrazide derivatives: Experimental, computational and biochemical assessment	Journal of Molecular Structure	W	3.8	2024
58	Dr. Sumera Zaib	Acyl pyrazole sulfonamides as new antidiabetic agents: synthesis, glucosidase inhibition studies, and molecular docking analysis	Frontiers in Chemistry	W	5.5	2024
59	Dr. Sumera Zaib	Targeting carbonic anhydrases II/IX/XII with novel series of coumarin-based compounds: Synthesis, biological activity and molecular dynamics analysis	Journal of Molecular Structure	W	3.8	2024
60	Dr. Sumera Zaib	An evaluation of inflammatory and endothelial dysfunction markers as determinants of peripheral arterial disease in those with diabetes mellitus	Scientific Reports	W	3.8	2024
61	Dr. Sumera Zaib	Synergistic effect of hydrogen bonding and C–H... $\pi$ interactions to modulate the supramolecular assemblies of isobenzofuranones: X-ray crystallography, DFT analysis and antihyperglycemic potential	Journal of Molecular Structure	W	4	2024
62	Dr. Sumera Zaib	Nutritional and Health Benefits of Cereals and Grains	Current Nutrition and Food Science	Y	0.8	2024

63	Dr. Sumera Zaib	Supramolecular networks featuring diverse array of noncovalent interactions in crystals of hydrazinylidene-benzothiazinediones: X-ray crystallographic, DFT and biochemical analysis	Journal of Molecular Structure	W	3.8	2024
64	Dr. Sumera Zaib	Synthesis, Glucosidase Inhibition, and In Silico Modeling Analysis of Highly Fluorinated 2-Imino-1,3-thiazolines in Search of Potent Antidiabetic Agents	ACS Omega	W	4.1	2024
65	Dr. Sumera Zaib	Synthesis and biological evaluation of pyridylpiperazine hybrid derivatives as urease inhibitors	Frontiers in Chemistry	W	5.5	2024
66	Dr. Sumera Zaib	Energetic features of H-bonded and antiparallel $\pi$ -stacked supramolecular assemblies in pyrazolones: Experimental, computational and biological analyses	Journal of Molecular Structure	W	4	2024
67	Dr. Sumera Zaib	Hydrogen bonding, halogen bonding and C–H... $\pi$ interactions governing the supramolecular architecture of 1-(4-(4-bromophenyl)piperazin-1-yl)-2-chloroethan-1-one: Insights from X-ray crystallography, DFT calculations and urease inhibitory assessment	Journal of Molecular Structure	W	4	2024

68	Dr. Sumera Zaib	Exploration of morpholine-thiophene hybrid thiosemicarbazones for the treatment of ureolytic bacterial infections via targeting urease enzyme: Synthesis, biochemical screening and computational analysis	Frontiers in Chemistry	W	5.5	2024
69	Dr. Sumera Zaib	Fabrication and evaluation of anticancer potential of diosgenin incorporated chitosan-silver nanoparticles; in vitro, in silico and in vivo studies	International Journal of Biological Macromolecules	W	8.2	2024
70	Dr. Sumera Zaib	Therapeutic Chemoresistance in Ovarian Cancer: Emerging Hallmarks, Signaling Mechanisms and Alternative Pathways	Current Medicinal Chemistry	W	4.1	2024
71	Dr. Sumera Zaib	Design and discovery of urease and Helicobacter pylori inhibitors based on benzofuran/benzothiophene-sulfonate and sulfamate scaffolds for the treatment of ureolytic bacterial infections	International Journal of Biological Macromolecules	W	8.2	2024
72	Dr. Sumera Zaib	Purinergic Signaling and its Role in the Stem Cell Differentiation	Mini-Reviews in Medicinal Chemistry	X	Non-Impact Factor	2024
73	Dr. Sumera Zaib	Synthesis, characterization, pharmacological and computational evaluation of hyaluronic acid modified chebulinic acid encapsulated chitosan nanocomposite for cancer therapy	International Journal of Biological Macromolecules	W	8.2	2024

74	Dr. Sumera Zaib	Mutational analysis of consanguineous families and their targeted therapy against dwarfism	Journal of Biomolecular Structure and Dynamics	W	4.4	2024
75	Dr. Sumera Zaib	Effect of Magnesium Sulphate on Optic Nerve Sheath Diameter as an Indirect Measure of Intra-Cranial Pressure: A Case Study of Eclampsia Patients	Annals of King Edward Medical University	Y	Non-Impact Factor	2024
76	Dr. Sumera Zaib	Hyaluronic acid functionalized chitosan nanoparticles for the delivery of ellagic acid to breast cancer cells: Fabrication, characterization and pharmacological assessment	Journal of Drug Delivery Science and Technology	W	4.5	2024
77	Dr. Sumera Zaib	Regioselective metal-free synthesis of sulfostyryl-quinoline hybrid framework: Experimental and computational mechanistic insights	Journal of Molecular Structure	W	4	2024
78	Dr. Sumera Zaib	Evaluation of antifungal potentials of Albizia kalkora extract as a natural fungicide: In vitro and computational studies	Bioorganic Chemistry	W	4.5	2024
79	Dr. Sumera Zaib	Pyridylpiperazine-based carbodithioates as urease inhibitors: synthesis and biological evaluation	Frontiers in Chemistry	W	5.5	2024

80	Dr. Sumera Zaib	Design and discovery of anthranilamide derivatives as a potential treatment for neurodegenerative disorders via targeting cholinesterases and monoamine oxidases	International Journal of Biological Macromolecules	W	8.2	2024
81	Dr. Sumera Zaib	Knowledge, Attitude and Practices Towards Breast Cancer Screening among Female Physicians from Tertiary Care Centre in Pakistan Policies	Avicenna Journal of Health Sciences (3007-1720, 3007-1739)	Non-Recognized	Non-Impact Factor	2024
82	Dr Muhammad Akhyar Farrukh	Optimization of lead (II) and chromium (VI) adsorption using graphene oxide/ZnO/chitosan nanocomposite by response surface methodology	Applied Surface Science	W	6.7	2024
83	Dr Muhammad Akhyar Farrukh	Algal macromolecular mediated synthesis of nanoparticles for their application against citrus canker for food security	International Journal of Biological Macromolecules	W	8.2	2024
84	Dr Muhammad Akhyar Farrukh	Enhancing the photocatalytic efficiency of green synthesized MoO <sub>3</sub> and MnO nanoparticles by making heterojunction with graphene oxide	Journal of the Taiwan Institute of Chemical Engineers	W	5.5	2024
85	Dr Muhammad Akhyar Farrukh	Citrus limetta essential oil mediated synthesis of Dy <sub>2</sub> O <sub>3</sub> /Eu <sub>2</sub> O <sub>3</sub> /rGO nanocomposite for the removal of ciprofloxacin under irradiation of visible and UV light	Materials Science and Engineering B: Solid-State Materials for Advanced Technology	W	3.6	2024



86	Dr Muhammad Akhyar Farrukh	pH-dependent synthesis of CeO <sub>2</sub> -ZnO nanocomposite for enhanced environmental remediation of endosulfan and dimethoate pesticides	Journal of Molecular Structure	W	3.8	2024
87	Dr Muhammad Akhyar Farrukh	Polymer-assisted synthesis of ternary magnetic graphene oxide nanocomposite for the adsorptive removal of Cr(VI) and Pb(II) ions	Heliyon	W	3.4	2024
88	Dr Muhammad Akhyar Farrukh	Elucidating the structural, catalytic, and antibacterial traits of Ficus carica and Azadirachta indica leaf extract-mediated synthesis of the Ag/CuO/rGO nanocomposite	Microscopy Research and Technique	W	2.5	2024
89	Dr Muhammad Akhyar Farrukh	Graphene oxide-mediated green synthesis of Ag, Co <sub>3</sub> O <sub>4</sub> and ZnO nanocomposites for multifunctional antimicrobial applications	Journal of Sol-Gel Science and Technology	X	2.3	2024
90	Dr Muhammad Akhyar Farrukh	Advanced Machine Learning Algorithms for Accurate Prediction of Band Gaps in Rare Earth Metal Oxides Nanoparticles	ES Energy & Environment (ESEE)	Non-Recognized	Non-Impact Factor	2024
91	Dr. Hafiz Rizwan Sharif	Optimization of Extraction Process and Estimation of Flavonoids from Fenugreek Using Green Extracting Deep Eutectic Solvents Coupled with Ultrasonication	Food and Bioprocess Technology	W	5.3	2024
92	Dr. Hafiz Rizwan Sharif	New Insights into Health-Promoting Effects of Nobiletin from Citrus Fruits	Food Reviews International	W	5.8	2024

93	Dr. Hafiz Rizwan Sharif	Ultrasonication-assisted deep eutectic solvent extraction of flavonoids from pretreated fenugreek and their antidiabetic & hypo-lipidemic potential	Journal of Food Measurement and Characterization	W	3.4	2024
94	Dr. Hafiz Rizwan Sharif	Preparation, Characterization, and Controlled Release of Fenugreek Seed Extract-Loaded Nanoliposomes with Chitosan Surface Decoration	Food and Bioprocess Technology	W	5.3	2024
95	Dr. Hafiz Rizwan Sharif	A STUDY OF ASSOCIATION AMONG BODY COMPOSITION AND KHAT CHEWING AMONG THE EMPLOYEES OF UNIVERSITY OF SCIENCE AND TECHNOLOGY, SANA'A, YEMEN	Electronic Journal of University of Aden for Basic and Applied Sciences (EJUA-BA)	Non-Recognized	Non-Impact Factor	2024
96	Dr. Hafiz Rizwan Sharif	Compositional profiling and bioefficacy studies of pulses-supplemented isocaloric designer biscuits for recently diagnosed diabetic individuals	Food Chemistry: X	W	6.1	2024
97	Dr. Hafiz Rizwan Sharif	Investigation of Bacterial Contaminants and Their Antibiotic Susceptibility on Yemeni Banknotes in Aden City, Yemen	UST Journal for Medical Sciences	Non-Recognized	Non-Impact Factor	2024
98	Dr. Hafiz Rizwan Sharif	A Comprehensive Review on Exploring the Nutraceutical Potential and Industrial Applications of Peach Waste	Food Reviews International	W	5.8	2024
99	Dr. Hafiz Rizwan Sharif	Preventive Role of Soluble Dietary Fiber Against Inflammatory and Life Style Related Diseases	RADS Journal of Food Biosciences	Non-Recognized	Non-Impact Factor	2024

100	Dr. Hafiz Rizwan Sharif	Editorial: Exploiting the potential of native and modified legume proteins for the development of functional foods	Frontiers in Nutrition	W	4	2024
101	Dr. Khalida Naseem	Biogenic synthesized nanocatalysts and their potential for the treatment of toxic pollutants: environmental remediation, a review	International Journal of Environmental Science and Technology	W	3	2024
102	Dr. Khalida Naseem	Inorganic nanoparticles fabricated alginate based nanocomposites for the treatment of brilliant blue dye	Journal of Molecular Structure	W	4	2024
103	Dr. Khalida Naseem & Dr Sadia Zulfiqar	HERBAL SHAMPOO FORMULATIONS, THEIR ASSESSMENT FOR HAIR CLEANING AND ANTIFUNGAL ACTION	Xi'an Shiyou Daxue Xuebao (Ziran Kexue Ban)/Journal of Xi'an Shiyou University, Natural Sciences Edition	X	Non-Impact Factor	2024
104	Dr. Khalida Naseem	Bioinorganic metal nanoparticles and their potential applications as antimicrobial, antioxidant and catalytic agents: a review	Reviews in Inorganic Chemistry	X	4.1	2024
105	Dr. Khalida Naseem	Polyurethane-based nanocomposite for catalytic reduction of toxic dyes	Polymers for Advanced Technologies	W	3.1	2024
106	Dr. Khalida Naseem	Inorganic nanoparticles as a potential catalyst for the reduction of Rhodamine B dye: A critical review	Inorganic Chemistry Communications (1387-7003)	X	4.4	2024

107	Dr. Khalida Naseem	Facile green synthesis of Phyllanthus emblica extract based Ag-NPs for antimicrobial and response surface methodology based catalytic reduction applications	Journal of Cleaner Production	W	9.8	2024
108	Dr. Muhammad Perviaz	Synthesis, in vitro acetylcholinesterase, butyrylcholinesterase activities and molecular docking study of 1,3-oxathiol-2-imine derivatives	Chemical Data Collections	Y	2.1	2024
109	Dr. Muhammad Perviaz	Biochemical and computational inhibition of $\alpha$ -glucosidase by novel metronidazole-linked 1H-1,2,3-triazole and carboxylate moieties: kinetics and dynamic investigations	Journal of Biomolecular Structure and Dynamics	W	4.4	2024
110	Dr. Muhammad Perviaz	Degradation Efficiency of Organic Dyes on CQDs As Photocatalysts: A Review	ACS Omega	W	4.1	2024
111	Dr Salma Batool	A Novel Enterococcus-Based Nanofertilizer Promotes Seedling Growth and Vigor in Wheat ( <i>Triticum aestivum</i> L.)	Plants	W	4	2024

112	Dr Salma Batool & Ammara Masood	Molecular Targets of Plant-based Alkaloids and Polyphenolics in Liver and Breast Cancer- An Insight into Anticancer Drug Development	Anti-Cancer Agents in Medicinal Chemistry	X	2.6	2024
113	Dr Salma Batool	A decade of progress in rhizoengineering to exploit plant microbiome for salt stress amelioration	Plant Stress	X	Non-Impact Factor	2024
114	Dr Salma Batool	Identification and in silico functional characterization of a Ghnac29-like transcription factor in response to abiotic stress tolerance in cotton	Gene Reports	Y	Non-Impact Factor	2024
115	Dr Salma Batool & Muhammad Awais	Strategies for Crossing Biological Barriers in Drug Delivery	Proceedings of the National Academy of Sciences, India Section B: Biological Sciences	Y	Non-Impact Factor	2024
116	Dr Sadaf Hameed	Can nanotechnology and genomics innovations trigger agricultural revolution and sustainable development?	Functional & Integrative Genomics	X	3.9	2024
117	Dr Hira Mubeen	Insights into AlphaFold's breakthrough in neurodegenerative diseases	Irish Journal of Medical Science	W	2.1	2024
118	Dr Hira Mubeen	Rare homozygous cilia gene variants identified in consanguineous congenital heart disease patients	Human Genetics	W	3.8	2024

119	Dr Hira Mubeen	Multi-omic analysis of dysregulated pathways in triple negative breast cancer	Asia-Pacific Journal of Clinical Oncology	X	1.9	2024
120	Dr Hira Mubeen	The Prevalence of Periodontal Disease in Different Age Groups and Different Populations of Pakistan	Pakistan Journal of Scientific and Industrial Research Series A: Physical Sciences	Y	Non-Impact Factor	2024
121	Dr Ayesha Murtaza	Widely targeted metabolomics analysis reveals the potential metabolic network of high-pressure carbon dioxide regulating fresh-cut Chinese water chestnut yellowing	Food Bioscience	W	5.2	2024
122	Dr Ayesha Murtaza	Mechanism of the Abnormal Softening of Banana Pulp Induced by High Temperature and High Humidity During Postharvest Storage	Food and Bioprocess Technology	W	5.6	2024
123	Dr Ayesha Murtaza	Comparative evaluation of ethylene oxide, electron beam and gamma irradiation treatments on commonly cultivated red chilli cultivars (Kunri and Hybrid) of Sindh, Pakistan	Heliyon	W	4	2024
124	Dr Ayesha Murtaza	Cyclic variable temperature conditioning induces the rapid sweetening of sweet potato tuberous roots by regulating the sucrose metabolism	Food Chemistry	W	8.8	2024

125	Dr Ayesha Murtaza	Development and characterization of locally prepared Aloe Vera juice and its functional potential against Hyperlipidemia	Pakistan Journal of Agricultural Sciences	X	0.8	2024
126	Dr Muhammad Sajid Manzoor	Rapid and non-destructive determination of total phenolic contents using UV–NIR spectroscopy of dehydrated mushroom ( <i>Lentinus edodes</i> )	Journal of Food Process Engineering	W	2.7	2024
127	Dr Muhammad Sajid Manzoor	Effect of probiotic incorporation on physicochemical attributes of yogurt during storage and influence on cholesterol assimilation	Journal of Food Science	W	3.2	2024
128	Dr Madiha Khan	Evaluation and Molecular Characterization of Colistin-Resistant Isolates of <i>Pseudomonas aeruginosa</i> and <i>Klebsiella pneumoniae</i> from the Infected Wounds of Hospitalized Patients	Journal of Microbiology and Biotechnology	W	2.5	2024
129	Dr Madiha Khan	Metal nanoparticles loaded polyurethane nano-composites and their catalytic/antimicrobial applications: a critical review	Reviews in Chemical Engineering	W	4.9	2024
130	Dr Madiha Khan	Development of Poly(vinyl alcohol)–Chitosan Composite Nanofibers for Dual Drug Therapy of Wounds	ACS Omega	W	3.7	2024

131	Dr Mohsin Gulzar Barq	Informal E-Waste Recycling in Nine Cities of Pakistan Reveals Significant Impacts on Local Air and Soil Quality and Associated Health Risks	Environmental Pollution	W	7.6	2024
132	Dr Mohsin Tassawar Cheema	FERMENTATION, PURIFICATION AND IN-VITRO EVALUATION OF ANTIMICROBIAL, ANTITUMOR AND ANTIOXIDANT COMPOUNDS FROM A HIMALAYAN ACTINOBACTERIA STRAIN STREPTOMYCES SP. PU-AK14	Pakistan Journal of Biotechnology	Y	Non-Impact Factor	2024
133	Dr Saba Kabir	RISK FACTORS ASSOCIATED WITH THE INFECTIVITY AND SEVERITY OF COVID-19 INFECTION	Journal of Population Therapeutics and Clinical Pharmacology	X	Non-Impact Factor	2024
134	Dr Dilawar Hussain	Hepatitis C virus infection and its correlation with multiple risk factors in local population of Gujranwala Pakistan	UCP Journal of Science & Technology	Non-Recognized	Non-Impact Factor	2024
135	Dr Dilawar Hussain	Serological effects of cypermethrin on the kidneys of rabbit ( <i>Oryctolagus cuniculus</i> )	Journal of Zoology and Systematics	Non-Recognized	Non-Impact Factor	2024
136	Dr Dilawar Hussain	Effects of Synthetic Hormones on Fertilization, Fecundity, Hatching and Gonado-Somatic Index of Giant Snakehead ( <i>Channa Marulius</i> ) in Captivity	Journal of Zoology and Systematics	Non-Recognized	Non-Impact Factor	2024



137	Dr Dilawar Hussain	Modulatory Potential of Selenium Supplementations on the Growth, Nutrients Profile and Regulation of Antioxidant Status of Striped Catfish ( <i>Pangasius Hypophthalmus</i> )	Journal of Zoology and Systematics	Non-Recognized	Non-Impact Factor	2024
138	Dr Dilawar Hussain	Dietary Vitamin C Fortification Enhances the Growth Performance, Hematological Status, Defensive Antioxidant Enzymes, and Resistance Against <i>Aeromonas Hydrophila</i> Infection for Bullseye Snakehead ( <i>Channa marulius</i> )	Journal of Zoology and Systematics	Y	Non-Impact Factor	2024
139	Dr Amina Arif	Tailoring molecular recognition in predesigned multifunctional enzyme mimicking porphyrin imprinted interface for high affinity and differential selectivity; sensing etoposide in lung cancer patients	Biosensors and Bioelectronics	W	10.7	2024
140	Dr Amina Arif	DETECTION AND REMOVAL OF SEASONAL AFM1 OCCURRENCE IN VARIOUS MILK SAMPLES COLLECTED FROM DIFFERENT SHOPS OF LAHORE	Chelonian Conservation and Biology	X	0.9	2024

141	Dr Amina Arif	Discovering the anti-diabetic potential of pomegranate peel metabolites by examining molecular interplay with the thioredoxin-interacting protein	Frontiers in Medicine	W	3.1	2024
142	Dr Amina Arif	Bioactive compounds isolated from <i>Solanum nigrum</i> remarkably inhibit cancerous activity in cancer cell lines	South African Journal of Botany	W	2.7	2024
143	Dr Amina Arif	Identification of bioactive constituents in indigenously grown <i>Calotropis gigantea</i> and <i>Moringa oleifera</i> fractions by HPLC	Acta Scientiarum. Biological Sciences	Non-Recognized	Non-Impact Factor	2024
144	Dr Amina Arif	Unveiling the Molecular Landscape of Dandy-Walker Syndrome	History of Medicine Journal	X	0.6	2024
145	Dr Amina Arif	GENETIC ANALYSIS OF HEMOCHROMATOSIS AND ITS IMPACT ON LIVER FUNCTION IN THE POPULATION OF LAHORE, PAKISTAN	Xi'an Shiyou Daxue Xuebao (Ziran Kexue Ban)/Journal of Xi'an Shiyou University, Natural Sciences Edition	X	Non-Impact Factor	2024
146	Dr Amina Arif	THERAPEUTIC EFFECTS OF SALVADORA PERSICA EXTRACTS AGAINST SARCOPTES SCABIEI VAR. HOMINIS AND THEIR SECONDARY INFECTIONS	Journal of Population Therapeutics and Clinical Pharmacology	X	Non-Impact Factor	2024

147	Dr Amina Arif	DISTRIBUTION OF ABO AND RH BLOOD GROUPS AMONG TYPE-II DIABETIC PATIENTS IN POPULATION OF LAHORE, PAKISTAN	European Chemical Bulletin	Y	Non-Impact Factor	2024
148	Dr Amina Arif	Impact Of Acetylsalicylic Acid Foliar Application And Sowing Dates On Cucumber Growth	Journal of Survey in Fisheries Sciences	Y	Non-Impact Factor	2024
149	Dr Amina Arif	Possible Solutions to the Associated Cytotoxicity of Silver Nanoparticles	Journal of Survey in Fisheries Sciences	Y	Non-Impact Factor	2024
150	Dr Amina Arif	A multifunctional N-GO/PtCo nanocomposite bridged carbon fiber interface for the electrochemical aptasensing of CA15-3 oncomarke	Analytical Biochemistry	X	2.6	2024
151	Dr Muhammad Afzal	Pharmacological evaluation and phytochemical profiling of butanol extract of L. edodes with in- silico virtual screening	Scientific Reports	W	3.8	2024
152	Dr Muhammad Afzal	Characterization, Synthesis, and Biological Activities of Silver Nanoparticles Produced via Green Synthesis Method Using Thymus Vulgaris Aqueous Extract	International Journal of Nanomedicine	W	6.6	2024
153	Dr Muhammad Riaz	Structural and functional nanocrystalline materials: A Review	International Journal of Chemical and Biochemical Sciences	Y	Non-Impact Factor	2024

154	Dr Muhammad Riaz	Evolution of olive farming, industry, and usage in Pakistan: A comprehensive review	Journal of Agriculture and Food Research	W	4.8	2024
155	Dr Muhammad Riaz	Unveiling the chemical profile, synergistic antibacterial and hemolytic effects of <i>Cymbopogon citratus</i> and <i>Tachyspermum ammi</i> leaves	Biocatalysis and Agricultural Biotechnology	W	3.4	2024
156	Dr Asma Zafar	Cloning, purification, and functional characterization of recombinant pullulanase from <i>Bacillus cereus</i> ATCC 14579 for improved detergent performance	Journal of Surfactants and Detergents	X	1.6	2024
157	Dr Asma Zafar	Heterologous expression and characterization of a novel thermostable and alkali stable recombinant lipase enzyme from <i>Bacillus thuringiensis</i> into <i>E. coli</i> BL21(DE3) for detergent formulation	Journal of Surfactants and Detergents	X	1.6	2024
158	Dr Zain Ul Abadin Zafar	The analysis of a new fractional model to the Zika virus infection with mutant	Heliyon	W	4	2024
159	Dr Zain Ul Abadin Zafar	A note on weakly $\sigma$ -n-embedded subgroups of $\sigma$ -full groups	Ricerche di Matematica	X	1.2	2024
160	Dr Zain Ul Abadin Zafar	Multi-type solitary wave solutions of Korteweg–de Vries (KdV) equation	International Journal of Modern Physics B	X	2.6	2024
161	Dr Nazish Rubab	Air traffic monitoring using optimized ADS-B CubeSat constellation	Astrodynamic	W	2.7	2024

162	Dr Aatif Amin	ISOLATION AND SCREENING OF YEAST STRAINS FOR BIOETHANOL PRODUCTION USING SUGAR MOLASSES AND LIGNOCELLULOSE BIOMASS	Journal of Population Therapeutics and Clinical Pharmacology	X	Non-Impact Factor	2024
163	Dr Tanzeela Riaz	Comparative effectiveness of deltamethrin, imidacloprid and emamectin benzoate alone and in binary blends to control <i>Trogoderma granarium</i> : Effect on macronutrients	Journal of Stored Products Research	W	2.7	2024
164	Dr Tanzeela Riaz	Sublethal Doses of Clove Oil Deplete the Energy Reserves and Downregulate the Carbohydrate Metabolizing Enzymes in the 4th Instar Larvae of <i>Trogoderma granarium</i>	Pakistan Journal of Zoology	X	0.6	2024
165	Dr Abdul Rauf Nizami	COMPLETE PRESENTATION AND HILBERT SERIES OF THE MIXED BRAID MONOID MB1,3	Revista de la Union Matematica Argentina	Y	Non-Impact Factor	2024
166	Dr Nimra Afzal	Biosynthesis of antimicrobial nanoparticle from <i>Swertia</i> spp. ( <i>Chirayita</i> ) against bacterial pathogens of poultry- A way forward to green nanotechnology and nano-medicines	Microbial Pathogenesis	X	3.3	2024
167	Dr Nimra Afzal	Microorganism-mediated biodegradation for effective management and/or removal of micro-plastics from the environment: a comprehensive review	Archives of Microbiology	X	2.3	2024

168	Dr. Muhammad Saad Tariq	Pressure-Induced Effects on BaPbO <sub>3</sub> : A Prospectively Valuable Material for Piezoelectric Applications via DFT	Crystal Research and Technology	X	1.5	2024
169	Dr. Muhammad Saad Tariq	First principal investigations to explore the half-metallicity, structural, mechanical, and optoelectronic properties of sodium-based fluoroperovskites NaYF <sub>3</sub> (Y = Sc and Ti) for applications in spintronics and optoelectronics	Inorganic Chemistry Communication	X	3.8	2024
170	Dr. Muhammad Saad Tariq	Utilization of a Smart TiCo Alloy for Pressure-Induced Hydrogen Storage	Physica Scripta	X	2.6	2024
171	Dr. Muhammad Saad Tariq	Deciphering the impact of pressure on the electronic, mechanical, and structural properties of PrMnO <sub>3</sub> through density functional theory analysis	Transition Metal Chemistry	X	1.7	2024
172	Dr. Muhammad Saad Tariq	DFT insights into LaFeO <sub>3</sub> with Mn substitution: A promising path to energy-efficient magneto-optical applications	Journal of Computational Chemistry	W	3	2024
173	Dr. Muhammad Saad Tariq	Density Functional Quantum Computations to Investigate the Physical Prospects of Lead-Free Chloro-Perovskites QA <sub>2</sub> Cl <sub>3</sub> (Q = K, Rb) for Optoelectronic Applications	Transactions on Electrical and Electronic Materials	X	1.9	2024

174	Dr. Muhammad Saad Tariq	Pressure-induced modulations in magnesium-doped NdFeO <sub>3</sub> ferromagnetic: A DFT study with implications for spintronics, magnetic sensors, and energy storage devices	Polyhedron	X	2.6	2024
175	Dr. Muhammad Saad Tariq	Optimizing optoelectronic properties and energy harvesting potential of Co-doped LaFeO <sub>3</sub> : A DFT-based investigation	Physics Letters, Section A: General, Atomic and Solid State Physics	W	2.3	2024
176	Dr. Kanza Aziz Awan	Unveiling the Chemistry of Citrus Peel: Insights into Nutraceutical Potential and Therapeutic Applications	Foods	W	4.7	2024
177	Dr. Shafiq ur Rehman	Recent trends in metal-organic framework-based photocatalysts for Cr(VI) reduction: Confronts and prospects	Journal of Alloys and Compounds	W	5.8	2024
178	Dr. Shafiq ur Rehman	Comparative analysis of dye degradation methods: unveiling the most effective and environmentally sustainable approaches, a critical review	Reviews in Inorganic Chemistry	X	4.1	2024
179	Dr. Shafiq ur Rehman	Morpho-anatomical characters of few members belonging to Kingdom Protista from Safari Park, Lahore, Punjab, Pakistan	Scholars International Journal of Chemistry and Material Sciences	Non-Recognized	Non-Impact Factor	2024

180	Dr. Shafiq ur Rehman & Dr Muhammad Naveed	Green synthesis and eco-biological evaluation of Ag/Fe bimetallic nanoparticles using Vallaris solanacea leaf extract targeting insecticide resistance	Particuology	W	4.1	2024
181	Qurat-ul-Ain	An optimal B-spline approach for vectorizing raster image outlines	PLoS ONE	W	3.7	2024
182	Muslim Bin Aqeel	Unveiling Immunological and Hematological Markers in COVID-19: Insights from a Clinical Study	Viral Immunology	X	1.5	2024
183	Waleed Sultan & Dr Kanza Aziz Awan & Dr Sanabil Yaqoob	Glycemic impact of cereal and legume-based bakery products: Implications for chronic disease management	Food Chemistry: X	W	6.5	2024
184	Dr. Sanabil Yaqoob	Multi-frequency sono-fermentation with mono and co-cultures of LAB synergistically enhance mulberry juice: Evidence from metabolic, micromorphological, sensorial, and computational approaches	Ultrasonics Sonochemistry	W	8.7	2024
185	Dr. Sanabil Yaqoob	Unveiling the Chemistry of Citrus Peel: Insights into Nutraceutical Potential and Therapeutic Applications	Foods (2304-8158)	W	4.7	2024
186	Dr. Sanabil Yaqoob	Innovative Bicultured Lactic–Acetic Acid Co-fermentation Improves Jujube Puree’s Functionality and Volatile Compounds	Fermentation	X	3.3	2024



187	Dr. Sanabil Yaqoob	Germination-induced modifications of starch structure, flour-processing characteristics, and in vitro digestive properties in maize	Food Chemistry: X	W	6.5	2024
188	Dr. Sanabil Yaqoob	Synergistic effects of lactobacillus strains and Acetobacter pasteurianus on jujube puree's product functionality and quality	Heliyon	W	3.4	2024
189	Dr. Sanabil Yaqoob	Investigating the triple-frequency ultrasound-assisted fermented rice lees: Impact on physicochemical, structural, morphological, and metabolic properties	Ultrasonics Sonochemistry	W	8.7	2024
190	Dr. Sanabil Yaqoob	Impact of fermentation through Wickerhamomyces anomalus and Saccharomyces cerevisiae on aroma and quality of mulberry wine	International Journal of Food Science and Technology	W	2.6	2024
191	Dr. Sanabil Yaqoob & Dr Kanza Aziz Awan	Impact of fermentation through synergistic effect of different lactic acid bacteria (mono and co-cultures) on metabolic and sensorial profile of mulberry juice	Journal of Food Measurement and Characterization	W	2.9	2024
192	Dr. Sanabil Yaqoob & Dr Kanza Aziz Awan	Integration of Fluorescence Spectroscopy Along with Mathematical Modeling for Rapid Prediction of Adulteration in Cooked Minced Beef Meat	Journal of Food Process Engineering	W	2.7	2024

193	Dr. Sanabil Yaqoob	VITAMIN C; PHARMACOKINETICS AND ITS PROPHYLACTIC APPROACH TO COMBAT ANTIMICROBIAL DISEASES	Tianjin Daxue Xuebao (Ziran Kexue yu Gongcheng Jishu Ban)/ Journal of Tianjin University Science and Technology	X	Non-Impact Factor	2024
194	Fatima Shahid	Dietary Habits and their Impact on Physical Symptoms Severity in Young Females Diagnosed with PCOS	Lahore Garrison University Journal of Life Sciences	Y	Non-Impact Factor	2024
195	Dr Muhammad Rayees Ahmad	Intelligent faculty evaluation and ranking system based on N-framed plithogenic fuzzy hypersoft set and extended NR-TOPSIS	Alexandria Engineering Journal	W	6.2	2024
196	Dr Muhammad Akhtar	Assessing the oat oil attributes and partial substitution in cookies with special reference to fatty acid profile	Journal of Food Measurement and Characterization	W	2.9	2024
197	Dr. Namrah Anwar	Prevalence of high-risk human papillomavirus in oral squamous cell carcinoma with or without chewing habits	PLoS ONE	W	3.7	2024
198	Anam Amin Shami	Mitigation strategies for greenhouse gases to ensure food security	NUST Journal of Natural Sciences	Y	Non-Impact Factor	2024
199	Anam Amin Shami	Withania somnifera as a potential nanomedicine: A review	NUST Journal of Natural Sciences	Y	Non-Impact Factor	2024

200	Manam Walait & Huda Rehman Mir	Eco-Friendly Synthesis Methods of Gold Nanoparticles, Their Characterization and Applications in Diagnostic, Therapeutic and Sensors	Futuristic Biotechnology	Y	Non-Impact Factor	2024
201	Manam Walait	Biotechnological Innovations in Sustainable Food Production	DIET FACTOR (Journal of Nutritional & Food Science ) ( 2789-8091)	Y	Non-Impact Factor	2024
202	Dr. Muhammad Perviaz	Degradation Efficiency of Organic Dyes on CQDs As Photocatalysts: A Review	ACS Omega	W	4.1	2024
203	Dr. Muhammad Perviaz	Biochemical and computational inhibition of $\alpha$ -glucosidase by novel metronidazole-linked 1H-1,2,3-triazole and carboxylate moieties: kinetics and dynamic investigations	Journal of Biomolecular Structure and Dynamics	X	2.7	2024
204	Dr. Muhammad Perviaz	Synthesis, in vitro acetylcholinesterase, butyrylcholinesterase activities and molecular docking study of 1,3-oxathiol-2-imine derivatives	Chemical Data Collections	Y	Non-Impact Factor	2024
205	Umme Farwa	From Passion to Practice: How Proactive Personality and Entrepreneurial Passion Influence Entrepreneurial Intentions and Behaviors in University Students	Kurdish Studies	W	Non-Impact Factor	2024

206	Samman Ikram	Oral microbiome s role in tumor development, metastasis, and oral oncogenesis	Xi'an Shiyou Daxue Xuebao (Ziran Kexue Ban)/Journal of Xi'an Shiyou University, Natural Sciences Edition	X	Non-Impact Factor	2024
207	Muslim Bin Aqeel	Unveiling Immunological and Hematological Markers in COVID-19: Insights from a Clinical Study	Viral Immunology	X	1.5	2024
208	Muslim Bin Aqeel	The Role of Artificial Intelligence in Predicting Cardiovascular Diseases: Current Trends and Future Directions	Azerbaijan Pharmaceutical and Pharmacotherapy Journal	Y	Non-Impact Factor	2024
209	Dr Dilawar Hussain	Dietary Vitamin C Fortification Enhances the Growth Performance, Hematological Status, Defensive Antioxidant Enzymes, and Resistance Against Aeromonas Hydrophila Infection for Bullseye Snakehead (Channa marulius)	Journal of Zoology and Systematics	Non-Recognized	Non-Impact Factor	2024
210	Dr Dilawar Hussain	Modulatory Potential of Selenium Supplementations on the Growth, Nutrients Profile and Regulation of Antioxidant Status of Striped Catfish (Pangasius Hypophthalmus)	Journal of Zoology and Systematics	Non-Recognized	Non-Impact Factor	2024

211	Dr Dilawar Hussain	Effects of Synthetic Hormones on Fertilization, Fecundity, Hatching and Gonado-Somatic Index of Giant Snakehead (Channa Marulius) in Captivity	Journal of Zoology and Systematics	Non-Recognized	Non-Impact Factor	2024
212	Dr Dilawar Hussain	Serological effects of cypermethrin on the kidneys of rabbit (Oryctolagus cuniculus)	Journal of Zoology and Systematics	Non-Recognized	Non-Recognized Non-Impact Factor	2024
213	Dr Dilawar Hussain	Hepatitis C virus infection and its correlation with multiple risk factors in local population of Gujranwala Pakistan	UCP Journal of Science & Technology	Non-Recognized	Non-Impact Factor	2024
214	Mohsin Tassarwar Cheema	FERMENTATION, PURIFICATION AND IN-VITRO EVALUATION OF ANTIMICROBIAL, ANTITUMOR AND ANTIOXIDANT COMPOUNDS FROM A HIMALAYAN ACTINOBACTERIA STRAIN STREPTOMYCES SP. PU-AK14	Pakistan Journal of Biotechnology	Y	Non-Impact Factor	2024
215	Dr. Sumaira Sharif	Diversified Workforce and Employees' Performance: Moderating Effect of Bureaucratic Leadership in Third Sector	Research Journal for Societal Issues	Y	Non-Impact Factor	2024

## ▪ Conference & Miscellaneous Publications

Sr. No.	Faculty Member's Name	Paper Title	Conference Title/BOOK	Year
1	Dr Sanabil	Starch-nanostructured-based active packaging for food applications.	Starch based nano materials for food packaging perspectives and future prospects.	2024
2	Dr Sanabil	MULTI-FREQUENCY SONO-FERMENTATION WITH MONO AND CO-CULTURES OF LAB SYNERGISTICALLY ENHANCE MULBERRY JUICE: EVIDENCE FROM METABOLIC, MICROMORPHOLOGICAL, SENSORIAL AND COMPUTATIONAL APPROACHES	INTERNATIONAL CONFERENCE ON EMERGING HORIZONS IN SCIENCE AND TECHNOLOGY	2024
3	Dr.Ayesha Murtaza	DETECTION OF FOOD ALLERGENS USING BIOSENSORS	2nd INTERNATIONAL CONFERENCE ON EMERGING HORIZONS IN SCIENCE AND TECHNOLOGY 21-22NOVEMBER,2024	2024
4	Dr.Ayesha Murtaza	DETECTION OF FOOD ALLERGENS USING BIOSENSORS	3rd INTERNATIONAL CONFERENCE ON EMERGING HORIZONS IN SCIENCE AND TECHNOLOGY 21-22NOVEMBER,2024	2024

5	Dr.Ayesha Murtaza	A COMPREHENSIVE REVIEW OF THE EMERGING HORIZONS OF CP (COLD PLASMA) IN FOOD SCIENCE	4th INTERNATIONAL CONFERENCE ON EMERGING HORIZONS IN SCIENCE AND TECHNOLOGY 21-22NOVEMBER,2024	2024
6	Dr.Ayesha Murtaza	A COMPREHENSIVE REVIEW OF THE EMERGING HORIZONS OF PEF (PULSE ELECTRIC FIELD) IN FOOD SCIENCE	5th INTERNATIONAL CONFERENCE ON EMERGING HORIZONS IN SCIENCE AND TECHNOLOGY 21-22NOVEMBER,2024	2024
7	Dr.Ayesha Murtaza	3D FOOD PRINTING: A NOVEL APPROACH FOR CUSTOMIZING TEXTURE AND NUTRITIONAL CONTENT	6th INTERNATIONAL CONFERENCE ON EMERGING HORIZONS IN SCIENCE AND TECHNOLOGY 21-22NOVEMBER,2024	2024
8	Dr.Ayesha Murtaza	APPLE FLOUR: A SUSTAINABLE AND NUTRITIOUS ALTERNATIVE IN FOOD PROCESSING	7th INTERNATIONAL CONFERENCE ON EMERGING HORIZONS IN SCIENCE AND TECHNOLOGY 21-22NOVEMBER,2024	2024

9	Dr.Ayesha Murtaza	FROM GENOME TO PLATE: REVOLUTIONIZING PERSONALIZED NUTRITION THROUGH NUTRIGENOMICS	8th INTERNATIONAL CONFERENCE ON EMERGING HORIZONS IN SCIENCE AND TECHNOLOGY 21-22NOVEMBER,2024	2024
10	Dr.Ayesha Murtaza	SUPERFOODS AND SUSTAINABILITY: BALANCING HEALTH AND PLANET	9th INTERNATIONAL CONFERENCE ON EMERGING HORIZONS IN SCIENCE AND TECHNOLOGY 21-22NOVEMBER,2024	2024
11	Dr.Ayesha Murtaza	INNOVATIVE USE OF WASTE BY PRODUCTS IN SUSTAINABLE BAKERY PRODUCTS	10th INTERNATIONAL CONFERENCE ON EMERGING HORIZONS IN SCIENCE AND TECHNOLOGY 21-22NOVEMBER,2024	2024
12	Dr.Ayesha Murtaza	DETECTION OF FOOD ALLERGENS USING BIOSENSORS	11th INTERNATIONAL CONFERENCE ON EMERGING HORIZONS IN SCIENCE AND TECHNOLOGY 21-22NOVEMBER,2024	2024



13	Dr.Ayesha Murtaza	INTEGRATION OF IOT AND BLOCKCHAIN TECHNOLOGY IN FOOD SUPPLY CHAIN MANAGEMENT	12th INTERNATIONAL CONFERENCE ON EMERGING HORIZONS IN SCIENCE AND TECHNOLOGY 21-22NOVEMBER,2024	2024
14	Dr.Ayesha Murtaza	VALORIZATION OF FOOD BY-PRODUCTS: NEW INGREDIENTS FROM AGRICULTURAL WASTE STREAMS	13th INTERNATIONAL CONFERENCE ON EMERGING HORIZONS IN SCIENCE AND TECHNOLOGY 21-22NOVEMBER,2024	2024
15	Dr.Ayesha Murtaza	Emerging Horizons of Pulse Electric Field in Food Science	14th INTERNATIONAL CONFERENCE ON EMERGING HORIZONS IN SCIENCE AND TECHNOLOGY 21-22NOVEMBER,2024	2024
16	Dr.Ayesha Murtaza	Effect of Eugenol Emulsion to Prevent Enzymatic Browning in Fresh-Cut Chinese Yam (Polystachya Dioscorea)	2nd National Conference on Emerging Trends in Food Science and Nutrition May 9-11, 2024	2024
17	Dr. Kanza Aziz Awan	Presented on Revolutionizing Food Preservation: Harness the Power of AI.	International Conference on Innovations in Food and Nutrition Security, BZU Multan, April 4, 2024	2024

18	Dr. Kanza Aziz Awan	Challenges and opportunities in Food, Nutrition and Allied Sciences	2nd International Food and Nutrition Research Conference. Institute of Food Science and Nutrition. University of Sargodha, Sargodha Pakistan	2024
19	Dr. Kanza Aziz Awan	Keynote Speaker (Therapeutic potential of sapodilla in mitigating hepatic damage: Insights from the rodent experimental model)	2nd National PKNC Conference Intergrating Nutrition and Public Health: Challenges and Opportunities 27-27 November, 2024.	2024
20	Dr. Kanza Aziz Awan	Restorative Potential of Date Fruit Supplemented Diet on Serum Lipidemic and Oxidative Stress Biomarkers in Rodent Experimental Modelling	2nd National Conference on Emerging Trends in Food Science and Nutrition, May 9-11, 2024.	2024
21	Maria Haris	Assessing the dietary habits and associated health risks to the pregnant women residing in slummy areas of Faisalabad	2nd international conference on emerging horizons in science and technology (ICEHST-2024)	2024
22	Maria Haris	Development of blueberry-enriched yogurt as a functional food: enhancing sensory attributes and health benefits	2nd international PKNC Conference on integrating nutrition and public health: challenges and opportunities	2024
23	Maria Haris	Development and evaluation of apple peel powder infused barley flour cupcakes	2nd international PKNC Conference on integrating nutrition and public health: challenges and opportunities	2024

24	Maria Haris	Effect of in vitro digestion on antioxidant activity of cheddar cheese made from cow and buffalo milk	2nd international conference on emerging horizons in science and technology (ICEHST-2024)	2024
25	Maria Haris	Development and evaluation of apple peel powder infused barley flour cupcakes	2nd international conference on emerging horizons in science and technology (ICEHST-2024)	2024
26	Maria Haris	Assessing the dietary habits and associated health risks to the pregnant women residing in slummy areas of Faisalabad	2nd international PKNC Conference on integrating nutrition and public health: challenges and opportunities	2024
27	Amal Shaukat	ARTIFICIAL INTELLIGENCE IN FOOD PROCESSING: INNOVATIONS FOR SUSTAINABLE AGRICULTURE AND NUTRITION	All Pakistan Food Conference & AGM Faislabad, Pakistan	2024
28	Amal Shaukat	Sustainable Wastewater Management Practices in the Food Industry	International Food and Nutrition Research Conference	2024
29	Amal Shaukat	ARTIFICIAL INTELLIGENCE IN FOOD PROCESSING: INNOVATIONS FOR SUSTAINABLE AGRICULTURE AND NUTRITION	International Food and Nutrition Research Conference	2024
30	Amal Shaukat	Utilizing High Pressure Carbon Dioxide Processing HPCD for Fruits and Vegetables	International Conference on Food and Applied Sciences Nathia Gali	2024

31	Amal Shaukat	Development and Evaluation of Apple Peel Powder Infused Barley Flour Cupcakes	INTERNATIONAL CONFERENCE ON EMERGING HORIZONS IN SCIENCE AND TECHNOLOGY	2024
32	Amal Shaukat	Development and Evaluation of Apple Peel Powder Infused Barley Flour Cupcakes	2nd National PKNC Conference Integrating Nutrition and Public Health: Challenges and Opportunities	2024
33	Amal Shaukat	Mental Health in the Digital Age: Challenges and Opportunities	UMT Conference	2024
34	Amal Shaukat	Plasma Processing: A Sustainable Technology in Agri-Food Processing	INTERNATIONAL CONFERENCE ON EMERGING HORIZONS IN SCIENCE AND TECHNOLOGY	2024
35	Amal Shaukat	A Comprehensive Review of the Emerging Horizons of PEF (Pulse Electric Field) in Food Science	INTERNATIONAL CONFERENCE ON EMERGING HORIZONS IN SCIENCE AND TECHNOLOGY	2024
36	Amal Shaukat	: A Comprehensive Review of Gut Microbiome Impact on Food Science and Personalized Diets	INTERNATIONAL CONFERENCE ON EMERGING HORIZONS IN SCIENCE AND TECHNOLOGY	2024

37	Amal Shaukat	A Comprehensive Review of Gut Microbiome Impact on Food Science and Personalized Diets	conference on the theme of Food and Nutrition sciences	2024
38	Fatima Shahid	Relationship Between Diet and PCOS Symptom Severity in Young Women	2nd international conference on Emerging Horizons in Science and Technology	2024
39	Fatima Shahid	A Comprehensive review on Dietary Fiber as a Nutritious Aspect of Public Health Concern in Youth	PKNC-2024 (2nd National Conference on Integrating Nutrition and Public Health: challenges & opportunities)	2024
40	Fatima Shahid	A comprehensive review on exploring the functional properties of Chickpea ( <i>Cicer arietinum</i> L.)	ICFAS-2024 Nathia gali-Galiyaat (2nd International Conference on food and Applied science)	2024
41	Dr. Sumera Zaib	The diagnostic, prognostic and therapeutic role of miRNA in the management of tropical diseases.	Springer Nature	2024
42	Maha Hanif	Development and Evaluation of Apple Peel Powder Infused Barley Flour Cupcakes	2nd ICEHST UCP	2024
43	Maha Hanif	Development and Evaluation of Apple Peel Powder Infused Barley Flour Cupcakes	2nd National PKNC Conference: Integrating Nutrition and Public Health: Challenges and Opportunities	2024
44	Maha Hanif	Relationship between Diet and PCOS Symptoms severity in young women	2nd ICEHST UCP	2024
45	Maha Hanif	Assessing the Dietary habits and associated health risks to the pregnant women residing in slummy areas of Faisalabad	2nd ICEHST UCP	2024

46	Maha Hanif	Plasma Processing A Sustainable Technology in Agri food Processing	2nd ICEHST UCP	2024
47	Sadia Zia	Country Report on Emerging Biotechnology in Pakistan & Experience Sharing	17th Asia-Pacific Biosafety Association Annual Biorisk Conference -• Strengthening Global Partnerships for Biosafety and Biosecurity: Bridging Borders and Addressing Emerging Challenges	2024
48	Sadia Zia	Effect of Microgravity of immune response of microorganizms for Immunity fortification	International Training Workshop on Space Science and spcae utilization	2024
49	Dr. Muhammad Perviaz	Chemical and Biological Effects of Coloring Agents in Soft Drinks on Human Health	BIOL: Emerging Areas and New Methods in Biochemistry and Chemical Biology	2024
50	Dr. Muhammad Perviaz	Cleaning the planet earth- A game changer in climate change	International Conference on Research Advancements in Chemistry – 2024	2024
51	Dr. Muhammad Perviaz	Hydrogen gas as most demanding future fuel	Energy Conversion and Storage Technologies	2024
52	Dr. Muhammad Perviaz	Quantum Dots coatings	Pakistan Paint & Construction Chemicals	2024

53	Dr. Amina Arif	Harnessing nature's power: <i>In silico</i> insights into the antihypertensive properties of blueberries extract	International Conference On Research Advancements In Chemistry ICRA-C 2024, organized by Department of Chemistry SNS-NUST, Islamabad, 21st - 23rd August 2024	2024
54	Dr. Amina Arif	Discovering the anti-diabetic potential of Pomegranate peel metabolites by examining molecular interplay with the TXNIP protein	2nd International Conference on Advances in Allied Health Sciences, hosted by the Faculty of Allied Health Sciences from October 23rd -25th October 2024. Organized by University of Lahore In Collaboration with Tehran University of Medical Sciences (TUMS), Iran & Usak University, Turkiye	2024
55	Dr Shafiq Ur Rehman	Study of Chemical Constituents of Curcuma longa L. Leaves from Kasur Region and Its Biological Activities	3rd International Conference on "Trends and Research in Chemistry	2024