

CURRICULUM VITÆ

1. Name: **DR. MUHAMMAD TARIQ ZAHID**

List of Publications:

Sr. No.	Title of Research Paper	Name of Journal with ISSN, Category / Impact Factor	Volume, Page No. & Year
1.	Integrated phycoremediation and ultrasonic-irradiation treatment (iPUT) for the enhanced removal of pharmaceutical contaminants in wastewater. Kurade, M. B., Mustafa, G., Zahid, M. T. , Awasthi, M. K., Chakankar, M., Pollmann, K., ... & Jeon, B. H.	<i>Chemical Engineering Journal</i> ,	455 :140884. 2023
2.	Biodegradation and Decolorization of Textile Azo Dyes by Paramecium caudatum Isolated from Industrial Wastewater	<i>Water (Switzerland)</i>	14(21) : 3553
3.	Biodegradation and discoloration of disperse blue-284 textile dye by <i>Klebsiella pneumoniae</i> GM-04 bacterial isolate.	<i>Journal of King Saud University-Science</i> ,	33 :101442. 2021
4.	Modulating the production of xylanase by <i>Bacillus pumilus</i> BS131 through optimization using waste fiber sludge.	<i>Brazilian Journal of Biology</i>	83 2021
5.	Characterization of Venom Components of Two Medically Important Scorpion Species, <i>Hottentota tamulus</i> (Fabricius, 1798) and <i>Androctonus finitimus</i> (Pocock, 1897).	<i>Journal of the Kansas Entomological Society</i>	93(3) : 230-245. 2021
6.	Synthesis of sericin-conjugated silver nanoparticles and their potential antimicrobial activity	<i>Journal of Basic Microbiology</i>	60(5) :458-467 2020
7.	Dose and duration-dependent toxicological evaluation of lead acetate in chicks	<i>Environmental Science and Pollution Research</i>	27(13) :15149-15164 2020
8.	Antimicrobial and antioxidant analysis of <i>Strobilanthes glutinous</i> : an unexplored medicinal plant https://www.isisn.org/BR-17-4-2020.htm	<i>Bioscience Research</i>	17(2) :1521-1534 2020

9.	Investigation of <i>Salsola imbricata</i> extracts against human pathogenic bacteria and fungi and in vitro antioxidant activities. https://www.isisn.org/BR-17-4-2020.htm	<i>Bioscience Research</i>	17(2): 2716-2729.
10.	Nature and applications of scorpion venom: an overview.	<i>Toxin Reviews</i>	39(3): 214-225 2020
11.	Antimicrobial and Antioxidant Screening of <i>Flueggea Virosa</i> . https://www.isisn.org/BR-17-4-2020.htm	<i>Bioscience Research</i>	17(4): 2791-2798. 2020
12.	Assessment of in vitro anthelmintic activity of crude extracts of <i>Dysphania ambrosioides</i> against <i>Haemonchus contortus</i> a sheep pathogenic parasite https://www.isisn.org/BR-17-4-2020.htm	<i>Bioscience Research</i>	17(4): 2760-2769 2020
13.	Effect of Honey (<i>Apis dorsata</i> [Hymenoptera: Apidae]) on Larval Growth and Silk Cocoon Yield of <i>Bombyx mori</i> (Lepidoptera: Bombycidae)	<i>Journal of Insect Science</i>	19(6): 1–5 2019
14.	First record of <i>Polistes wattii</i> Cameron, 1900 (hymenoptera: vespidae) from district Bhimber, Azad Kashmir.	<i>Pakistan Entamologist</i>	41(2): 57-61 2019
15.	Growth Characteristics, Metal Uptake and Expression Analysis of Copper Metallothionein in a Newly Reported Ciliate, <i>Tetrahymena farahensis</i> .	<i>Pakistan Journal of Zoology</i>	50(3): 171-1181 2018
16.	Effect of Milking Method, Diet, and Temperature on Venom Production in Scorpions	<i>Journal of Insect Science</i>	18(4): 1–7 2018
17.	Molecular characterization of a copper metallothionein gene from a ciliate <i>Tetrahymena farahensis</i>	<i>Journal of Cellular Biochemistry</i>	117: 1843-1854 2016
18.	Molecular identification and characterization of heavy metal resistant bacteria and their role in bioremediation of chromium.	<i>British Microbiology Research Journal</i>	13:6 2016
19.	A New Ciliate Species, <i>Tetrahymena farahensis</i> , Isolated from the Industrial Wastewater and Its Phylogenetic Relationship with Other Members of the Genus <i>Tetrahymena</i>	<i>Pakistan Journal of Zoology</i>	46(5): 1433- 1445 2014
20.	Isolation and characterization of arsenic resistant bacteria from wastewater.	<i>Brazilian Journal of Microbiology</i>	45(4): 1309-1315. 2014
21.	Optimization of Fermentation Media for the Enhanced Amino Acids Production by Bacteria Isolated from Natural Sources.	<i>Pakistan Journal of Zoology</i>	44(4): 1145-1157. 2012

22.	Cloning and Expression of cry11B Gene from a Local Isolate of <i>Bacillus thuringiensis</i> and its Mosquitocidal Activity,	<i>Pakistan Journal of Zoology</i>	43(4): 701-713. 2011

Book Chapters Published

Sr. No.	Title	Publisher	Date
1.	Sustainable bioremediation of textile wastewater using bacterial treatment approach. In: Advances in eco-friendly and sustainable technologies for the treatment of textile wastewater.	Elsevier	2022
2.	Bacterial Extracellular Polymeric Substances for Degradation of Textile Dyes. In: Khadir, A., Muthu, S.S. (Eds.), In <i>Polymer Technology in Dye-containing Wastewater</i> (pp. 175-191).	Springer, Singapore	2022
3.	Induced Cytological Aberrations through Mutagenesis: A Review. In T. A. Bhat (Ed.), <i>Mutagenesis, cytotoxicity and crop improvement: revolutionizing food science</i> (pp. 115- 158)	Cambridge Scholars Publishing	2021
4.	Exploration, Applicability and Conclusions of Induced Mutagenesis on Broad Bean. In T. A. Bhat (Ed.), <i>Mutagenesis, cytotoxicity and crop improvement: revolutionizing food science</i> (pp. 265- 285)	Cambridge Scholars Publishing	2021
5.	Induced Mutagenesis. In T. A. Bhat (Ed.), <i>Mutagenesis and Cytotoxicity: A review</i> (pp. 11-22)	LAP LAMBERT Academic Publishing	2019
6.	Induced Variability for Quantitative Traits. In T. A. Bhat (Ed.), <i>Mutagenesis and Cytotoxicity: A review</i> (pp. 74-84)	LAP LAMBERT Academic Publishing	2019