Rehan Zafar Paracha

Associate Professor

School of Interdisciplinary Engineering & Sciences

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About

Dr. Rehan Zafar Paracha is working as Associate Professor in the School of Interdisciplinary Engineering & Sciences. Dr. Rehan Zafar Paracha has a PhD in Virology And Immunology. Dr. Rehan Zafar Paracha has published 80 research articles & conference papers having a citation count of 1013, carried out 4 projects and filed 8 intellectual property.

Qualifications

PhD in Virology And Immunology NUST, Islamabad , Pakistan	2009 - 2015
MPhil in Pharmaceutical Chemistry Gomal University , Pakistan	2006 - 2008
BS in B.Pharmacy BZU, Multan , Pakistan	2003 - 2006
F.Sc in Premedical FBISE, Islamabad , Pakistan	1996 - 1998
Matric (SSC) in Science Group FBISE, Islamabad , Pakistan	1994 - 1996

Experience

International Projects

Section of Interdisciplinary Engineering & Sciences Associate Professor School of Interdisciplinary Engineering & Sciences Associate Professor School of Interdisciplinary Engineering & Sciences Associate Professor School of Interdisciplinary Engineering & Sciences Associate Professor Research Centre for Modelling & Simulation Assistant Professor Research Marginal institute of Health Sciences, Quald-e-Azam Averue, Quitez-III, Rawaipindi Senior Research Officer Faculty of Pharmacy, Genal University, D.I Khan , D.I.Khan CEIO Wilson's Pharmaceuticals , I-9 Islamabad Production Pharmacist Carys Pharmaceuticals , I-9 Islamabad Awards HEC Best Research Paper Award, 2014-2015 Research Projects National Projects Integrated Design, Fabrication and Optimization of Bioreactors for Biopharmaceutical Applications Funding Agency: NIST Amount: PKR 1,000,000.00 Status: Approved_imposess Transgenic resistant cotton development through virus induced programmed cells death (VIPCD)- A noovel concept (Phase-I) Funding Agency: NIST Amount: PKR 2,380,000.00 Status: Completed Covid-19 and Bore Health: BioMechanical Modeling of Human Bones of Post Covid Syndrom origin Funding Agency: HEC Amount: PKR 2,380,000.00 Status: Completed		
School of Interdisciplinary Engineering & Sciences Associate Professor Research Centre for Modelling & Simulation Associate Professor Research Centre for Modelling & Simulation Associate Professor Research Centre for Modelling & Simulation Assistant Professor NUST, H-12, Islamabad Assistant Professor N	Associate Professor School of Interdisciplinary Engineering & Sciences	2024- Present
Sesocial of Interdisciplinary Engineering & Sciences Associate Professor Research Centre for Modelling & Simulation Associate Professor Research Centre for Modelling & Simulation Assistant Professor Research Centre for Modelling & Simulation Assistant Professor Research Centre for Modelling & Simulation Assistant Professor NUST , H12, Islamabad Nust , H12, Isl	Associate Professor School of Interdisciplinary Engineering & Sciences	2022 - 2022
Research Contro for Modelling & Simulation Associate Professor Research Centre for Modelling & Simulation Assistant Professor Research Professor Shifa Tammer-e-Miller University, H-8 Islamabad Assistant Professor Shifa Tammer-e-Miller University, H-8 Islamabad Assistant Professor Research Officer Faculty of Pharmacy, Comal University, D.I Khan, D.I.Khan CEO Research Officer Faculty of Pharmacy, Comal University, D.I Khan, D.I.Khan CEO Research Professor Research Paper Award, 2014-	Associate Professor School of Interdisciplinary Engineering & Sciences	2022 - 2022
Research Centre for Modelling & Simulation 2016 - 2020 Research Centre for Modelling & Simulation 2016 - 2020 Research Centre for Modelling & Simulation 2016 - 2020 Research Centre for Modelling & Simulation 2016 - 2020 NUST, H-12, Iolamabad Assistant Professor NUST, H-12, Iolamabad 3.2013 - 2015 Shifa Tameer-e-Millat University, H-8 Islamabad 3.2014 - 2013 Assistant Professor Margalla Institute of Health Sciences, Quald-e-Azam Avenue, Guirez-III, Rawalpindi 3.2016 - 2008 - 2008 3.2017 Pharmace, Gomal University, D.I Khan., D.I.Khan 5.2016 Pharmace, Gomal University, D.I Khan., D.I.Khan 6.2008 - 2009 Producion Pharmace, Jel Islamabad 7.2008 - 2009 Producion Pharmace, Jel Islamabad 7.2009 - 2009 Producion, Jel Isla	Associate Professor Research Centre for Modelling & Simulation	2021 - 2022
Research Centre for Modelling & Simulation 2016 - 2020 NUST, H-12, Islamabad Assistant Professor Shifa Tameer-e-Millat University, H-8 Islamabad Assistant Professor Senior Research Officer Faculty of Pharmacy, Gomal University, D.I Khan. D.I.Khan CEC Wilson's Pharmaceuticals, I-9 Islamabad Production Pharmaceuticals, I-9 Islamabad Awards HEC Best Research Paper HEC Best Research Paper HEC Best Research Paper HEC Best Research Projects National Projects Integrated Design, Fabrication and Optimization of Bioreactors for Biopharmaceutical Applications Funding Agency: NUST Amount: PKR 1,000,000.00 Status: Approved_improcess Transgenic resistant cotton development through virus induced programmed cells death (VIPCD)- A novel concept (Phase-I) Funding Agency: NUST Amount: PKR 2,1806,000.00 Status: Completed Covid-19 and Bone Health: BioMechanical Modeling of Human Bones of Post Covid Syndrom origin Funding Agency: HEC Amount: PKR 1,350,000.00 Status: Completed Structural evaluation of Protein and screening of novel inhibitors for Ribosomal S6 Kinase Funding Agency: HEC Amount: PKR 1,550,000.00 Status: Completed Structural evaluation of Protein and screening of novel inhibitors for Ribosomal S6 Kinase Funding Agency: HEC Amount: PKR 2,600,000.00	Associate Professor Research Centre for Modelling & Simulation	2020 - 2020
NUST, H-12, Islamabad Assistant Professor Shift Tameer e-Millat University, H-8 Islamabad Assistant Professor Margalla Institute of Health Sciences , Quaid-e-Azam Avenue, Gulrez-III, Rawalpindi Senior Research Officer Faculty of Pharmacy, Gomal University, D.I Khan , D.I.Khan CEC Wilson's Pharmaceuticals , I-9 Islamabad Production Pharmaceuticals , I-9 Islamabad Awards HEC Best Research Paper Award, 2014-2015 Research Projects National Projects Integrated Design , Fabrication and Optimization of Bioreactors for Biopharmaceutical Applications Funding Agency: NUST Amount: PKR 1,000,000,00 Status: Approved_Improcess Transgenic resistant cotton development through virus induced programmed cells death (VIPCD)- A movel concept (Phase-I) Funding Agency: NUST Amount: PKR 1,000,000,00 Status: Completed Covid-19 and Bone Health: BioMechanical Modeling of Human Bones of Post Covid Syndrom origin Funding Agency: HEC Amount: PKR 7,395,000,00 Status: Completed Structural evaluation of Protein and screening of novel inhibitors for Ribosomal Sk Kinase Funding Agency: HEC Funding Agency: HEC Amount: PKR 1,800,000,00		2016 - 2020
Assistant Professor 2010 - 2013 Assistant Professor 2008 - 2008 Benior Research Officer 2008 - 2008 - 2008 Faculty of Pharmacy, Gomal University, D.I Khan., D.I.Khan CEO Wilson's Pharmaceuticals , 1-9 Islamabad Production Pharmacist 2003 - 2004 Gray's Pharmaceuticals , 1-9 Islamabad Awards HEC Best Research Paper HEC Best Research Paper HEC Best Research Paper Award, 2014-2015 Research Projects National Projects Integrated Design, Fabrication and Optimization of Bioreactors for Biopharmaceutical Applications 2024 Funding Agency: NUST Amount: PKR 1,000,000.00 Status: Completed Covici 9 and Bone Health: BioMechanical Modeling of Human Bones of Post Covid Syndrom origin 4 pruding Agency: HEC Amount: PKR 7,350,000.00 Status: Completed Structural evaluation of Protein and screening of novel inhibitors for Ribosomal S6 Kinase 2016 Funding Agency: HEC Amount: PKR 7,350,000.00 Status: Completed Structural evaluation of Protein and screening of novel inhibitors for Ribosomal S6 Kinase 2016 Funding Agency: HEC Amount: PKR 7,350,000.00 Status: Completed		2016 - 2020
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	Amount: PKR 500,000.00	2016

In silico identification and functional annotation of universal stress protein (USP) gene family in 2025 Chenopodium quinoa Hajira Imran Alvina Gul Rehan Zafar Paracha Rabia Amir Faiza Munir Muhammad Faraz Bhatti Scientific Reports, Volume 15, Article Number 18264 Impact Factor: 3.800 | Quartile: 1 DOI: https://doi.org/10.1038/s41598-025-03264-5 2025 Discovering promising drug candidates for Parkinson's disease: integrating miRNA and DEG analysis with molecular dynamics and MMPBSA Bisma Ishtiaq Rehan Zafar Paracha Maryum Nisar Saima Ejaz Zamir Hussain Journal of Computer-Aided Molecular Design, Volume:39, Issue:1, Article Number 8 Impact Factor: 3.000 | Quartile: 2 | Citations: 1 DOI: https://doi.org/10.1007/s10822-025-00586-4 Unravelling the Impact of SARS-CoV-2 on Hemostatic and Complement Systems: A Systems 2025 **Immunology Perspective** Didar Murad Rehan Zafar Paracha Maryum Nisar Frontiers in Immunology, Volume 15, Article Number 1457324 Impact Factor: 5.700 | Quartile: 1 | Citations: 2 DOI: doi: 10.3389/fimmu.2024.1457324 Imidazolium, pyridinium and pyrazinium based ionic liquids with octyl side chains as potential 2024 antibacterial agents against multidrug resistant uropathogenic E. coli Sidrah Hafeez Zamar rasool Awan Samia Hafeez Rehan Zafar Paracha Mudassir Iqbal Dilawar Khan Fazal Adnan Heliyon, Volume 10, Issue 22, Article Number e39829 Impact Factor: 3.400 | Quartile: 1 | Citations: 2 DOI: 10.1016/j.heliyon.2024.e39829 Evaluation of Inhibitory mechanism of Pennisetum glaucum (Pearl Millet) Bioactive Compounds for 2024 Rheumatoid Arthritis: An In Vitro and Computational Approach MARIA SHARIF Peter John Attya Bhatti Rehan Zafar Paracha Abid Majeed Frontiers in Pharmacology, Volume 15, Article Number 1488790 Impact Factor: 4.4 | Quartile: 1 | Citations: 3 DOI: 10.3389/fphar.2024.1488790 Removal of four antibiotics from the aqueous phase using Polyethylene adsorbent: Mechanistic 2024 understanding and reusability potential Rabeea Zafar Rehan Zafar Paracha Abdulwahed Fahad Alrefaei Mohammed Fahad Albeshr Muhammad Yousuf Jat Baloch Jean Kallerhoff Muhammad Environmental Technology and Innovation, Volume 36, Article Number 103831 Impact Factor: 6.700 | Quartile: 1 | Citations: 5 DOI: https://doi.org/10.1016/j.eti.2024.103831 Computational Insights into the Inhibitory Mechanism of Type 2 Diabetes Mellitus by Bioactive 2024 Components of Oryza sativa L. indica (Black rice) Kashaf Rasool Attya Bhatti Abid M. Satti Rehan Zafar Paracha Peter John Frontiers in Pharmacology, Volume 15 Impact Factor: 4.400 | Quartile: 1 | Citations: 1 DOI: 10.3389/fphar.2024.1457383 2024 Enhanced accuracy with Segmentation of Colorectal Polyp using NanoNetB, and Conditional Random **Field Test-Time Augmentation** Muhammad Sajjad Hussain Umer Asgher Sajid Nisar Vladimir Socha Arslan Shaukat Jinhui Wang Tian Feng Rehan Zafar Paracha Muhammad Ali Khan Frontiers in Robotics and AI, Volume 11, Article Number 1387491 Impact Factor: 2.900 | Quartile: 2 DOI: https://doi.org/10.3389/frobt.2024.1387491

2024

Impact Factor: N/A | Citations: 6

DOI: https://doi.org/10.3390/biomedinformatics4010007

Sarfaraz K. Niazi Zamara Mariam Rehan Zafar Paracha BioMedInformatics, Volume 4, Issue 1, Pages 98-112

Limitations of Protein Structure Prediction Algorithms in Therapeutic Protein Development

Designing of fragment based inhibitors with improved activity against E. coli AmpC β-lactamase compared to the conventional antibiotics	2024
Sidrah Hafeez Rehan Zafar Paracha Fazal Adnan Saudi Journal of Biological Sciences, Volume 31, Issue 1, Article Number 103884 Impact Factor: 4.400 Quartile: 1 DOI: https://doi.org/10.1016/j.sjbs.2023.103884	
Interaction analysis of TRIM proteins and innate immunity mediators of common carp (Cyprinus carpio	2023
L.) to evaluate its affinity for ubiquitination and innate immune response	
Muhammad Aizaz Maryum Nisar Rehan Zafar Paracha Shijuan Shan Nida Fatima Ali Iqra Arshad Guiwen Yang Aquaculture, Volume 575, Article Number 739706	
Impact Factor: 4.5 Quartile: 1 Citations: 2 DOI: https://doi.org/10.1016/j.aquaculture.2023.739706	
Modelling and analysis of the complement 2 system signalling pathways: Roles of C3, 3 C5a and pro- inflammatory cytokines in 4 SARS-CoV-2 infection	2023
Didar Murad Rehan Zafar Paracha Muhammad Tariq Saeed Jamil Ahmad Ammar Mushtaq Maleeha Humayun	
PeerJ, Vol:11, Articel Number: e15794	
Impact Factor: 2.7 Quartile: 2 Citations: 1 DOI: 10.7717/peerj.15794	
Antibody designing against Illabc junction (JIllabc) of HCV IRES through affinity maturation; RNA-Antibody docking and interaction analysis	2023
Saima Ejaz Rehan Zafar Paracha Sadaf Ejaz Zunera Jamal PLoS ONE , Volume 18, Issue 9, Article Number e0291213	
Impact Factor: 3.7 Quartile: 2 Citations: 2	
DOI: https://doi.org/10.1371/journal.pone.0291213	
Genome-wide analysis of heavy metal ATPases (HMAs) in Poaceae species and their potential role against copper stress in Triticum aestivum	2023
Tuba Sharf Batool Alvina Gul Rehan Zafar Paracha Mahnoor Ilyas Kathryn De Abreu Faiza Munir Rabia Amir Lorraine E. Williams Roohi Aslam	
Scientific Reports , Volume 13, Article Number 7551	
Impact Factor: 4.996 Quartile: 2 Citations: 14 DOI: https://doi.org/10.1038/s41598-023-32023-7	
Genomic Analysis, Evolution and Characterization of E3 Ubiquitin Protein Ligase (TRIM) Gene Family in Common Carp (Cyprinus carpio)	2023
Muhammad Aizaz Yusra Sajid Kiani Maryum Nisar Shijuan Shan Rehan Zafar Paracha Guiwen Yang Genes , Volume 14, Issue 3, Article Number 667	
Impact Factor: 3.5 Quartile: 2 Citations: 5 DOI: https://doi.org/10.3390/genes14030667	
Investigating Isoform Switching in RHBDF2 for its role in Human Neoplastic Growth in Breast Cancer	2022
Mehar Masood Madahiah Bint E Masood Noor Us Subah Maria Shabbir Rehan Zafar Paracha Mehak Rafiq PeerJ, Volume 10, Article Number e14124	
Impact Factor: 2.7 Quartile: 2 Citations: 2	
DOI: 10.7717/peerj.14124	
Genome mining, antimicrobial and plant growth-promoting potentials of halotolerant Bacillus paralicheniformis ES-1 isolated from salt mine	2022
Sajid Iqbal Muhammad Qasim Hazir Rahman Naeem Khan Rehan Zafar Paracha Muhammad Faraz Bhatti Aneela Javed Hussnain Ahmed Janjua Molecular Genetics and Genomics, Pages 1-15	
Impact Factor: 2.980 Quartile: 3 Citations: 21 DOI: https://doi.org/10.1007/s00438-022-01964-5	
System Level Modeling and Analysis of TNF- α mediated Sphingolipid Signaling Pathway in Neurological Disorders for the Prediction of Therapeutic Targets	2022
Sanam Banarus Rehan Zafar Paracha Maryum Nisar Jamil Ahmad Muhammad Tariq Saeed Zartasha Mustansar Malik N Shuja Ayesha Arif	
Frontiers in Physiology, Volume 13	
Impact Factor: 4.755 Quartile: 1 Citations: 9 DOI: doi: 10.3389/fphys.2022.872421	
2-Mercaptobenzimidazole clubbed hydrazone for Alzheimer's therapy: In vitro, kinetic, in silico, and in	2022
vivo potentials	-022
Farida Begum Najeeb Ur Rehman Ajmal Khan Sajid Iqbal Rehan Zafar Paracha Jalal Uddin Ahmed Al-Harrasi Muhammad Arif Lodhi	

Frontiers in Pharmacology, Volume 13, Article Number 946134

Impact Factor: 5.988 | Quartile: 1 | Citations: 5 DOI: https://doi.org/10.3389/fphar.2022.946134

Docking and Molecular Dynamics Study to Identify Novel Phytobiologics from Dracaena trifasciata

2022

against Metabolic Reprogramming in Rheumatoid Arthritis

Attya Bhatti Ahanzay Ahmed Peter John Rehan Zafar Paracha Monica Guma

Life, Volume 12, Issue 8, Article Number 1148

Impact Factor: 3.251 | Quartile: 2 | Citations: 8

DOI: 10.3390/life12081148

Photoperiod and water-deficient conditions differentially regulate structural flavonoid biosynthetic

2022

genes in peanuts

Maryam Khan Saman Taufiq Irum Nauman Norina Noor Tooba Iqbal Hina Ali Rehan Zafar Paracha Faiza Munir Alvina Gul Rabia Amir Journal of Plant Interactions, Volume 17(1), Pages 620-631

Impact Factor: 4.208 | Quartile: 1 | Citations: 1 DOI: https://doi.org/10.1080/17429145.2022.2076940

Cytotoxic Evaluation, Molecular Docking, and 2D-QSAR Studies of Dihydropyrimidinone Derivatives as

2022

Potential Anticancer Agents

Reem Altaf Humaira Nadeem Umair Ilyas Jamshed Iqbal Rehan Zafar Paracha Hajra Zafar Ana Cláudia Paiva-Santos Muhammad Sulaiman Faisal Raza Journal of Oncology, Volume 2022, Article ID 7715689, 25 pages

Impact Factor: 4.501 | Quartile: 2 | Citations: 17 DOI: https://doi.org/10.1155/2022/7715689

Synthesis, structure and acetylcholinesterase inhibition activity of new diarylpyrazoles

2022

Mehwash Zia Shahid Hameed Humaira Nadeem Aamir Ali Kharlc Necmi Dege Rehan Zafar Paracha Iqra Arshad Muhammad Moazzam Naseer

Bioorganic Chemistry, Volume 121, Article Number 105658

Impact Factor: 5.307 | Quartile: 1 | Citations: 3 DOI: https://doi.org/10.1016/j.bioorg.2022.105658

Investigating effect of mutation on structure and function of G6PD enzyme: a comparative molecular

2022

dynamics simulation study

Fouzia Perveen Malik Jamshed Anwar Rehan Zafar Paracha Sadaf Rani

PeerJ, Volume 10, Article Number e12984

Impact Factor: 2.7 | Quartile: 2 | Citations: 7

DOI: https://doi.org/10.7717/peerj.12984

Interaction Analysis of Adenovirus L5 Protein With Pancreatic Cancer Cell Surface Receptor to Analyze

2022

Its Affinity for Oncolytic Virus Therapy

Maryam Nisar Rehan Zafar Paracha Alvina Gul Iqra Arshad Saima Ejaz Deedar Murad Zartasha Mustansar Shahzeb Khan

Frontiers in Oncology, Volume 12, Article Number 832277

Impact Factor: 5.738 | Quartile: 2 | Citations: 5

DOI: 10.3389/fonc.2022.832277

Computational Assessment of Botrytis cinerea Lipase for Biofuel Production

2021

Tehsin Fatma Zeeshan Zafar Sidra Fatima Rehan Zafar Paracha Fazal Adnan Zeshan Nasar Virk Muhammad Faraz Bhatti

Catalysts, Volume 11(11), Article Number 1319
Impact Factor: 4.146 | Quartile: 2 | Citations: 5
DOI: https://doi.org/10.3390/catal11111319

In silico Evaluation of Molecular Virus-Virus Interactions Taking Place Between Cotton leaf curl

2021

Kokhran virus- Burewala strain and Tomato leaf curl New Delhi virus.

Nida Fatima Ali Rehan Zafar Paracha Muhammad Tahir Peer I Volume 9. Article Number e12018

Impact Factor: 3.061 | Quartile: 2 | Citations: 1 DOI: https://doi.org/10.7717/peerj.12018

Long non-coding RNAs and their targets as potential biomarkers in breast cancer

2021

Maryam Khalid Rehan Zafar Paracha Maryum Nisar Sumaira Malik Dr Zamir Hussain Salma Tariq Iqra Arshad Amnah Siddiqa, Jamil Ahmad Amjad Ali IET Systems Biology, Volume 15, Issue 5, Pages 137-147

Impact Factor: 1.615 | Quartile: 4 | Citations: 5 DOI: https://doi.org/10.1049/syb2.12020

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Journal of Molecular Structure, Volume: 1198, Article Number: UNSP 126903

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Designing, synthesis and characterization of 2-aminothiazole-4-carboxylate Schiff bases; antimicrobial 2019 evaluation against multidrug resistant strains and molecular docking Saima Ejaz Humaira Nadeem Rehan Zafar Paracha Sadia Sarwar Sadaf Ejaz BMC Chemistry, Volume: 13, Issue: 1, Article Number: UNSP 115 Impact Factor: 0 **DOI:** https://doi.org/10.1186/s13065-019-0631-6 The Route to 'Chemobrain' - Computational probing of neuronal LTP pathway 2019 Ammad Fahim Muhammad Faraz Bhatti Nasar um Minullah Virk Rehan Zafar Paracha Zaira Rehman Amjad Ali Amir Rashid Nature Scientific Reports, Volume 9, Article Number 9630 Impact Factor: 4.011 | Quartile: 1 | Citations: 7 DOI: 10.1038/s41598-019-45883-9 A systematic simulation-based meta-analytical framework for prediction of physiological biomarkers in 2019 alopecia Rehan Zafar Paracha Syed Aun Muhammad Nighat Fatima Amjad Ali Jake Y. Chen Journal of Biological Research-Thessaloniki, Volume 26, Article Number 2 Impact Factor: 2.364 | Quartile: 2 | Citations: 13 DOI: 10.1186/s40709-019-0094-x MicroRNAs and their target mRNAs as Potential Biomarkers among Smokers and Non-Smokers with 2019 Lung Adenocarcinoma Zamir Hussain Sumaria Malik Rehan Zafar Paracha Maryam Khalid Maryum Nisar Amnah Siddiga Raheel Nawaz Amjad Ali Jamil Ahmad IET Systems Biology, Volume 13, Issue 2, Pages 69-76 Impact Factor: 1.392 | Quartile: 4 | Citations: 2 DOI: 10.1049/iet-syb.2018.5040 Parameter estimation of qualitative biological regulatory networks on high performance computing 2018 hardware Muhammad Tariq Saeed Jamil Ahmad Jan Baumbach Josch Pauling Aamir Shaf Rehan Zafar Paracha Asad Hayat Amjad Ali BMC Systems Biology, Volume 12, Article Number 146 Impact Factor: 2.048 | Quartile: 2 | Citations: 6 DOI: 10.1186/s12918-018-0670-y 2018 Exploring NS3/4A, NS5A and NS5B proteins to design conserved subunit multi-epitope vaccine against HCV utilizing immunoinformatics approaches Aqsa Ikram Tahreem Zaheer Faryal Mehwish Awan Ayesha Obaid Anam Naz Rumeza Hanif Rehan Zafar Paracha Abdul Khaliq Naveed Hussnain Ahmed Janjua Scientific Reports, Volume 8, Article Number 16107 Impact Factor: 4.011 | Quartile: 1 | Citations: 75 DOI: 10.1038/s41598-018-34254-5 Structural insights and characterization of human Npas4 protein 2018 Ammad Fahim Zaira Rehman Muhammad Faraz Bhatti Rehan Zafar Paracha Amjad Ali Nasar Virk Amir Rashid PeerJ. NULL Impact Factor: 2.358 | Quartile: 2 | Citations: 5 DOI: 10.7717/peerj.4978 Synthesis, Anti-inflammatory, Antimicrobial Potential and Molecular Docking Studies of 4,5-2018 Disubstituted-1,2,4-Triazole Thioacetate Derivatives Muhammad Nouman Arif Humaira Nadeem Arifullah Khan Imran Khanzada Fawad Ali Rehan Zafar Paracha Letters in Drug Design & Discovery, Volume 15, Issue 0, Pages 1-11, Year 2018 Impact Factor: 0.953 | Quartile: 4 | Citations: 9 DOI: 10.2174/1570180815666180810122226 Impact of orientation of carbohydrate binding modules family 22 and 6 on the catalytic activity of 2017 Thermotoga maritima xylanase XynB Razia Tajwar Saher Shahid Rehan Zafar Paracha Muhammad Waheed Akhtar Enzyme and Microbial Technology, Volume 106, Pages 75-82 Impact Factor: 2.932 | Quartile: 2 | Citations: 22 DOI: 10.1016/j.enzmictec.2017.07.004

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Editorial Activities

Viruses Reviewed Papers for Journals Impact Factor: 4.7	2023
Immunity, Inflammation and Disease Reviewed Papers for Journals Impact Factor: 3.2	2022
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Reviewed Papers for Journals Impact Factor: 4.418	2021
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Web Scraping, Data Analysis and Dashboard Generation for COVID-19 in R Status: Filed	2021
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