

## ABASYN UNIVERSITY, PESHAWAR.

### Summary of Publication Awards Made during October 2019 – October 2022

#### Department of Civil Engineering

S. No.	Applicant Author	Designation	Title of Publication	Journal Name	Publication Date	Impact factor (JCR 2020 & 2021)	Author position
1	Mr. Muhammad Sarir	Lecturer	Performance evaluation of asphalt concrete mixtures using Bagasse Ash as filter	Iranian Journal of Science and Technology, Transactions of Civil Engineering	April 2021	0.8	1 <sup>st</sup>
2	Dr. Salamat Ullah	Assistant Professor	A new analytical solution of vibration response of orthotropic composite plates with two adjacent edges rotationally-restrained and the others free	Composite Structure	March 2021	5.138	3 <sup>rd</sup>
3	Dr. Salamat Ullah	Assistant Professor	Analytical bending solutions of thin plates with two adjacent edges free and the others clamped or simply supported using finite integral transform method	Computational and applied mathematics	September 2020	1.36	3 <sup>rd</sup>
4	Dr. Salamat Ullah	Assistant Professor	Analytical bending solutions of thin plates by two-dimensional generalized integral transform method	Journal of applied mathematics and mechanics/zeitschrift fur angewandte mathematik und mechanic	December 2020	1.603	3 <sup>rd</sup>
5	Babar Ilyas	Lecturer	Nonlinear Modeling of RC Substandard Beam–Column Joints for Building Response Analysis in Support of Seismic Risk Assessment and Loss Estimation	Buildings	October 2022	3.5	3 <sup>rd</sup>

6	Zahoor Khan	Lecturer	Climate–Streamflow Relationships and Its Instability Consequences in Large Rivers of Pakistan: An Elasticity Perspective	Water	June 2022	3.103	1 <sup>st</sup>
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**Department of Computing Technology**

S. No.	Applicant Author	Designation	Title of Publication	Journal Name	Publication Date	Impact factor (JCR 2020 & 2021)	Author position
1	Mr. Syed Mohsan Raza	Lecturer	Edge-computing with graph computation: A novel mechanism to handle network intrusion and address spoofing in SDN	CMC-Computers Materials & Continua	September 2020	4.89	4 <sup>th</sup>
2	Mr. Syed Mohsan Raza	Lecturer	A review of machine learning algorithms for cloud computing security	Electronics	August 2020	2.412	6 <sup>th</sup>
3	Samina Zohra	Assistant Professor	Numerical Study of the Electromagnetohydrodynamic Bioconvection Flow of Micropolar Nanofluid through a Stretching Sheet with Thermal Radiation and Stratification	ACS OMEGA	November 2022	4.132	3 <sup>rd</sup>
4	Samina Zohra	Assistant Professor	Numerical analysis of Cattaneo–Christov heat flux model over magnetic couple stress Casson nanofluid flow by Lavenberg–Marquard backpropagated neural networks	Waves in Random and Complex Media	May 2022	4.051	1 <sup>st</sup>
5	Samina Zohra	Assistant Professor	Numerical analysis of bioconvection-MHD flow of Williamson nanofluid with gyrotactic microbes and thermal radiation: New iterative method	Open Physics	June 2022	1.361	2 <sup>nd</sup>
6	Samina Zohra	Assistant Professor	Numerical analysis of thermal transportation in nanodiamond and silver-based nanofluid using the Cattaneo–Christov heat flux model	Frontiers in Energy Research	August 2022	3.85	1 <sup>st</sup>
7	Samina Zohra	Assistant Professor	Numerical Simulations of Vaccination and Wolbachia on Dengue Transmission Dynamics in the Nonlinear Model	IEEE Access	March 2022	3.476	2 <sup>nd</sup>

8	Samina Zohra,	Assistant Professor	Numerical analysis of micropolar hybrid nanofluid in the presence of non-Fourier flux model and thermal radiation	Advances in Mnical Engineerin gecha	October 2022	1.566	1 <sup>st</sup>
9	Samina Zohra,	Assistant Professor	Numerical solution of Rosseland's radiative and magnetic field effects for Cu-Kerosene and Cu-water nanofluids of Darcy-Forchheimer flow through squeezing motion	Alexandria Engineerin g Journal	September 2022	6.626	3 <sup>rd</sup>
10	Samina Zohra	Assistant Professor	Numerical solution catteno- christov heat flux model over stretching/shrinking hybrid nanofluid by new iterative method	Case studies in thermal engineering	November 2021	4.724	3 <sup>rd</sup>
11	Samina Zohra	Assistant Professor	Catteno-christov heat flux model of 3D hall current involving bioconvection nanofluidic flow with Darcey Forchheimer Law effect: Back propagation neural network	Case studies in thermal engineering	June 2021	4.724	3 <sup>rd</sup>
12	Samina Zohra	Assistant Professor	Supervised neural networks learning algorithm for three dimensional hybrid nanofluid flow with radiative heat and mass fluxes	Ain Sham Engineering Journal	September 2021	3.180	4 <sup>th</sup>

**Department of Electrical Engineering**

S. No.	Applicant Author	Designation	Title of Publication	Journal Name	Publication Date	Impact factor (JCR 2020 & 2021)	Author position
1	Dr. Waqar Ahmad Malik	Assistant Professor	Design of a compact dual band MIMO antenna system with high diversity gain performance in both frequency bands	Micro machines, multidisciplinary digital publishing institute	April 2021	2.53	2 <sup>nd</sup>
2	Eng Sheher Bano	Engineer	Robust p53 recovery using chattering free sliding mode control and again scheduled modified utkin observer	Journal of theoretical biology	January 2022	2.691	1 <sup>st</sup>

**Department of Health and Biological Sciences**

S. No.	Applicant Author	Designation and Department	Title of Publication	Journal Name	Publication Date	Impact factor (JCR 2020 & 2021)	Author position
1	Mr. Babar Ali	Lecturer	Comparison Between Mckenzie Extension and Neck Isometric Exercises In The Management Of Nonspecific Neck Pain: A Randomized Controlled Trial.	Khyber Medical University Journal	March 2020	0.2	3 <sup>rd</sup>
2	Mr. Babar Ali	Lecturer	Awareness Of Physiotherapy In Electronic Media Peshawar	Annals of Allied Health Sciences	June 2019	0.57	5 <sup>th</sup>
3	Mr. Babar Ali	Lecturer	Effectiveness Of Transcutaneous Electrical Nerve Stimulation And Interferential Current In Patients With Non-Specific Chronic Low Back Pain	Journal of Medical Sciences	December 2020	0.116	2 <sup>nd</sup>
4	Mr. Babar Ali	Lecturer	Evaluation Of Physical Activity Levels Among Undergraduate Physical Therapy Students	Journal of Medical Sciences	December 2019	0.116	3 <sup>rd</sup>
5	Dr. Sajjad Ahmad	Asst. Prof	Cancer Incidence, Mortality, Years of Life Lost, Years Lived with Disability, and Disability-Adjusted Life Years for 29 Cancer Groups from 2010 to 2019: A Systematic Analysis of Cancer Burden Globally, Nationally, and by Socio-demographic Index for the Global Burden of Disease Study 2019	JAMA Oncology	March 2022	31.777	24 <sup>th</sup>
6	Dr. Sajjad Ahmad	Asst. Prof	Withametelin, a novel phytosterol, alleviates neurological symptoms in EAE mouse model of multiple sclerosis via modulation of Nrf2 /HO-	Neurochemistry International	December 2021	3.921	9 <sup>th</sup>

			1and TLR4/NF-κB signaling				
7	Dr. Sajjad Ahmad	Asst. Prof	Novel 3-chloro-6-nitro-1H-indazole Derivatives as promising Antileishmanial candidates: synthesis, biological activity and molecular modeling studies	Journal of Enzyme Inhibition and Medicinal Chemistry	December 2022	5.051	6 <sup>th</sup>
8	Dr. Sajjad Ahmad	Asst. Prof	Towards A Novel Multi-Epitopes Chimeric Vaccine for Simulating Strong Immune Responses and Protection against Morganella morganii	MDPI IJERPH	October 2021	3.39	2 <sup>nd</sup>
9	Dr. Sajjad Ahmad	Asst. Prof	Immunoinformatics and Immunogenetics-Based Design of Immunogenic Peptides Vaccine against the Emerging Tick-Borne Encephalitis Virus (TBEV) and Its Validation through In Silico Cloning and Immune Simulation	Vaccines	October 2021	4.424	10 <sup>th</sup>
10	Dr. Sajjad Ahmad,	Asst. Prof	Annotation of Potential Vaccine Targets and Designing Multi-Epitopes Subunit Vaccine against Yersinia Pestis through Reverse Vaccinology and Validation through Agent-Based Modeling Approach	Vaccines	November 2021	4.424	6 <sup>th</sup>
11	Dr. Sajjad Ahmad,	Asst. Prof	Structural-dynamics and Binding Analysis of RBD from SARS-2 CoV-2 Variants of Concern (VOCs) and GRP78 Receptor Revealed Basis for Higher Infectivity	Microorganisms	November 2021	4.128	8 <sup>th</sup>
12	Dr. Sajjad Ahmad,	Asst. Prof	Selected Thiadiazine-Thione Derivatives Attenuate Neuroinflammation in Chronic Constriction Injury Induced	Frontiers in Molecular Neurosciences	December 2021	5.677	8 <sup>th</sup>

			Neuropathy				
13	Dr. Sajjad Ahmad,	Asst. Prof	Pan-proteomics to Analyze the Functional Complexity of Organisms (Book Chapter)	Frontiers in Molecular Farming	April 2021	-	6 <sup>th</sup>
14	Dr. Sajjad Ahmad	Asst. Prof	Immunoinformatics and its Role in Vaccine Development (Book Chapter)	Frontiers in Molecular Farming	February 2020	-	3 <sup>rd</sup>
15	Dr. Sajjad Ahmad	Asst. Prof	In Silico Core Proteomics and Molecular Docking Approaches for the identification of Novel Inhibitors against Streptococcus pyogenes	MDPI IJERPH	October 2021	3.39	3 <sup>rd</sup>
16	Dr. Sajjad Ahmad,	Asst. Prof	Bioinformatics Analysis of the Differences in the Binding Profile of the Wild-type and Mutants of the SARS-CoV-2 Spike Protein Variants with the ACE2 Receptor	Computers in Biology and Medicine	November 2021	4.589	9 <sup>th</sup>
17	Dr. Sajjad Ahmad,	Asst. Prof	Identification of immunodominant epitopes in allelic variants VK210 and VK247 of Plasmodium Vivax Circumsporozoite immunogen	Infection, Genetics and Evolution	December 2021	3.342	1 <sup>st</sup>
18	Dr. Sajjad Ahmad,	Asst. Prof	Designing a Multi-Epitope Vaccine against Chlamydia trachomatis by Employing Integrated Core Proteomics, Immuno-informatics and In-silico Approaches	MDPI Biology	October 2021	5.079	1 <sup>st</sup>
19	Dr. Sajjad Ahmad	Asst. Prof	Discovery of Novel Inhibitors from Medicinal Plants for V-Domain Ig Suppressor of T-Cell Activation (VISTA)	Frontiers in Molecular Biosciences	October 2021	5.246	1 <sup>st</sup>

20	Dr. Sajjad Ahmad	Asst. Prof	Molecular Docking and Simulation Studies of Antidiabetic Agents Devised from Hypoglycemic Polypeptide-P of Momordica charantia	BioMed Research International	December 2018	3.411	2 <sup>nd</sup>
21	Dr. Sajjad Ahmad	Asst. Prof	In silico methods and tools for drug discovery	Computers in Biology and Medicine	October 2021	4.589	2 <sup>nd</sup>
22	Dr. Sajjad Ahmad	Asst. Prof	Structural insight into the binding pattern and interaction mechanism of chemotherapeutic agents with Sorcin by docking and molecular dynamic simulation	Colloids and surfaces B: Biointerfaces	December 2021	5.268	2 <sup>nd</sup>
23	Dr. Sajjad Ahmad	Asst. Prof	HantavirusesDB: Vaccinomics and RNA-based therapeutics database for the potentially emerging human respiratory pandemic agents	Microbial Pathogenesis	November 2021	3.738	3 <sup>rd</sup>
24	Dr. Sajjad Ahmad	Asst. Prof	Identifying key genes and screening therapeutic agents associated with diabetes mellitus and HCV-related hepatocellular carcinoma by bioinformatics analysis	Saudi Journal of Biological Sciences	October 2021	4.432	3 <sup>rd</sup>
25	Dr. Sajjad Ahmad	Asst. Prof	Synthesis and Identification of Novel Potential Molecules Against COVID-19 Main Protease Through Structure-Guided Virtual Screening Approach	Applied Biochemistry and Biotechnology	July 2021	2.926	3 <sup>rd</sup>
26	Dr. Sajjad Ahmad	Asst. Prof	Abrogation of SARS-CoV-2 interaction with host (NRP1) Neuropilin-1 receptor through high affinity marine natural compounds to curtail the infectivity: A structural-dynamics data	Computers in Biology and Medicine	February 2022	4.589	3 <sup>rd</sup>
27	Dr. Sajjad Ahmad	Asst. Prof	Pan-Vaccinomics Approach Towards a Universal Vaccine Candidate Against WHO Priority Pathogens to	Computers in Biology and Medicine	September 2021	4.589	5 <sup>th</sup>

			Address Growing Global Antibiotic Resistance				
28	Dr. Sajjad Ahmad	Asst. Prof	Cyclopentanone derivative attenuates memory impairment by 2 inhibiting Amyloid plaques formation in the 5xFAD mice	International Journal of Molecular Sciences	September 2021	5.923	4 <sup>th</sup>
29	Dr. Sajjad Ahmad	Asst. Prof	Synthesis, crystal structural determination and in silico biological studies of 3,3'-ethane-1,2-diylbis(2-benzylidene-1,3-thiazolidin-4-one	Journal of Molecular Structure	December 2021	3.196	5 <sup>th</sup>
30	Dr. Sajjad Ahmad	Asst. Prof	Mutational landscape of Pirin (PIR) and elucidation of the impact of most detrimental missense variants that accelerates the breast cancer pathways: A computational modelling study	Frontiers in Molecular Biosciences	June 2021	5.246	4 <sup>th</sup>
31	Dr. Sajjad Ahmad	Asst. Prof	Preliminary Structural Data Revealed that the SARS-CoV-2 B.1.617 Variant's RBD binds to ACE2 receptor stronger than the Wild Type to Enhance the Infectivity	ChemBioChem	August 2021	3.164	5 <sup>th</sup>
32	Dr. Sajjad Ahmad	Asst. Prof	Integrated Core Proteomics, Subtractive Proteomics, and Immunoinformatics Investigation to Unveil a Potential Multi-Epitope Vaccine against Schistosomiasis	Vaccines	June 2021	4.424	1 <sup>st</sup>
33	Dr. Sajjad Ahmad	Asst. Prof	Development of a Novel Multi-Epitope Vaccine Against Crimean-Congo Hemorrhagic Fever Virus: An Integrated Reverse Vaccinology, Vaccine Informatics and Biophysics Approach	Frontiers in Immunology	June 2021	8.6	3 <sup>rd</sup>

34	Dr. Sajjad Ahmad	Asst. Prof	CytomegaloVirusDb: multi-Omics knowledge database for Cytomegaloviruses	Computers in Biology and Medicine	August 2021	6.6	4 <sup>th</sup>
35	Dr. Sajjad Ahmad	Asst. Prof	Molecular Screening of Glycyrrhizin based Inhibitors against ACE2 Host Receptor of SARS-CoV-2	Journal of Molecular Modeling	June 2021	2.1	1 <sup>st</sup>
36	Dr. Sajjad Ahmad	Asst. Prof	Insights Into Mutations Induced Conformational Changes and Rearrangement of Fe <sup>2+</sup> Ion in pncA Gene of Mycobacterium tuberculosis to Decipher the Mechanism of Resistance to Pyrazinamide	Frontiers in Molecular Biosciences	May 2021	5.2	7 <sup>th</sup>
37	Dr. Sajjad Ahmad	Asst. Prof	Structural Basis of UDP-N-Acetyl Glucosamine Pyrophosphorylase and Identification of Promising Terpenes to Control Aedes aegypti	Colloids and surfaces B: Biointerfaces	August 2021	5.2	2 <sup>nd</sup>
38	Dr. Sajjad Ahmad	Asst. Prof	Synthesis, Crystal structure, Hirshfeld surface Analysis and computational approach of new 2-methylbenzimidazo[1,2-a]pyrimidin-4(1H)-one	Journal of Molecular Structure	September 2021	3.1	5 <sup>th</sup>
39	Dr. Sajjad Ahmad	Asst. Prof	Natural Products for Treatment of Plasmodium falciparum Malaria: An Integrated Computational Approach	Computers in Biology and Medicine	July 2021	6.6	4 <sup>th</sup>
40	Dr. Sajjad Ahmad	Asst. Prof	Immunogenomics Guided Design of Immunomodulatory Multi- Epitope Subunit Vaccine against the SARS-CoV-2 new Variants, and its Validation through in Silico Cloning and Immune Simulation	Computers in Biology and Medicine	June 2021	6.6	7 <sup>th</sup>
41	Dr. Sajjad Ahmad	Asst. Prof	Designing multi-epitope vaccine against Staphylococcus aureus by employing subtractive proteomics, reverse vaccinology and immuno-	Computers in Biology and Medicine	May 2021	6.6	2 <sup>nd</sup>

			informatics approaches				
42	Dr. Sajjad Ahmad	Asst. Prof	Mononuclear Copper (I) Complexes of Triphenylphosphine and N, N'-Disubstituted Thioureas as Potential DNA Binding Chemotherapeutics	New Journal of Chemistry	Apr 2021	3.7	2 <sup>nd</sup>
43	Dr. Sajjad Ahmad	Asst. Prof	Mechanistic evaluation of a novel cyclohexanone derivative's functionality against nociception and inflammation: An in-vitro, in-vivo and in-silico approach	European Journal of Pharmacology	July 2021	5.2	7 <sup>th</sup>
44	Dr. Sajjad Ahmad	Asst. Prof	Computational Modeling of Immune Response Triggering Immunogenic Peptide Vaccine Against the Human Papillomaviruses to Induce Immunity Against Cervical Cancer	Viral Immunology	September 2021	2.1	3 <sup>rd</sup>
45	Dr. Sajjad Ahmad	Asst. Prof	Immuno-Informatics Analysis of Pakistan-Based HCV Subtype-3a for Chimeric Polypeptide Vaccine Design	Vaccines	March 2021	4.422	1 <sup>st</sup>
46	Dr. Sajjad Ahmad	Asst. Prof	Growth, Single crystal investigations, Hirshfeld surface analysis, DFT studies, Molecular Dynamics Simulations, Molecular docking, physico-chemical characterization and biological activity of novel complexes with Cobalt and Zinc transition metal precursor	Polyhedron	September 2021	3.2	
47	Dr. Sajjad Ahmad	Asst. Prof	Structural elucidation of Rift Valley Fever Virus L protein towards the discovery of its potential inhibitors	MDPI Pharmaceuticals	May 2022	5.2	
48	Dr. Sajjad Ahmad	Asst. Prof	Discovery of Rift Valley fever virus natural pan-inhibitors by targeting its multiple key proteins through computational approaches	Scientific Report	June 2022	4.3	
49	Dr. Sajjad Ahmad	Asst. Prof	Design of s multi-epitopes-based peptide vaccines against rift valley fever virus and its validation through integrated computational approaches	Computers in biology and Medicine	December 2021	6.6	First Equal Author

50	Dr. Sajjad Ahmad	Asst. Prof	Sulfonylbis (acylhydrazones) is anticholinesterase inhibitors: synthesis, invitro biological evolution computational studies	General ofMolecular Structure	December 2021	5.9	4 <sup>th</sup>
51	Dr. Sajjad Ahmad	Asst. Prof	Discovery of potential antiviral compounds against Hendra virus by targeting its receptor-binding protein (G) using computational approaches	Molecules	January 2022	4.9	6 <sup>th</sup>
52	Dr. Sajjad Ahmad	Asst. Prof	PSRR: web server for predicting the regulation miRNAs expression by smallmolecules	Frontier inmolecular biosciences	March 2022	5.2	6 <sup>th</sup>
53	Dr. Sajjad Ahmad	Asst. Prof	Computational modeling of potentially emerging SARS- CoV-2 spike protein RBDS mutations with higher binding affinity towards ACE2: A structural modeling study	Computer inbiology and medicine	February 2022	6.6	3 <sup>rd</sup>
54	Dr. Sajjad Ahmad	Asst. Prof	Designing recombinant vaccines against Providencia rettgeri using immunoinformatic approach	Vaccines	January 2022	4.422	2 <sup>nd</sup>
55	Dr. Sajjad Ahmad	Asst. Prof	An in silico study to unveil potential drugs and vaccines chimera for HBV capsid assembly protein: combines molecular docking and dynamics simulation approach	Journal ofmolecular modeling	February 2022	2.1	3 <sup>rd</sup>
56	Dr. Sajjad Ahmad	Asst. Prof	Sterically hindered mononuclear and binuclear Cu(I) complexes: synthesis, characterization, docking analysis and antimicrobial evaluation	Journal ofMolecular Structure	February 2022	3.3	4 <sup>th</sup>
57	Dr. Sajjad Ahmad	Asst. Prof	Computational binding analysis of ethyl 3,3,5,5- tetracyano-2-hydroxy-2-methyl-4,6, diphenylcyclohexane-1-carboxylate in calf thymus DNA	Applied Biochemistry and Biotechnology	February 2022	2.9	3 <sup>rd</sup>
58	Dr. Sajjad Ahmad	Asst. Prof	Evaluation and identification of essential therapeutic proteins vaccinomics approach toward multi - epitopes vaccines designing against Legionella pneumophila for immune response instigation	Computers in Biology and Medicines	February 2022	6.6	12 <sup>th</sup>

59	Dr. Sajjad Ahmad	Asst. Prof	Molecular docking study and molecular dynamics simulation of Ethyl 3,5- diphenyl- 1H-pyrrole-2- carboxylate and (Z)-ethyl2-(3- oxo- 1,3-diphenylprop-1- enylamino)acetate	Journal of Biochemical and Molecular Toxicology	February 2022	3.85	4 <sup>th</sup>
60	Dr. Sajjad Ahmad	Asst. Prof	Computational design of multi- epitope vaccine against Porphyromonas gingivalis	Frontier in Immunology	February 2022	8.6	2 <sup>nd</sup>
61	Dr. Sajjad Ahmad	Asst. Prof	Designing of a Novel multi- antigenic epitope-based vaccine against E. hormaechei: an integrated Reverse vaccinology and immunoinformatic Approach	MDPI Vaccines	May 2022	4.422	8 <sup>th</sup>
62	Dr. Sajjad Ahmad	Asst. Prof	Designing a multi-epitope vaccine against C. pneumoniae by integrating the core proteomics, subtractive proteomics and reverse vaccinology-based immunoinformatic approaches	Computers in Biology and Medicine	April 2022	4.589	12 <sup>th</sup>
63	Dr. Sajjad Ahmad	Asst. Prof	Synthesis, crystal structure investigation and computational approach to discover potential hydrazide derivatives as a potent inhibitor of cyclooxygenase-2 enzyme	Journal of biochemical and molecular toxicology	April 2022	3.652	3 <sup>rd</sup>
64	Dr. Sajjad Ahmad	Asst. Prof	Designing of a Recombinant Multi-epitopes-based vaccine against Enterococcus mundtii using bioinformatics and immunoinformatic approaches	International Journal of Environmental research and public health	March 2022	3.390	7 <sup>th</sup>
65	Dr. Sajjad Ahmad	Asst. Prof	Design of a multi-epitope vaccine against Tropherymawhipplei	Vaccine	June 2021	4.422	9 <sup>th</sup>

			using immunoinformatic and molecular dynamics simulation techniques				
66	Dr. Sajjad Ahmad	Asst. Prof	Vaccinomics to design a multi-epitopes vaccine for <i>Acinetobacter baumannii</i>	International Journal of Environmental research and public health	May 2022	3.390	5 <sup>th</sup>
67	Dr. Sajjad Ahmad	Asst. Prof	Complexes of 1-(2-R(F,CH <sub>3</sub> ,Cl)-phenyl)-1,4-dihydro-5H-tetrazolole with cadmium chloride: synthesis, molecular, crystal structure and computational investigation	Journal of inorganic Biochemistry	March 2022	4.155	4 <sup>th</sup>
68	Dr. Sajjad Ahmad	Asst. Prof	Synthesis, antimicrobial, anticancer activities, PASS prediction, molecular docking, molecular dynamics and pharmacokinetics studies of designed methyl alpha -D - glucopyranoside esters	Journal of Molecular structure	July 2022	3.196	3 <sup>rd</sup>
69	Dr. Sajjad Ahmad	Asst. Prof	Design of a multi-epitopes vaccines against Hantavirus: An immunoinformatics and molecular modelling approach	MDPI vaccine	February 2022	4.422	4 <sup>th</sup>
70	Dr. Sajjad Ahmad	Asst. Prof	Diabetes morality and trends before 25 years of age: an analysis of the global burden of disease study	Lancet Diabetes and endocrinology	February 2022	32.069	22 <sup>nd</sup>
71	Dr. Sajjad Ahmad	Asst. Prof	Whole proteome-based therapeutic targets annotation and designing of multi-epitop- based vaccine against the gram- negative <i>XDR-alcaligenes faecalis</i> bacterium	MDPI vaccine	March 2022	4.422	8 <sup>th</sup>
72	Dr. Sajjad Ahmad	Asst. Prof	Synthesis, antimicrobial, anticancer activities, PASS prediction, molecular docking, molecular dynamics and harmacokinetics studies of designed methyl alpha -D - glucopyranoside esters	Journal of Molecular structure	May 2022	3.196	3 <sup>rd</sup>
73	Dr. Sajjad Ahmad	Asst. Prof	Design of a multi-epitopes vaccines against Hantavirus: An immunoinformatics and molecular modelling approach	MDPI vaccine	February 2022	4.422	4 <sup>th</sup>

74	Dr. Sajjad Ahmad	Asst. Prof	Diabetes morality and trends before 25 years of age: an analysis of the global burden of disease study	Lancet Diabetes and endocrinology	February 2022	32.069	22 <sup>nd</sup>
75	Dr. Sajjad Ahmad	Asst. Prof	Whole proteome-based therapeutic targets annotation and designing of multi-epitop- based vaccine against the gram- negative XDR-alcaligenes faecalis bacterium	MDPI vaccine	March 2022	4.422	8 <sup>th</sup>
76	Dr. Muhammad Saqib Ishaq	Asst. Prof	Production of single cell microbial protein and its use as protein source in broiler ration	Pakistan Journal of Zoology	March 2021	0.831	4 <sup>th</sup>
77	Dr. Saif Ullah Khan	Asst. Prof	Synthesis and characterization of novel piroxicam derivatives and their antiglycation activity	Journal of Molecular Structure	April 2021	3.196	8 <sup>th</sup>
78	Dr. Zobia Afsheen	Asst. Prof	Exploring the therapeutic potential of Hibiscus rosa sinensis synthesized cobalt oxide (Co <sub>3</sub> O <sub>4</sub> -NPs) and magnesium oxide nanoparticles (MgO-NPs)	Saudi Journal of Biological Sciences	May 2021	4.219	8 <sup>th</sup>
79	Dr. Zobia Afsheen	Asst. Prof	Curcuma longa Mediated Synthesis of Copper Oxide, Nickel Oxide and Cu-Ni Bimetallic Hybrid Nanoparticles: Characterization and Evaluation for Antimicrobial, Anti-Parasitic and Cytotoxic Potentials	Coatings	July 2021	2.881	8 <sup>th</sup>
80	Dr. Zobia Afsheen	Asst. Prof	Prevalence of Hepatitis C and associated risk factors among pregnant women of district Nowshera, Khyber Pakhtunkhwa	Advancements in Life Sciences	August 2018	0	1 <sup>st</sup>
81	Dr. Zobia Afsheen	Asst. Prof	Proteome Wide Screening of Potential Vaccine Targets against Brucella melitensis	Vaccine	January 2023	4.961	9 <sup>th</sup>
82	Dr. Zobia Afsheen	Asst. Prof	Antibacterial and Antifungal Activities of Garlic (Allium sativum) against Common Pathogens	Bioscientific Review	June 2022	Nil	2 <sup>nd</sup>

83	Dr. Zobia Afsheen	Asst. Prof	Pan-Genome Analysis of Oral Bacterial Pathogens to Predict a Potential Novel Multi-Epitopes Vaccine Candidate	International Journal of Environmental Research and Public Health	July 2022	3.39	6 <sup>th</sup>
84	Dr. Zobia Afsheen	Asst. Prof	Vaccinomics to Design a Multi-Epitopes Vaccine for <i>Acinetobacter baumannii</i>	International Journal of Environmental Research and Public Health	May 2022	3.39	9 <sup>th</sup>
85	Dr. Zobia Afsheen	Asst. Prof	Towards A Novel Multi-Epitopes Chimeric Vaccine for Simulating Strong Immune Responses and Protection against <i>Morganella morganii</i>	International journal of Environmental research and Public Health	October 2021	3.39	4 <sup>th</sup>
86	Dr. Zobia Afsheen	Asst. Prof	Exploring the therapeutic potential of <i>Hibiscus rosa sinensis</i> synthesized cobalt oxide (Co <sub>3</sub> O <sub>4</sub> -NPs) and magnesium oxide nanoparticles (MgO-NPs)	Saudi journal of Biological Sciences	September 2021	4.219	7 <sup>th</sup>
87	Dr. Zobia Afsheen	Asst. Prof	Curcuma longa Mediated Synthesis of Copper Oxide, Nickel Oxide and Cu-Ni Bimetallic Hybrid Nanoparticles: Characterization and Evaluation for Antimicrobial, Anti-Parasitic and Cytotoxic Potentials	Coatings	September 2021	2.86	8 <sup>th</sup>
88	Dr. Zobia Afsheen	Asst. Prof	Current Epidemiological Status of Cutaneous Leishmaniasis in Different Villages of District Malakand KP Province, Pakistan: A Perspective Study	Fresenius Environmental Bulletin	September 2021	0.489	6 <sup>th</sup>
89	Dr Amin ullah	Asst. Prof	Phylogenetic analysis of the 5' untranslated region of HCV from cirrhotic patients in Khyber Pakhtunkhwa, Pakistan	Scientific Reports	July 2021	5.133	1 <sup>st</sup>
90	Dr. Komal Aman	Assistant Professor	PCR based identification of <i>Helicobacter pylori</i> infection in saliva samples. IJB	International journal of Biosciences	January 2020	2.12	1 <sup>st</sup>
91	Dr. Komal Aman	Assistant Professor	In vitro biomedical and photo-catalytic application of bio-inspired <i>Zingiber officinale</i> mediated silver nanoparticles	Journal of Biomedical Nanotechnology	April 2020	4.438	9 <sup>th</sup>

92	Dr. Komal Aman	Assistant Professor	Innate Immune-mediated Antiviral Response to SARS-CoV-2 and Convalescent sera a potential Prophylactic and Therapeutic Agent to Tackle COVID-19	Antibody Therapeutics	July 2020	5.2	3 <sup>rd</sup>
93	Dr. Komal Aman	Assistant Professor	Comparative analysis of various sources of selenium on the growth performance and antioxidant status in broilers under heat stress	Brazilian Journal Of Biology	May 2021	1.4	6 <sup>th</sup>
94	Dr. Komal Aman	Assistant Professor	Anti-hyperglycemic and anti-hyperlipidemic effects of a methanolic extract of <i>Debregeasia salicifolia</i> in Alloxan-induced diabetic albino mice	Brazilian Journal Of Biology	Dec 2021	1.4	8 <sup>th</sup>
95	Dr. Komal Aman	Assistant Professor	An alarming scenario in developing world: A looming of viral outbreaks	Asian Pacific Journal Of Tropical Medicine	September 2022	3.04	4 <sup>th</sup>
96	Muhammad Saqib Ishaq	Asst. Prof	Exploration of <i>Arisaema dracontium</i> root extract and biological evaluation of its bio-synthesized silver nano particles against pathogenic bacteria	Agrociencia	April 2022	0.370	2 <sup>nd</sup>
97	Dr. Kashif Bashir	Asst. Prof	Phylogenetic analysis and antimicrobial susceptibility profile of Uropathogens	PLoS One	January 2022	3.240	2 <sup>nd</sup>
98	Dr. Kashif Bashir	Asst. Prof	Bioremediation of Heavy Metals from Industrial Effluents Using <i>Bacillus pakistanensis</i> and <i>Lysinibacillus composti</i> . Sustainability	Sustainability	2023	3.89	2 <sup>nd</sup>
99	Dr. Kashif Bashir	Asst. Prof	Anti-Inflammatory and Anti-Diabetic Activity of Ferruginan, a Natural Compound from <i>Olea ferruginea</i>	Processes	2023	3.31	5 <sup>th</sup>
100	Dr. Kashif Bashir	Asst. Prof	Virtual Screening of <i>Artemisia annua</i> Phytochemicals as Potential Inhibitors of SARS-CoV-2 Main Protease Enzyme	PLoS One	2022	4.67	3 <sup>rd</sup>

101	Dr. Kashif Bashir	Asst. Prof	Phylogenetic analysis and antimicrobial susceptibility profile of uropathogens	Molecules	2022	3.58	2 <sup>nd</sup>
102	Dr. Kashif Bashir	Asst. Prof	Comprehensive review on naringenin and naringin polyphenols as a potent anticancer agent	Environmental Science and Pollution Research	2022	5.03	4 <sup>th</sup>
103	Dr. Kashif Bashir	Asst. Prof	Antimicrobial, cytotoxic and phytotoxic activities of <i>Skimmia laureola</i>	Journal of medicinal and spice plants	2020	0.02	5 <sup>th</sup>
104	Asadullah	Lecturer.	Designing of a Novel Multi-Antigenic Epitope-Based Vaccine against <i>E. hormaechei</i> : An Intergrated Reverse Vaccinology and Immunoinformatics	Vaccine MDPI	April 2022	4.961	6 <sup>th</sup>
105	Asadullah	Lecturer,	Designing of a Recombinant Multi-Epitopes Based Vaccine against <i>Enterococcus mundtii</i> Using Bioinformatics and Immunoinformatics Approaches	International Journal of Environmental Research and Public Health	March 2022	4.614	6 <sup>th</sup>
106	Asadullah	Lecturer,	Immuno-informatics profiling of monkeypox virus cell surface binding protein for designing a next generation multi-valent peptide-based vaccine	Frontiers in Immunology	November 2022	8.786	3 <sup>rd</sup>
107	Asadullah	Lecturer,	Virtual Screening of <i>Artemisia annua</i> Phytochemicals as Potential Inhibitors of SARS-CoV-2 Main Protease Enzyme	Molecules	November 2022	4.927	2 <sup>nd</sup>
108	Asadullah	Lecturer,	Genome-Based Multi-Antigenic Epitopes Vaccine Construct Designing against <i>Staphylococcus hominis</i> Using Reverse Vaccinology	Vaccines MDPI	October 2022	4.961	2 <sup>nd</sup>

109	Asadullah,	Lecturer,	Design of Multi-Epitope Vaccine for <i>Staphylococcus saprophyticus</i> : Pan-Genome and Reverse Vaccinology Approach	Vaccines MDPI	November 2022	4.961	2 <sup>nd</sup>
110	Asadullah,	Lecturer,	Computational study to investigate <i>Proteus mirabilis</i> proteomes for multi-epitope vaccine construct design	Journal of Biomolecular Structure and Dynamics	December 2022	5.235	1 <sup>st</sup>
111	Asadullah,	Lecturer,	An integrative reverse vaccinology, immunoinformatic, docking and simulation approaches towards designing of multi-epitopes based vaccine against monkeypox virus	Journal of Biomolecular Structure and Dynamics	September 2022	5.235	1 <sup>st</sup>
112	Asadullah,	Lecturer,	Novel Chimeric Vaccine Candidate Development against <i>Leptotrichia buccalis</i>	International Journal of Environmental Research and Public Health	July 2022	4.614	8 <sup>th</sup>
113	Asadullah,	Lecturer,	Vaccinomics to design a multi-epitope-based vaccine against monkeypox virus using surface-associated proteins	Journal of Biomolecular Structure and Dynamics	December 2022	5.235	4 <sup>th</sup>
114	Asadullah,	Lecturer,	Computational Based Designing of a Multi-Epitopes Vaccine against <i>Burkholderia mallei</i>	Vaccines MDPI	September 2022	Vaccines MDPI	7 <sup>th</sup>
115	Asadullah,	Lecturer,	Characterization of proteome wide antigenic epitopes to design proteins specific and proteome-wide ensemble vaccines against heartland virus using structural vaccinology and immune simulation approaches	Microbial Pathogenesis	May 2022	3.848	6 <sup>th</sup>
116	Asadullah,	Lecturer,	Towards A Novel Multi-Epitopes Chimeric Vaccine for Simulating Strong Immune Responses and Protection against <i>Morganella morganii</i>	International Journal of Environmental Research and Public Health	October 2021	4.614	1 <sup>st</sup>
117	Asad ullah	Lecture	Vaccinomics to Design a Multi-Epitopes Vaccine for <i>Acinetobacter baumannii</i>	International Journal of Environmental Research and Public Health	May 2022	4.614	3 <sup>rd</sup>

118	Asad Ullah		Designing a Recombinant Vaccine against <i>Providencia rettgeri</i> Using Immunoinformatics Approach	Vaccines MDPI	January 2022	Vaccines MDPI	3 <sup>rd</sup>
119	Mr. Muhammad Saqib Ishaq	Assistant Professor	Production of Single Cell Microbial Protein and its Use as Protein Source in Broiler Ration	Pakistan Journal of Zoology	2021	0.687	4 <sup>th</sup>
120	Mr. Muhammad Saqib Ishaq	Assistant Professor	Exploration of <i>Arisaema dracontium</i> root extract and biological evaluations of its bio-Synthesized Silver Nanoparticles against Pathogenic Bacteriae	Agrociencia	2022	0.436	2 <sup>nd</sup>
121	Mr. Muhammad Saqib Ishaq	Assistant Professor	Pan-Genome Analysis of Oral Bacterial Pathogens to Predict a Potential Novel Multi-Epitopes Vaccine Candidate	International journal of environmental research and public health	2022	4.614	8 <sup>th</sup>
122	Mr. Muhammad Saqib Ishaq	Assistant Professor	Epidemiology and Risk Factors of Intestinal Parasites in Hospital Patients	Tobacco Regulatory Sciences	2022	2.024	2 <sup>nd</sup>
123	Mr. Muhammad Saqib Ishaq	Assistant Professor	Phytochemical and Biological Screening of Pistacia Khinjuk.	Tobacco Regulatory Sciences	2022	2.024	2 <sup>nd</sup>
124	Syeda Farishta saba shah	lecturer	Frequency of Sociodemographic Factors Leading to Pulmonary Tuberculosis in Diagnosed Patients Attending Public Health Care Facility	Pakistan journal of medical and health sciences	December 2020	0.07	3 <sup>rd</sup>
125	Amjad Khan	Lecturer	Antibiogram Analysis of Pathogenic Bacteria Isolated from Human Nails	Journal of Wazir Muhammad Institute of Paramedical Technology	June 2022	-	6 <sup>th</sup>
126	Amjad Khan	Lecturer	Determination of Antibacterial Activity of Nicotiana Tabacum Against Bacteria Isolated from Teeth Gums of Smokers and Non - Smokers	Journal of Wazir Muhammad Institute of Paramedical Technology	December 2022	-	6 <sup>th</sup>
127	Amjad Khan	Lecturer	Optimization of Different Growth Parameters for Maximum Production of Bioactive Crude Metabolites by <i>Aspergillus fumigatus</i>	Pakistan Journal of Pharmaceutical Sciences	May 2023	0.863	6 <sup>th</sup>

128	Amjad Khan	Lecturer	Computer-Aided Multi-Epitope Vaccine Design against <i>Enterobacter xiangfangensis</i>	International Journal of Environmental Research and Public Health	23rd June 2022	4.6141	9 <sup>th</sup>
129	Sidra Farooq	Assistant Professor	Antibiogram Analysis of Pathogenic Bacteria Isolated from Human Nails	Journal of Wazir Muhammad Institute of Paramedical Technology	June 2022	-	1 <sup>st</sup>
130	Sidra Farooq	Assistant Professor	Determination of Antibacterial Activity of Nicotiana Tabacum Against Bacteria Isolated from Teeth Gums of Smokers and Non - Smokers	Journal of Wazir Muhammad Institute of Paramedical Technology	December 2022	-	1 <sup>st</sup>
131	Sidra Farooq	Assistant Professor	Optimization of Different Growth Parameters for Maximum Production of Bioactive Crude Metabolites by <i>Aspergillus fumigatus</i>	Pakistan Journal of Pharmaceutical Sciences	May 2023	0.863	1 <sup>st</sup>
132	Rida Zainab	Lecturer	Determination of Antibacterial Activity of Nicotiana Tabacum Against Bacteria Isolated from Teeth Gums of Smokers and Non - Smokers	Journal of Wazir Muhammad Institute of Paramedical Technology	December 2022	-	8 <sup>th</sup>
133	Mr. Khalid Amin	Assistant Professor	Antimicrobial Activity of Rhizome of Christella dentata. (forsk.) Brownsey & Jermy Against Selected Microorganisms	Regulatory Science Tobacco	2022	2.024	8 <sup>th</sup>
134	Mr. Khalid Amin	Assistant Professor	.Phytochemical and Antimicrobial Screening of Pistacia Khinjuk Plant Extract	Regulatory Science Tobacco	2022	2.024	4 <sup>th</sup>
135	Khalid Amin	Asst. Prof.	Antimicrobial Activity of Rhizome of Christella dentata. (forsk.) Brownsey & Jermy Against Selected Microorganisms	Tobacco Regulatory science	January 2022	2.024	8 <sup>th</sup>
136	Dr. Madiha Iqbal	Assistant Professor	Biodegradation of Low-Density Polyethylene (LDPE) Bags by Fungi Isolated from Waste Disposal Soil	Applied and Environmental Soil Science	May 2022	4.33	4 <sup>th</sup>

137	Dr. Madiha Iqbal	Assistant Professor	Green synthesis and characterization of copper and nickel hybrid nanomaterials: Investigation of their biological and photocatalytic potential for the removal of organic crystal violet dye	Journal of Saudi Chemical Society	May 2022	4.66	7 <sup>th</sup>
138	Dr. Madiha Iqbal	Assistant Professor	<i>Zingiber officinale</i> driven bioproduction of ZnO nanoparticles and their anti-inflammatory, anti-diabetic, anti-Alzheimer, anti-oxidant, and anti-microbial applications	Inorganic Chemistry Communications	April 2022	3.428	10 <sup>th</sup>
139	Dr. Madiha Iqbal	Assistant Professor	Biodegradation of low-density polyethylene plastics by fungi isolated from waste disposal site at district Peshawar, Pakistan	Pakistan Journal of Biochemistry and Biotechnology	December 2021	-	4 <sup>th</sup>
140	Dr. Madiha Iqbal	Assistant Professor	Anti-hyperglycemic and anti-hyperlipidemic effects of a methanolic extract of <i>Debregeasia salicifolia</i> in Alloxan-induced diabetic albino mice.	Brazilian Journal of Biology	2024	1.32	5 <sup>th</sup>
141	Dr. Madiha Iqbal	Assistant Professor	Green synthesis of silver nanoparticles from <i>Valeriana jatamansi</i> shoots extract and its antimicrobial activity	Green Processing and Synthesis	September 2020	4.07	1 <sup>st</sup>
142	Dr. Madiha Iqbal	Assistant Professor	<i>In vitro</i> biomedical and photocatalytic application of bio-inspired <i>Zingiber officinale</i> mediated silver nanoparticle	Journal of Biomedical Nanotechnology	July 2020	3.45	13 <sup>th</sup>
143	Ms. Saira	Assistant Professor	<i>Zingiber officinale</i> driven bioproduction of ZnO nanoparticles and their anti-inflammatory, anti-diabetic, anti-Alzheimer, anti-oxidant and anti-microbial applications	Inorganic chemistry communications	June 2022	3.4	8 <sup>th</sup>
144	Ms. Saira	Assistant Professor	Green synthesis and characterization of copper and nickel hybrid nanomaterial: Investigations of their biological and photocatalytic potential for	Journal of Saudi chemical society	May 2022	4.7	5 <sup>th</sup>

			the removal of organic crystal violet dye				
145	Ms. Saira	Assistant Professor	Biodegradation of low density polyethylene bags by fungi isolated from waste disposal site	Applied and environmental soil sciences	May 2022	2	1 <sup>st</sup>
146	Dr. Aminullah	Assistant Professor,	Circulating microRNA-122 in HCV cirrhotic patients with high frequency of genotype	PLoS ONE	May 2022	3.752	1 <sup>st</sup>
147	Dr. Aminullah	Assistant Professor,	Anti-hyperglycemic and anti hyperlipidemic effects of a methanolic extract of <i>Debregeasia salicifolia</i> in Alloxan-induced diabetic albino mice	Brazilian Journal of Biology	December 2021	1.651	2 <sup>nd</sup>
148	Dr. Aminullah	Assistant Professor,	Green cleaning activity of <i>Bacillus salmalaya</i> 139Sl: a novel strain for removing common household stains	Biomass Conversion and Biorefinery	July 2022	4.05	5 <sup>th</sup>
149	Dr. Aminullah	Assistant Professor,	Evaluation, Characterization and Molecular Analysis of Cellulolytic Bacteria from Soil in Peshawar, Pakistan	Microbiology and Biotechnology Letters	May 2022	4.05	6 <sup>th</sup>
150	Dr. Sajjad Ahmad	Asst. Prof.	Sulfonylbis (acylhydrazones) Is anticholinesterase inhibitors: synthesis, invitrobiological evolution computational studies	General ofMolecular Structure	March 2022	3.196	4 <sup>th</sup>
151	Dr. Sajjad Ahmad	Asst. Prof.	Biological Evaluation and Computational Studies of Methoxy-flavones from Newly Isolated Radioresistant <i>Micromonospora aurantiaca</i> Strain TMC-15	Applied Biochemistry and Biotechnology	2023 Aug	3.094	6 <sup>th</sup>
152	Dr. Sajjad Ahmad	Asst. Prof.	Integrated Molecular Modeling and Dynamics Approaches Revealed Potential Natural Inhibitors of NF-Kb Transcription Factor as Breast Cancer Therapeutics	Journal of Biomolecular Structure and Dynamics	2023 Jun	5.235	6 <sup>th</sup>
153	Dr. Sajjad Ahmad	Asst. Prof.	Structural basis for the mechanism of interaction of SARS-CoV-2 B.1.640.2 variant RBD with the host receptors	Journal of Biomolecular Structure and Dynamics	April 2023	5.235	7 <sup>th</sup>

			ACE2 and GRP78				
154	Dr. Sajjad Ahmad	Asst. Prof.	Molecular Characterization and Epidemiology of Antibiotic Resistance Genes of $\beta$ -Lactamase Producing Bacterial Pathogens Causing Septicemia from Tertiary Care Hospitals	Antibiotics	March 2023	5.22	3 <sup>rd</sup>
155	Dr. Sajjad Ahmad	Asst. Prof.	Integrated virtual screening and molecular dynamics simulation approaches revealed potential natural inhibitors for DNMT1 as therapeutic solution for triple negative breast cancer	Journal of Biomolecular Structure and Dynamics	April 2023	5.235	3 <sup>rd</sup>
156	Dr. Sajjad Ahmad	Asst. Prof.	Quorum Quenchers from Reynoutria japonica in the Battle of Methicillin Resistant Staphylococcus aureus (MRSA)	Molecules	March 2023	4.927	7 <sup>th</sup>
157	Dr. Sajjad Ahmad	Asst. Prof.	Synthesis, X-ray crystal structure, Hirshfeld surface analysis and computational investigation into the potential inhibitory action of novel 6-(p-tolyl)-2-((p-tolyl)thio)methyl-7H-[1 ...	Journal of Biomolecular Structure and Dynamics	Feb 2023	5.235	7 <sup>th</sup>
158	Dr. Sajjad Ahmad	Asst. Prof.	Structure-Based Virtual Screening of Furan-1, 3, 4-Oxadiazole Tethered N-phenylacetamide Derivatives as Novel Class of hTYR and hTYRP1 Inhibitors	Pharmaceutical	February 2023	5.215	3 <sup>rd</sup>
159	Dr. Sajjad Ahmad	Asst. Prof.	Identification of Efflux Pump Mutations in Pseudomonas aeruginosa from Clinical Samples	Antibiotics	February 2023	5.22	5 <sup>th</sup>
160	Dr. Sajjad Ahmad	Asst. Prof.	1, 4, 9, 9-tetramethyloctahydro-4, 7-(epoxymethano) azulene-5 (1H)-one, a natural product as a potential inhibitor of COVID-19: Extraction, crystal structure, and virtual ...	Journal of King Saud University-Science	May 2023	3.829	4 <sup>th</sup>
161	Dr. Sajjad Ahmad	Asst. Prof.	Efficient Antibacterial/Antifungal Activities: Synthesis, Molecular Docking, Molecular Dynamics, Pharmacokinetic, and Binding Free Energy of Galactopyranoside	Molecules	December 2022	4.927	5 <sup>th</sup>

			Derivatives				
162	Dr. Sajjad Ahmad	Asst. Prof.	Computational study to investigate <i>Proteus mirabilis</i> proteomes for multi-epitope vaccine construct design	Journal of Biomolecular Structure and Dynamics	Dec 2022	5.235	4 <sup>th</sup>
163	Dr. Sajjad Ahmad	Asst. Prof.	BTEAC Catalyzed Ultrasonic-Assisted Synthesis of Bromobenzofuran-Oxadiazoles: Unravelling Anti-HepG-2 Cancer Therapeutic Potential through In Vitro and In Silico Studies	International Journal of Molecular Sciences	January 2023	6.208	6 <sup>th</sup>
164	Dr. Sajjad Ahmad	Asst. Prof.	Endophytic bacteria of <i>Fagonia indica</i> Burm. f revealed to harbour rich secondary antibacterial metabolites	Plos one	2022	3.752	3 <sup>rd</sup>
165	Dr. Sajjad Ahmad	Asst. Prof.	Green Chemistry in Organic Synthesis: Recent Update on Green Catalytic Approaches in Synthesis of 1, 2, 4-Thiadiazoles	Catalysts	October 2022	4.501	5 <sup>th</sup>
166	Dr. Sajjad Ahmad	Asst. Prof.	Vaccinomics to design a multi-epitope-based vaccine against monkeypox virus using surface-associated proteins	Journal of Biomolecular Structure and Dynamics	December 2022	5.235	5 <sup>th</sup>
167	Dr. Sajjad Ahmad	Asst. Prof.	Computational Design of a Chimeric Vaccine against <i>Plesiomonas shigelloides</i> Using Pan-Genome and Reverse Vaccinology	Vaccines	November 2022	4.961	8 <sup>th</sup>
168	Dr. Sajjad Ahmad	Asst. Prof.	Discovery of potential phytochemicals as inhibitors of TcdB, a major virulence factors of <i>Clostridioides difficile</i>	Journal of Biomolecular Structure and Dynamics	January 2023	5.235	6 <sup>th</sup>
169	Dr. Sajjad Ahmad	Asst. Prof.	Proteome-wide Screening of Potential Vaccine Targets against <i>Brucella melitensis</i>	Vaccines	February 2023	4.961	4 <sup>th</sup>
170	Dr. Sajjad Ahmad	Asst. Prof.	Virtual Screening of <i>Artemisia annua</i> Phytochemicals as Potential Inhibitors of SARS-CoV-2 Main Protease Enzyme	Molecules	November 2022	4.927	6 <sup>th</sup>
171	Dr. Sajjad Ahmad	Asst. Prof.	Pharmacological inhibition of cathepsin C (CatC) as a potential approach for cancer therapeutics	Journal of Biomolecular Structure and Dynamics	October 2022	5.235	4 <sup>th</sup>

172	Dr. Sajjad Ahmad	Asst. Prof.	Genome-Based Multi-Antigenic Epitopes Vaccine Construct Designing against Staphylococcus hominis Using Reverse Vaccinology and Biophysical Approaches	Vaccines	October 2022	4.961	6 <sup>th</sup>
173	Dr. Sajjad Ahmad	Asst. Prof.	Screening of marine natural products for potential inhibitors targeting biotin biosynthesis pathway in Mycobacterium tuberculosis	Journal of Bimolecular Structure and Dynamics	October 2022	5.235	3 <sup>rd</sup>
174	Dr. Sajjad Ahmad	Asst. Prof.	Computational Based Designing of a Multi-Epitopes Vaccine against Burkholderia mallei	MDPI Vaccines	September 2022	4.961	7 <sup>th</sup>
175	Dr. Sajjad Ahmad	Asst. Prof.	Mechanistic efficacy assessment of selected novel methanimine derivatives against vincristine induced Neuropathy: In-vivo, Ex-vivo and In-silico correlates	International Immunopharmacology	November 2022	5.714	7 <sup>th</sup>
176	Dr. Sajjad Ahmad	Asst. Prof.	Pan-Genome-Assisted Computational Design of a Multi-Epitopes-Based Vaccine Candidate against Helicobacter cinaedi	International Journal of Environmental Research and Public Health	August 2022	4.614	6 <sup>th</sup>
177	Dr. Sajjad Ahmad	Asst. Prof.	One-pot synthesis, X-ray crystal structure, and identification of potential molecules against COVID-19 main protease through structure-guided modeling and simulation approach	Arabian Journal of Chemistry	November 2022	6.212	4 <sup>th</sup>
178	Dr. Sajjad Ahmad	Asst. Prof.	An Integrative Reverse Vaccinology, Immunoinformatic, Docking and Simulation Approaches Towards Designing of Multi-epitopes Based Vaccine Against Monkeypox Virus	Journal of Bimolecular Structure and Dynamics	Sep 2022	5.235	7 <sup>th</sup>
179	Dr. Sajjad Ahmad	Asst. Prof.	Identification and Characterization of Malate Dehydrogenases in Tomato (Solanum lycopersicum L.)	International Journal of Molecular Sciences	September 2022	6.208	5 <sup>th</sup>
180	Dr. Sajjad Ahmad	Asst. Prof.	Self-assembly of new cobalt complexes based on [Co (SCN) <sub>4</sub> ], Synthesis, Empirical, Antioxidant activity, and Quantum theory investigations	Scientific Reports	September 2022	4.996	7 <sup>th</sup>
181	Dr. Sajjad Ahmad	Asst. Prof.	Potential SARS-CoV-2 RdRp	PloS ONE	November	3.752	3 <sup>rd</sup>

			Inhibitors of Cytidine Derivatives: Molecular Docking, Molecular Dynamic Simulations, ADMET, and POM Analyses for the Identification of Pharmacophore Sites		2022		
182	Dr. Sajjad Ahmad	Asst. Prof.	Pan-Genome Analysis of Oral Bacterial Pathogens to Predict a Potential Novel Multi-Epitopes Vaccine Candidate	International Journal of Environmental Research and Public Health	July 2022	4.614	7 <sup>th</sup>
183	Dr. Sajjad Ahmad	Asst. Prof.	Insight into the Crystal Structures and Potential of Two Newly Synthesized Naproxen-Based Hydrazone Derivatives as Potent COX-2 Inhibitors	Applied Biochemistry and Biotechnology	December 2022	3.094	6 <sup>th</sup>
184	Dr. Sajjad Ahmad	Asst. Prof.	Ameliorative effect of two structurally divergent hydrazone derivatives against DSS-induced colitis by targeting Nrf2 and NF- $\kappa$ B signaling in mice	Naunyn-Schmiedeberg's Archives of Pharmacology	October 2022	3.195	4 <sup>th</sup>
185	Dr. Sajjad Ahmad	Asst. Prof.	Novel Chimeric Vaccine Candidate Development against <i>Leptotrichia buccalis</i>	International Journal of Environment Research and Public Health	August 2022	4.614	9 <sup>th</sup>
186	Dr. Sajjad Ahmad	Asst. Prof.	Computational Aided Multi-Epitopes Vaccine Design against <i>Enterobacter Xiangfangensis</i>	International Journal of Environment Research and Public Health	June 2022	4.614	9 <sup>th</sup>
187	Dr. Sajjad Ahmad	Asst. Prof.	Deciphering the Dynamics of Cathepsin D as a Potential Drug Target to Enhance Anticancer Drug-induced Apoptosis	Journal of Molecular Liquids	September 2022	6.633	4 <sup>th</sup>
188	Dr. Sajjad Ahmad	Asst. Prof.	Growth, single crystal investigations, Hirshfeld surface analysis, DFT studies, molecular dynamics simulations, molecular docking, physico-chemical characterization and biological activity of novel thiocyanic complex with zinc transition metal precursor	Polyhedron	August 2022	2.975	5 <sup>th</sup>
189	Dr. Sajjad Ahmad	Asst. Prof.	Structural Elucidation of Rift Valley Fever Virus L Protein towards the	Pharmaceuticals	May 2022	5.215	5 <sup>th</sup>

			Discovery of Its Potential Inhibitors				
190	Dr. Sajjad Ahmad	Asst. Prof.	Synthesis, virtual screening and computational approach of a quinoxaline derivative as potent anti-HIV agent targeting the reverse transcriptase enzyme	Journal of Bimolecular Structure and Dynamics	July 2023	5.235	3 <sup>rd</sup>
191	Dr. Sajjad Ahmad	Asst. Prof.	Synthesis, Crystal structure, and a molecular modeling approach to identify effective antiviral hydrazide derivative against the main protease of SARS-CoV-2	Journal of Molecular Structure	October 2022	3.841	4 <sup>th</sup>
192	Dr. Sajjad Ahmad	Asst. Prof.	Designing of a Multi-Epitope Vaccine against Tropheryma Whipplei Using Immunoinformatics and Molecular Dynamics Simulation Techniques	Vaccines	April 2022	4.961	8 <sup>th</sup>
193	Dr. Sajjad Ahmad	Asst. Prof.	In silico approach for potential antimicrobial agents through antiviral, molecular docking, molecular dynamics, pharmacokinetic and bioactivity predictions of galactopyranoside derivatives	Arab Journal of Basic and Applied Sciences	May 2022	0	5 <sup>th</sup>
194	Dr. Sajjad Ahmad	Asst. Prof.	Designing of a Novel Multi-Antigenic Epitope-Based Vaccine against E. hormaechei: An Intergraded Reverse Vaccinology and Immunoinformatics Approach	Vaccines	May 2022	4.961	2 <sup>nd</sup>
195	Dr. Sajjad Ahmad	Asst. Prof.	Designing a multi-epitope vaccine against Chlamydia pneumoniae by integrating the core proteomics, subtractive proteomics and reverse vaccinology-based immunoinformatics approaches	Computers in Biology and Medicine	June 2022	6.698	2 <sup>nd</sup>
196	Dr. Sajjad Ahmad	Asst. Prof.	Synthesis, Crystal structure investigation and Computational approach to discover potential hydrazide derivatives as potent inhibitor of COX-2 enzyme	Journal of Biochemical and Molecular Toxicology	April 2022	3.568	4 <sup>th</sup>
197	Dr. Sajjad Ahmad	Asst. Prof.	Designing of a Recombinant Multi-Epitopes Based Vaccine against Enterococcus mundtii Using Bioinformatics and	International journal of environmental research and public health	March 2022	4.614	8 <sup>th</sup>

			Immunoinformatics Approaches				
198	Dr. Sajjad Ahmad	Asst. Prof.	Whole Proteome-Based Therapeutic Targets Annotation and Designing of Multi-Epitope-Based Vaccines against the Gram-Negative XDR-Alcaligenes faecalis Bacterium	Vaccines	March 2022	4.961	8 <sup>th</sup>
199	Dr. Sajjad Ahmad	Asst. Prof.	Complexes of 1-(2-R (F, CH <sub>3</sub> , Cl)-phenyl)-1, 4-dihydro-5H-tetrazole-5-thiones with cadmium chloride: Synthesis, molecular, crystal structures and computational investigation	Journal of Inorganic Biochemistry	June 2022	4.336	5 <sup>th</sup>
200	Dr. Sajjad Ahmad	Asst. Prof.	Design of a Multi-Epitopes Vaccine against Hantaviruses: An Immunoinformatics and Molecular Modelling Approach	Vaccines	February 2022	4.961	4 <sup>th</sup>
201	Dr. Sajjad Ahmad	Asst. Prof.	Sterically hindered mononuclear and binuclear Cu(I) complexes: synthesis, characterization and antimicrobial evaluation	Journal of Molecular Structure	June 2022	3.841	4 <sup>th</sup>
202	Dr. Sajjad Ahmad	Asst. Prof.	Computational binding analysis of ethyl 3,3,5,5-tetracyano-2-hydroxy-2-methyl-4,6-diphenylcyclohexane-1-carboxylate in calf thymus DNA	Applied Biochemistry and Biotechnology	February 2022	3.094	3 <sup>rd</sup>
203	Dr. Sajjad Ahmad	Asst. Prof.	Computational modelling of potentially emerging SARS-CoV-2 spike protein RBDs mutations with higher binding affinity towards ACE2: A structural modelling study	Computers in Biology and Medicine	February 2022	6.698	2 <sup>nd</sup>
204	Dr. Sajjad Ahmad	Asst. Prof.	Designing of a multi-epitopes-based peptide vaccine against rift valley fever virus and its validation through integrated computational approaches	Computers in Biology and Medicine	February 2022	6.698	2 <sup>nd</sup>
205	Dr. Sajjad Ahmad	Asst. Prof.	Sulfonylbis(acylhydrazones) as anticholinesterase inhibitors: Synthesis, in vitro biological evaluation and computational studies	Journal of Molecular Structure	March 2022	3.841	3 <sup>rd</sup>
206	Dr. Sajjad Ahmad	Asst. Prof.	PSRR: A Web Server for Predicting the Regulation of miRNAs Expression by Small Molecules	Frontiers in Molecular Biosciences	March 2022	6.113	7 <sup>th</sup>

207	Dr. Sajjad Ahmad	Asst. Prof.	Discovery of Potential Antiviral Compounds against Hendra Virus by Targeting Its Receptor-Binding Protein (G) Using Computational Approaches	Molecules	January 2022	4.927	5 <sup>th</sup>
208	Dr. Sajjad Ahmad	Asst. Prof.	An in-silico study to Unveil Potential Drugs and Vaccine Chimera for HBV Capsid Assembly Protein: Combined Molecular Docking and Dynamics Simulation approach	Journal of Molecular Modeling	February 2022	2.172	3 <sup>rd</sup>
209	Dr. Sajjad Ahmad	Asst. Prof.	Computational design of a multi-epitope vaccine against Porphyromonas gingivalis	Frontiers in Immunology	February 2022	8.786	2 <sup>nd</sup>
210	Dr. Sajjad Ahmad	Asst. Prof.	Molecular docking Study and molecular dynamics simulation of Ethyl 3,5-diphenyl- 1H-pyrrole-2-carboxylate and (Z)-ethyl 2-(3-oxo-1,3-diphenylprop-1-enylamino)acetate	Journal of Biochemical and Molecular Toxicology	February 2022	3.568	4 <sup>th</sup>
211	Dr. Sajjad Ahmad	Asst. Prof.	Comprehensive In vivo and In silico Approaches to Explore the Hepatoprotective Activity of Poncirin Against the Paracetamol Toxicity	Naunyn-Schmiedeberg's Archives of Pharmacology	January 2022	3.195	4 <sup>th</sup>
212	Dr. Sajjad Ahmad	Asst. Prof.	Selected Thiadiazine-Thione Derivatives Attenuate Neuroinflammation in Chronic Constriction Injury Induced Neuropathy	Frontiers in Molecular Neurosciences	December 2021	6.261	7 <sup>th</sup>
213	Dr. Sajjad Ahmad	Asst. Prof.	Immunoinformatics and its Role in Vaccine Development	Frontiers in Molecular Pharming	February 2020	Bentham Science Publishers	3 <sup>rd</sup>
214	Dr. Sajjad Ahmad	Asst. Prof.	Annotation of Potential Vaccine Targets and Designing Multi-Epitopes Subunit Vaccine against Yersinia Pestis through Reverse Vaccinology and Validation through Agent-Based Modeling Approach	MDPI Vaccines	November 2021	4.961	5 <sup>th</sup>
215	Dr. Sajjad Ahmad	Asst. Prof.	Structural-dynamics and Binding Analysis of RBD from SARS- CoV-2 Variants of Concern (VOCs) and GRP78 Receptor Revealed Basis for Higher Infectivity	MDPI Microorganisms	November 2021	4.926	8 <sup>th</sup>

216	Dr. Sajjad Ahmad	Asst. Prof.	Towards A Novel Multi-Epitopes Chimeric Vaccine for Simulating Strong Immune Responses and Protection against <i>Morganella morganii</i>	International Journal of Environmental Research and Public Health	October 2021	4.614	2 <sup>nd</sup>
217	Dr. Sajjad Ahmad	Asst. Prof.	Novel 3-chloro-6-nitro-1H-indazole Derivatives as promising Antileishmanial candidates: synthesis, biological activity and molecular modeling studies	Journal Of Enzyme Inhibition And Medicinal Chemistry	December 2022	5.756	7 <sup>th</sup>

S. No.	Applicant Author	Designation	Title of Publication	Journal Name	Publication Date	Impact factor (JCR 2020 & 2021)	Author position
218	Dr. Muhammad Salman	Associate Professor	Dengue outbreak 2018 in district shangla KPK; clinical features and laboratory markers of Dengue virus infection	Future Virology	October 2020	0.952	3 <sup>rd</sup>
219	Dr. Komal Aman	Assistant Professor	In vitro biomedical and photocatalytic application of bio-inspired Zingiber officinale mediated silver nanoparticles	Journal of Biomedical Nanotechnology	April 2020	4.438	9 <sup>th</sup>
220	Dr. Saif Ullah Khan	Assistant Professor	Carveol a naturally-derived potent emerging Nrf2 activator protects against acetaminophen-induced hepatotoxicity	Frontiers in Pharmacology	January 2021	4.225	11 <sup>th</sup>
221	Dr. Sajjad Ahmed	Assistant Professor	SARS-CoV-2: An update on genomics, risk assessment, potential therapies and vaccine development	International Journal of Environmental Research and Public Health	February 2021	2.849	1 <sup>st</sup>
222	Dr. Sajjad Ahmed	Assistant Professor	Structure-based virtual screening identifies multiple stable binding sites at the RecA domains of SARS-CoV-2 Helicase enzyme	Molecules	March 2021	3.267	1 <sup>st</sup>

**Department of Pharmacy**

S. No.	Applicant Author	Designation	Title of Publication	Journal Name	Publication Date	Impact factor (JCR 2020 & 2021)	Author position
1	Dr. Fazle Rabbi	Assistant Professor	Synthesis, Characterization, and Antibacterial Assessment (Synergism) of Silver Nanoparticles Prepared with Stem Bark Extract of <i>Sterculia diversifolia</i>	Crystals	March 2023	2.7	1 <sup>st</sup>
2	Dr. Fazle Rabbi	Assistant Professor	Larvicidal, leishmanicidal, insecticidal and anthelmintic effects of <i>Sterculia diversifolia</i> stem bark and leaf	Bangladesh Journal of Pharmacology	March 2020	1.6	1 <sup>st</sup>
3	Dr. Fazle Rabbi	Assistant Professor	Bioassay-guided isolation, identification of compounds from <i>Sterculia diversifolia</i> and investigation of their anti-glycation and antioxidant activities	Pharmaceutical Chemistry Journal	March 2020	0.9	1 <sup>st</sup>
4	Dr. Fazle Rabbi	Assistant Professor	Chemical constituent with cytotoxicity from <i>Sterculia Diversifolia</i>	Journal of Asian Natural Products Research	July 2020	1.7	1 <sup>st</sup>
5	Dr. Fazle Rabbi	Assistant Professor	Evaluation of <i>In-vivo</i> Biological Activities of <i>Sterculia diversifolia</i> (G. Don) in relevance to the isolated secondary metabolites	The Journal of Animal and Plant sciences	August 2020	0.7	1 <sup>st</sup>
6	Dr. Fazle Rabbi	Assistant Professor	GCMS analysis, metal analysis and antimicrobial activities of <i>Sterculia diversifolia</i>	Pharmaceutical Chemistry Journal	November 2020	0.9	1 <sup>st</sup>
7	Dr. Fazle Rabbi	Assistant Professor	In vivo Laxative, Anti-diarrheal, hepatoprotective & diuretic investigations of <i>Sterculia diversifolia</i> and its isolated compounds	Journal of traditional Chinese medicine	October 2021	2.6	1 <sup>st</sup>

8	Dr. Fazle Rabbi	Assistant Professor	Detailed approach toward the anti-hyperglycemic potential of <i>Sterculia diversifolia</i> G. Don against alloxan-induced <i>in vivo</i> hyperglycemia model	Journal of traditional Chinese medicine	June 2021	2.6	1 <sup>st</sup>
9	Dr. Fazle Rabbi	Assistant Professor	Assessment of phytotoxic, genotoxic and enzyme inhibition potential of <i>Sterculia diversifolia</i>	Journal of traditional Chinese medicine	July 2022	2.6	1 <sup>st</sup>
10	Dr. Fazle Rabbi	Assistant Professor	Two new Coumarins Isolation with Immunomodulatory and Anti-Cancer potential from <i>Sterculia colorata</i>	Chemistry of Natural Compounds	June 2023	0.8	1 <sup>st</sup>
11	Dr. Fazle Rabbi	Assistant Professor	<i>In vivo</i> Investigation of Analgesic, Antipyretic and Anthelmintic activities of various extracts of <i>Fernandoa adenophylla</i>	Pharmaceutical Chemistry Journal	December 2021	0.9	3 <sup>rd</sup>
12	Dr. Fazle Rabbi	Assistant Professor	Evaluation of compatibility of Moxifloxacin with selected excipients used in the formulation of Nanopharmaceuticals	Pharmaceutical Chemistry Journal	February 2022	0.9	6 <sup>th</sup>
13	Dr. Fazle Rabbi	Assistant Professor	<i>In-vitro</i> and <i>in-vivo</i> pharmacological screening of <i>Iris albicans</i>	Journal of traditional Chinese medicine	January 2022	2.6	3 <sup>rd</sup>
14	Dr. Fazle Rabbi	Assistant Professor	<i>In-vitro</i> and <i>in-vivo</i> evaluation of Carbamazepine Sustained Release Tablets	Transylvanian Review	December 2021	0.3	4 <sup>th</sup>
15	Dr. Fazle Rabbi	Assistant Professor	<i>In-vitro</i> antimicrobial, antioxidant and enzyme inhibitory activities of fixed oil extracted from stem bark of <i>Tamarix aphylla</i>	Pharmaceutical Chemistry Journal	October 2022	0.9	3 <sup>rd</sup>
16	Dr. Fazle Rabbi	Assistant Professor	Does COVID-19 Take a Breath? The Chinese Current Situation	Reprints	April 2021	N.A	11 <sup>th</sup>
17	Dr. Fazle Rabbi	Assistant Professor	Biosynthesis, Characterization and Antimicrobial Response of Silver Nanoparticles Using an aqueous Extract of <i>Taraxacum officinale</i>	Pharmaceutical Chemistry Journal	July 2023	0.9	1 <sup>st</sup>

18	Dr. Fazle Rabbi	Assistant Professor	Nanotherapeutic Strategies and New Pharmaceuticals (Volume II). Nano-therapeutics of flavonoids-loaded polymeric drug delivery systems	Bentham Science	December 2021	N.A	1 <sup>st</sup>
19	Dr. Fazle Rabbi	Assistant Professor	Herbal bioactives. Herbal bioactive based nano drug delivery systems	Elsevier	March 2022	N.A	2 <sup>nd</sup>
20	Dr. Fazle Rabbi	Asst. Prof	Nano-therapeutics of flavonoids-loaded polymeric drug delivery system (Book Chapter)	Bentham Science	May 2017	NA	1 <sup>st</sup>
21	Dr. Fazle Rabbi	Asst. Prof	Herbal bioactive based nanodrug delivery system (Book Chapter)	Elsevier	March 2022	NA	2 <sup>nd</sup>
22	Dr. Muhammad Usman Amin	Associate Prof	Pharmacotherapy assessment by WHO core prescribing pattern in a teaching hospital in the capital city, Islamabad, Pakistan	Latin American Journal of Pharmacy	May 2021	0.24	2 <sup>nd</sup>
23	Dr. Muhammad Usman Amin	Associate Prof	Attenuation of Spatial Memory in 5xFAD Mice by Halting Cholinesterases, Oxidative Stress and Neuroinflammation Using a Cyclopentanone Derivative	Pharmaceuticals	October 2020	4.286	6 <sup>th</sup>
24	Dr. Muhammad Khurram	Professor	A novel gabapentin analogue assuages neuropathic pain response in chronic sciatic nerve constriction model in rats	Behavioural Brain Research	February 2021	2.977	9 <sup>th</sup>
25	Dr. Muhammad Khurram	Professor	A Saudi Arabian Public Health Perspective of Tuberculosis	MDPI IJERPH	September 2021	3.39	2 <sup>nd</sup>
26	Dr. Rooh Ullah	Professor	Formulation development and evaluation of carbamezipine sustained release matrix tablets using natural gums	Latin American journal of Pharmacy	January 2021	0.249	1 <sup>st</sup>
27	Dr. Rooh Ullah	Professor	Gelatin-PAA hybrid nanoparticles for sustained release drug delivery against conjunctivitis causing pathogens	Latin American journal of Pharmacy	June 2020	0.249	7 <sup>th</sup>

28	Dr. Roohullah	Professor	In-Vitro, Ex-Vivo and In-Vitro Evaluation of Nanoparticles based Topical Formulation against Candida albicans Infection.,	Frontiers in Pharmacology	July 2022	5.988	4 <sup>th</sup>
29	Dr. Roohullah	Professor	Preparation and characterization of hydrophilic polymers based sustained release matrix tablets of a high dose hydrophobic drug.	Polymers	2022	4.967	3 <sup>rd</sup>
30	Dr. Roohullah	Professor	<i>In-vitro</i> and <i>in-vivo</i> pharmacological screening of <i>Iris albicans</i> .	Journal of Traditional Chinese Medicine	2022	2.547	2 <sup>nd</sup>
31	Dr. Roohullah	Professor	<i>In- Vitro and In Vivo</i> Evaluation of Carbamazepine Sustained Release Tablets.	Transylvanian review	2021	0.155	1 <sup>st</sup>
32	Dr. Roohullah	Professor	Gelatin-PAA Hybrid Nanoparticles for Sustained Release Drug Delivery against Conjunctivitis Causing Pathogen.	Latin American journal of Pharmacy	2020	0.249	7 <sup>th</sup>
33	Dr. Roohullah	Professor	Preparation of <i>Monotheca buxifolia</i> Leaves Mediated Silver Nanoparticles and Study of Their Biological Activities.	Surface Engineering and Applied Electrochemistry	2020	0.243	2 <sup>nd</sup>
34	Sabi ur Rahman	Lecturer	COVID-19 challenges and its therapeutics	Biomedicine and Pharmacotherapy	August 2021	6.529	1 <sup>st</sup>
35	Dr. Shafi Ullah	Asst. Prof	Norfloxacin Loaded Lipid Polymer Hybrid Nanoparticles for Oral Administration: Fabrication, Characterization, In Silico Modelling and Toxicity Evaluation	Pharmaceutics	October 2021	6.321	6 <sup>th</sup>
36	Dr. Shafi Ullah	Asst. Prof	Prospect of Anterior Gradient 2 homodimer inhibition via repurposing FDA-approved drugs using structure-based virtual screening	Molecular diversity	June 2021	2.943	2 <sup>nd</sup>

37	Dr. Shafi Ullah	Asst. Prof	Naturally Occurring HMGB1 Inhibitor, Glycyrrhizin, Modulates Chronic Seizures-Induced Memory Dysfunction in Zebrafish Model	ACS Chemical Neuroscience	August 2021	4.418	2 <sup>nd</sup>
38	Dr. Shafi Ullah	Assistat Professr	Isolation, Structure Elucidation and in Silico Prediction of Potential Drug-Like Flavonoids from <i>Onosma chitralicum</i> Targeted towards Functionally Important Proteins of Drug-Resistant Bad Bugs.	Molecules	April 2021	3.267	2 <sup>nd</sup>
39	Dr. Shafi Ullah	Associate Professr	Counteracting the Ramifications of UVB Irradiation and Photoaging with <i>Swietenia macrophylla</i> King Seed.	Molecules	April 2021	3.267	5 <sup>th</sup>
40	Dr. Shafi Ullah	Asst. Prof	Small organic molecules accelerate the expansion of regulatory T cells	Bioorganic Chemistry	April 2021	4.831	8 <sup>th</sup>
41	Dr. Shaheed Ur Rahman	Associate Professor	Promising lead compounds in the development of potential clinical drug candidates for drug-resistant tuberculosis	Molecules	December 2020	3.267	2 <sup>nd</sup>
42	Dr. Shaheed Ur Rahman	Associate Professor	Promising lead compounds in the development of potential clinical drug candidates for drug-resistant tuberculosis	Molecules	December 2020	3.267	2 <sup>nd</sup>
43	Imad Ahmad	Lecturer	An Overview on the Anticancer Potential of Punarnavine: Prediction of Drug-Like Properties	Oncologie	September 2021	0.333	1 <sup>st</sup>
44	Imad Ahmad	Lecturer	Nanoscale delivery of phytochemicals targeting CRISPR/Cas9 for cancer therapy	Phytomedicine	October 2021	5.34	3 <sup>rd</sup>
45	Dr. Attiq Naz	Associate prof	GC-MS Analysis of Fatty Acid Esters in Fixed Oil, Isolated from <i>Thymus linearis</i> and Evaluation of their Antibacterial Activity	Latin American journal of Pharmacy	May 2020	0.249	1 <sup>st</sup>

46	Dr. Attiq Naz	Associate Professor	Nephroprotective effect of the hydromethanolic extract and fractions of <i>Viola serpens</i> Wall. Histological and hematological evidence:	Cellular and Molecular Biology	September 2022	1.6	3 <sup>rd</sup>
47	Dr. Attiq Naz	Associate Professor	Efficacy of cryotherapy for the treatment of cutaneous leishmaniasis	Rawal Medical Journal	April 2022	0.14	6 <sup>th</sup>
48	Dr. Attiq Naz	Associate Professor	In-vitro and in-vivo pharmacological screening of <i>Iris albicans</i>	Journal of Traditional Chinese Medicine	February 2022	2.6	4 <sup>th</sup>
49	Dr. Attiq Naz	Associate Professor	Evaluation of the effect of carrier material on modification of release characteristics of poor water soluble drug from liquisolid compacts	PLOS ONE	August 2021	3.7	7 <sup>th</sup>
50	Dr. Attiq Naz	Associate Professor	Zoonotic and non-zoonotic helminths in black rats of rain-fed and irrigated areas of Swat, Khyber Pakhtunkhwa, Pakistan	Saudi Journal of Biological Sciences	April 2021	4.4	9 <sup>th</sup>
51	Dr. Attiq Naz	Associate Professor	The hematological and histological studies for the hepatoprotective-like effect of the hydromethanolic extract and the fractions of <i>Viola serpens</i> Wall	Cellular and Molecular Biology	January 2021	1.6	8 <sup>th</sup>
52	Dr. Attiq Naz	Associate Professor	Smart nanocrystal of indomethacin: Nanonization and characterization through top down method of media milling	Pakistan Journal of Pharmaceutical Sciences	March 2020	0.8	4 <sup>th</sup>
53	Dr. Attiq Naz	Associate Professor	Evaluation of Emesis Control with Orally Disintegrating Tablets and Conventional Tablets of Domperidone: a Randomized Trial	Latin American Journal of Pharmacy	January 2020	0.2	5 <sup>th</sup>
54	Dr. Attiq Naz	Associate Professor	Enhanced dissolution rate of Ketoprofen by fabricating into smart nanocrystals	Pakistan Journal of Pharmaceutical Sciences	November 2019	0.8	5 <sup>th</sup>
55	Hafiz Abdur-Rahim	Asst. Prof.,	Association of ATM, CDH1 and TP53 genes polymorphisms with familial breast cancer in patients of Khyber Pakhtunkhwa, Pakistan	African Health Sciences	October 2022	1.108	1 <sup>st</sup>

56	Dr. Ashraf Ullah	Asst. Prof.	Anti-Inflammatory and Anti-Rheumatic Potential of Selective Plant Compounds by Targeting TLR-4/AP-1 Signaling: A Comprehensive Molecular Docking and Simulation Approaches	Molecules	July 2022	4.927	1 <sup>st</sup>
57	Dr. Ashraf Ullah	Asst. Prof.	Ameliorative effect of two structurally divergent hydrazide derivatives against DSS-induced colitis by targeting Nrf2 and NF- $\kappa$ B signaling in mice	Naunyn Schmiedeberg's Archives of Pharmacology	July 2022	3.195	1 <sup>st</sup>
58	Dr. Ashraf Ullah	Asst. Prof.	Potential applications of PEGylated green gold nanoparticles in cyclophosphamide-induced cystitis	Artificial Cells Nanomedicine and Biotechnology	May 2022	6.335	3 <sup>rd</sup>
59	Dr. Ashraf Ullah	Asst. Prof.	Physicochemical Characterizations and Pharmacokinetic Evaluation of Pentazocine Solid Lipid Nanoparticles against Inflammatory Pain Model	Pharmaceutics	February 2022	6.525	7 <sup>th</sup>
60	Dr. Ashraf Ullah	Asst. Prof.	Anti-inflammatory and analgesic potential of leaf extract of <i>Justicia adhatoda</i> L. (Acanthaceae) in Carrageenan and Formalin-induced models by targeting oxidative stress	Biomedicine & Pharmacotherapy	June 2022	7.419	3 <sup>rd</sup>
61	Dr. Ashraf Ullah	Asst. Prof.	Magnolol prevented brain injury through the modulation of Nrf2-dependent oxidative stress and apoptosis in PLP-induced mouse model of multiple sclerosis	Naunyn Schmiedeberg's Archives of Pharmacology	March 2022	3.195	3 <sup>rd</sup>
62	Dr. Ashraf Ullah	Asst. Prof.	Coagulansin-A improves spatial memory in 5xFAD Tg mice by targeting Nrf-2/NF- $\kappa$ B and Bcl-2 pathway	International immunopharmacology	August 2022	5.90	3 <sup>rd</sup>
63	Dr. Ashraf Ullah	Asst. Prof.	Suppression of NF- $\kappa$ B signaling by ECN in an arthritic model of inflammation	BMC Complementary Medicine and Therapies	June 2022	2.838	4 <sup>th</sup>

64	Dr. Ashraf Ullah	Asst. Prof	Anti-nociceptive effects of magnolol via inhibition of TRPV1/P2Y and TLR4/NF- $\kappa$ B signaling in a postoperative pain model	Life Sciences	January 2023	6.78	5 <sup>th</sup>
65	Dr. Ashraf Ullah Khan	Assistant Professor	N-(benzylidene)-2-((2-hydroxynaphthalen-1-yl)diazanyl)benzohydrazides (1-2) (NCHDH and NTHDH) attenuates DMBA-induced breast cancer via Nrf2/NF- $\kappa$ B/apoptosis signaling.	Fundamental and clinical pharmacology	2021	2.87	1 <sup>st</sup>
66	Dr. Ashraf Ullah Khan	Assistant Professor	Withametelin, a novel phytosterol, alleviates neurological symptoms in EAE mouse model of multiple sclerosis via modulation of Nrf2/HO-1 and TLR4/NF- $\kappa$ B signaling.	Neurochemistry international	2022	4.4	3 <sup>rd</sup>
67	Dr. Ashraf Ullah Khan	Assistant Professor	Datura stramonium Leaf extract exhibits Anti-inflammatory Activity in CCL <sub>4</sub> Induced Hepatic Injury Model by Modulating Oxidative Stress Markers and iNOS/Nrf2 Expression.	Biomed research international	2023	3.3	2 <sup>nd</sup>
68	Dr. Ashraf Ullah Khan	Assistant Professor	Withametelin, a steroidal lactone, isolated from datura innoxia attenuates STZ-induced diabetic neuropathic pain in rats through inhibition of NF- $\kappa$ B/MAPK signaling	Food and chemical toxicology	2023	5.572	3 <sup>rd</sup>
69	Dr. Ashraf Ullah Khan	Assistant Professor	Comprehensive In vivo and In silico Approaches to Explore the Hepatoprotective Activity of Poncirin Against the Paracetamol Toxicity	Naunyn-Schmiedeberg's Archives of Pharmacology	2022	3.4	2 <sup>nd</sup>
70	Dr. Ashraf Ullah Khan	Assistant Professor	Anti-neuropathic pain activity of Ajugarin-I via activation of Nrf2 signaling and inhibition of TRPV1/TRPM8 nociceptors in STZ-induced diabetic neuropathy.	Pharmacological research	2022	10.3	3 <sup>rd</sup>

71	Dr. Ashraf Ullah Khan	Assistant Professor	Potential applications of PEGylated green gold nanoparticles in cyclophosphamide-induced cystitis	Artificial Cells Nanomedicine and Biotechnology	2021	6.3	3 <sup>rd</sup>
72	Majid Khan	Lecturer	Hospitalization due to Comiogenic Diseases in Tertiary Care Hospital	Rehman Journal of Health Sciences (RJHS)	2023	NA	1 <sup>st</sup>
73	Majid Khan	Lecturer	Competency Based Proportionate Curriculum of Clinical Pharmacy of Pakistan	Hamdard Medicus	2021	NA	1 <sup>st</sup>
74	Majid Khan	Lecturer	The critical role of the phytosterols in modulating tumor microenvironment via multiple signaling: A comprehensive molecular approach	Phytotherapy Research	2023	6.3	5 <sup>th</sup>
75	Majid Khan	Lecturer	Vitamin D3 Analogues and Laboratory Tests Interactions: Public Health Awareness Glance	Journal of Pharmacy Practice and Community Medicine (JPPCM)	2023	NA	1 <sup>st</sup>
76	Majid Khan	Lecturer	The Dilemma of Delicate Healthcare Team in Developing Countries and the Role of Pharmacists in Pakistan	Iranian Journal of Public Health	2023	1.479	1 <sup>st</sup>
77	Dr. Abdul Baseer	Professor	Fluconazole-loaded Thermosensitive System: In vitro Release, Pharmacokinetics and Safety Study	Journal of Drug Delivery Science and Technology	November 2021	5.062	2 <sup>nd</sup>
78	Dr. Abdul Baseer	Professor	In vitro and In Vivo Evaluation of Carbamazepine Sustained Release Tablets	Transylvanian Review	October 2021	NA	3 <sup>rd</sup>
79	Dr. Abdul Baseer	Professor	Development, Characterization, and Evaluation of SLN-Loaded Thermoresponsive Hydrogel System of Topotecan as Biological Macromolecule for Colorectal Delivery	BioMed Research International	July 2021	3.411	6 <sup>th</sup>
80	Dr. Abdul Baseer	Professor	Antimicrobial activities of Dalbergia sissoo DC. and Caralluma tuberculata (N.E.Br)	Bioscience Research	August 2021	0.737	7 <sup>th</sup>
81	Dr. Abdul Baseer	Professor	Formulation development and in-vitro evaluation of gastroretentive drug delivery system of loxoprofen	Pakistan Journal of Pharmaceutical	January 2021	0.863	3 <sup>rd</sup>

			sodium: A natural excipients-based approach	Sciences			
82	Dr. Abdul Baseer	Professor	Formulation Development and Evaluation of Carbamazepine Sustained Release Matrix Tablets Using Natural Gums	Latin American Journal of Pharmacy	April 2021	0.240	3 <sup>rd</sup>
83	Dr. Abdul Baseer	Professor	Treatment Outcomes among the Patients with MDR- Tuberculosis in Peoples Medical College Hospital Sindh Pakistan: A Cross sectional and Comparative Study	Latin American Journal of Pharmacy	December 2021	0.240	2 <sup>nd</sup>
84	Dr., Abdul Baseer	Professor	Rectal administration of Celecoxib liquid suppositories with enhanced bioavailability and safety in rats	Current drug delivery	May 2022	2.565	3 <sup>rd</sup>
85	Dr. Abdul Baseer	Professor	Recent Advances in Paclitaxel Nanomedicine for Prostate Cancer Therapy	Materials Advances	December 2021	5.36	6 <sup>th</sup>
86	Dr. Abdul Baseer	Professor	In Vitro, Ex Vivo, and In Vivo Evaluation of Nanoparticle-Based Topical Formulation Against Candida albicans Infection	Frontiers in Pharmacology	July 2022	5.988	5 <sup>th</sup>
87	Dr. Abdul Baseer	Professor	Tannic acid inhibits lipopolysaccharide-induced cognitive impairment in adult mice by targeting multiple pathological features	International Immunopharmacology	July 2022	5.714	3 <sup>rd</sup>
88	Dr. Abdul Baseer	Professor	Studies on antioxidant, anti-diabetic and GC-MS analyses of methanol extract of Aris-tolochia bracteolata root bark	Pakistan Journal of Pharmaceutical Sciences (PJPS)	September 2022	0.863	7 <sup>th</sup>
89	Dr. Abdul Baseer	Professor	Pakistani Public Perception about Non-prescription use of Antibiotics as a Potential Health Hazards	Journal of Xi'an Shiyou University, Natural Science	March 2023	0.38	1 <sup>st</sup>
90	Dr. Abdul Baseer	Professor	Evaluation of Hepatoprotective and Antidote Potential of Orthocetamol: A Novel Alternative Antidote of Paracetamol Toxicity	Journal of Xi'an Shiyou University, Natural Science	March 2023	0.38	6 <sup>th</sup>
91	Dr. Abdul Baseer	Professor	Toxicological Studies of Paracetamol Positional Isomers	Journal of Xi'an Shiyou University, Natural Science	March 2023	0.38	6 <sup>th</sup>

92	Najeeb Ur Rahman	Lecturer	Prescription analysis and cost of antidepressant drugs in major depressive disorder outpatients at the tertiary care hospital of Pakistan: a prospective approach	Expert Review of Pharmacoeconomics & Outcomes Research	2021	2.217	10 <sup>th</sup>
93	Najeeb Ur Rahman	Lecturer	An Overview on the Anticancer Potential of Punarnavine: Prediction of Drug-Like Properties	Oncologie	2021	0.9	6 <sup>th</sup>
94	Dr. Mehrin Sherazi	Associate Professor	Comparative Biodiversity and Antibiotic sensitivity Analysis of Bacterial Pathogens in the Urine of Diabetic and Control Group	Tobacco Regulatory Science	January 2022	2.02	6 <sup>th</sup>
95	Dr. Mehrin Sherazi	Associate Professor	Investigation of <i>Plantago ovata</i> Husk as Pharmaceutical Excipient for Solid Dosage Form (Orodispersible Tablets).	Bio Med Research International	June 2021	3.2	2 <sup>nd</sup>
96	Dr. Mehrin Sherazi	Associate Professor	GC-MS Analysis of Fatty acid Esters in Fixed Oil, Isolated from <i>Thymus linearis</i> and Evaluation of their Antibacterial Activity.	Latin American Journal of Pharmacy (formerly Acta Farmacéutica Bonaerense).	January 2020	0.372	7 <sup>th</sup>
97	Dr. Mehrin Sherazi	Associate Professor	A Novel Approach for Enhancing Dissolution Rate of Poor Water-Soluble Drug (Hydrochlorothiazide)	Latin American Journal of Pharmacy (formerly Acta Farmacéutica Bonaerense)	March 2019	0.372	6 <sup>th</sup>
98	Dr. Mehrin Sherazi	Associate Professor	A Novel Approach for Enhancing Mechanical Strength of Tablets; Formulation Development and Optimization of Process Variables.	Latin American Journal of Pharmacy (formerly Acta Farmacéutica Bonaerense).	January 2019	0.372	7 <sup>th</sup>
99	Dr. Mehrin Sherazi	Associate Professor	Discriminatory Dissolution Testing for Formulation Development of Liquisolid Compacts Containing Poor Water Soluble Drug (Hydrochlorothiazide).	Dissolution Technologies	February 2019	0.528	5 <sup>th</sup>
100	Dawood Kamal	Lecturer	<i>In-Vitro</i> and <i>In-vivo</i> pharmacological screening of iris albicans	Journal of Traditional Chinese Medicine	January 2022	1.063	1 <sup>st</sup>

**Department of Allied Health Science**

S. No.	Applicant Author	Designation	Title of Publication	Journal Name	Publication Date	Impact factor (JCR 2020 & 2021)	Author position
1	Muheebur Rehman	Lecturer	The effects of the spray stretch and sustained pressure techniques for managing trigger points in the upper part of the trapezius muscle	Advances in Rehabilitation	March 2022	0.66	3 <sup>rd</sup>
2	Muhammad Fayaz	Lecturer	Comparative Biodiversity and Antibiotics Sensitivity Analysis of Bacterial Pathogens in the Urine of Diabetic and Control Group	Tobacco Regulatory science	January 2022	2.024	1 <sup>st</sup>

**Department of Education**

S. No.	Applicant Author	Designation	Title of Publication	Journal Name	Publication Date	Impact factor (JCR 2020 & 2021)	Author position
1.	Dr. Farzana Naheed	Assistant Professor	Undergraduate Students And Facebook Use: A Case Study of Universities Of Peshawar	LINGUISTIC A ANTVERPIE NSIA	May 2021	0.813	1 <sup>st</sup>