19. **LIST OF PUBLICATIONS:**

**A) RESEARCH PAPERS ALREADY PUBLISHED**


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Total IF for 1986-90: 13.83


145. **SHAKOORI, A.R. AND BHATTI, N.G., 1994.** Effect of Trebon (Ethofenprox) on the carbohydrate utilization by adult beetles of an organophosphorous insecticide susceptible (FSS-II) and malathion resistant (PAK) strains of Tribolium castaneum. *Bangladesh J. Zool.,* **22:** 33-41.


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<tr>
<td>172.</td>
<td>SALEEM, M.A., TUFAIL, N. AND SHAKOORI, A.R., 1995. Synergistic effect of synthetic pyrethroids on the toxicity of <em>Bacillus thuringiensis</em> as shown by the biochemical changes in the sixth instar larvae of <em>Tribolium castaneum</em>. <em>Pakistan J. Zool.</em>, 27: 317-323.</td>
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Biodata


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<td>271.</td>
<td>HAQ, R. AND SHAKOORI, A.R., 2000. Microorganisms resistant to heavy metals and toxic chemicals as indicators of environmental pollution and their use in bioremediation. <em>Folia biol. (KraKow)</em>, <strong>48</strong>:143-147.</td>
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<td>284.</td>
<td>SALEEM, M.A. AND SHAKOORI, A.R., 2000. Synerfungiotic effects of permethrin and cypermethrin on the toxicity of gamma HCH I. Studies on some…….. <em>Pakistan Enmolol,</em></td>
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<td>285.</td>
<td>SALEEM, M.A. AND SHAKOORI, A.R., 2000. Synerfungiotic effects of permethrin and cypermethrin on the toxicity of gamma HCH II. Studies on some…….. <em>Pakistan Enmolol</em></td>
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Total IF for 2001: 1.344


Total IF for 2002 3.01


Total IF for 2003 2.557


**Total IF for 2004**: 1.650


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<td>392. YOUSAFZAI, A.M. AND SHAKOORI, A.R., 2006. Bioaccumulation of chromium, nickel, lead, copper and zinc in the skin of <em>Tor putitora</em> as an indicator of the presence of heavy metal load in River Kabul, Pakistan. <em>Pakistan J. Zool.</em>, 38: 341-34.</td>
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Total IF for 2010 26.365


Total IF for 2011 so far 6.097

TOTAL IF SO FAR 230.058
B) TECHNICAL REPORTS OF RESEARCH PROJECTS


C) THESES WRITTEN BY ME

1. Anatomy of Caenestheria propinqua (Sars) 1962; M.Sc. degree; supervisor: Prof. Dr. Muhammad Saleem, Department of Zoology, Government College, Lahore).
2. Eine neuartige Methode zur Isolierung von Nucleolen aus tierischen Zellen (1972; Dr. rer. nat. (=Ph.D.) degree; Supervisor: Prof. Dr. Gunther Siebert, Institut für biologische Chemie und Ernährungswissenschaft, Universität Hohenheim, Stuttgart, West Germany).

D) THESES WRITTEN UNDER MY SUPERVISION

3. Fauzia Ashraf: Biochemical and cytological effects of some insecticides on kidney on mouse (M.Sc.; 1974).
4. Abdul Wahed: Biochemical and cytological effects and gamma radiations on chick liver (M.Sc.; 1974).
12. Mohammad Zahid Butt: Inhibition of development of Musca domestica in the presence or thioacetamide-morphological studies. (M.Sc., 1979).
14. Riazul-Haq: Biochemical and haematological changes induced by starvation and refeeding in blood and liver of rabbit (M.Sc.; 1980).
PUBLICATIONS

17. Afzal Rani: Biochemical and histological changes in the regenerating liver after thioacetamide treatment of partially hepatectomized rabbit (M.Sc., 1982).
22. Mohammad Amir Khattak: Covalent binding of thioacetamide with nucleic acids - electrophoretic studies (M.Sc., 1982).
23. Riaz Ahmad: Isolation of Micrococcus luteus mutants resistant to alkylating chemicals (M.Sc., 1982).
24. Mushaq Ahmad: Isolation of Micrococcus luteus mutants sensitive to alkylating chemicals (M.Sc., 1982).
32. Rifat Bashir: Effect of synthetic pyrethroids on the developing chick embryo liver (M.Sc., 1983).
33. Mohammad Fayyaz: Effect of synthetic pyrethroids on the stored grain pests Tribolium castaneum (M.Sc., 1983).
35. Tallat Rana: Possible covalent binding of DNA with thioacetamide (M.Sc., 1984).
40. Mohammad Zahoor Malik: Biochemical effects of cyhalothrin on Tribolium (M.Sc., 1985).
41. Farah Naz: Effects of thioacetamide on the growth of bacteria; isolation of possible mutants (M.Sc., 1985).
42. Faraha Khaggah: Biochemical effects of cadmium on blood serum and liver of Gallus domesticus (M.Sc., 1985).
43. Shabnam Saeed: Biochemical effects of a synthetic pyrethroid on Tribolium larvae (M.Sc., 1985).
44. Ghazala Mahjabeen: Isolation of mutants resistant to alkylating chemicals (M.Sc., 1986).
46. Kokab Raheela: Effect of heavy metals (mercury) on biochemical components of regenerating liver following partial hepatectomy in rabbits (M.Sc., 1986).
47. Ghazala Mahjabeen: Effect of heavy metal (mercury) on the liver function tests during regeneration following partial hepatectomy (M.Sc., 1986).
60. Jabeen Alam: Toxic effects of a pyrethroid bifenthrin of the liver of rabbits: Biochemical and histological studies (M.Sc., 1989).
62. Farah Aziz: Toxicological effects of Talstar (Bifenthrin) on haematological and biochemical composition of blood of rabbit Oryctolagus cuniculus (M.Sc., 1989).
63. Sajida Rehman: Identification, characterization and metal tolerance studies of a locally isolated Rhodotorula strain (M.Sc., 1989).
64. Yasmin Akhtar: Isolation and restriction analysis of Thioacillus ferrooxidans DNA (M.Sc., 1989).
65. Salma Muzaffar: Toxicological effects of bifenthrin on the liver and muscles of chick, Gallus domesticus (M.Sc., 1989).
68. Mushaq A. Saleem: Toxicological studies on synthetic pyrethroids against red flour beetle Tribolium castaneum (Herbst.) (Coleoptera: Tenebrionidae) (Ph. D., 1989).
73. Samira Agha: Toxic effects of a synthetic pyrethroid on Tribolium castaneum larvae. (M.Sc., 1990).
86. Munazza Kaukab: Electrophoretic studies on the total proteins of sporulating and non-sporulating Bacillus thuringiensis. (M.Sc., 1993).
87. Sadia Durran: Toxic effects of a synthetic pyrethroid on the red flour beetle, Tribolium castaneum (M.Sc., 1993).
89. Kokab Malik: Studies on cadmium induced proteins in Bacillus thuringiensis. (M.Sc., 1993).
91. Waseem Tufail: Isolation of characterization of plasmids of antibiotic resistant Bacillus thuringiensis. (M.Sc., 1993).
92. Shazia Rab: Biochemical analysis of pericardial fluid of chicks suffering from hydropericardium syndrome. (M.Sc., 1993).
94. Waseem Tufail: Isolation and characterization of plasmids of antibiotic resistant Bacillus thuringiensis. (M.Sc., 1993).
99. Shabnam Younas: Analysis of esterases during different developmental stages of FSS II, CTC 12 and PAK strain of Tribolium castaneum (M.Sc., 1994).
104. Munazza Makhdoom: Isolation of chromium resistant bacteria and study of their ability to reduce chromium. (M.Sc., 1995).
105. Naheed Iftikhar: Isolation of different species of Bacillus from soil samples and their evaluation as bioinsecticide. (M.Sc., 1995).
115. Salma Afroz: Isolation of different species of bacteria from soil samples and their evaluation as bioinsecticides. (M.Sc., 1996).
120. Asifa Shamim: Isolation and characterization of yeast for their possible use in cleaning toxic hydrocarbons from environment. (M.Sc., 1997).
121. Zil-i-Huma: Isolation and characterization of lead resistant yeast from industrial effluents. (M.Sc., 1997).
122. Saeed Anwar: Isolation of Bacillus species from soil samples and their evaluation as bio-insecticides. (M.Sc., 1997).
123. Asma Choudhary: Isolation and characterization of insecticide degrading bacteria from soil and industrial effluents. (M.Sc., 1997).
124. Firdaus Kazmi: Toxicological and biochemical consequences of exposure of the rat to organophosphate pesticides. (Ph.D., 1998) (in collaboration with Quaid-i-Azam University, Islamabad)
125. Bushra Munir: Isolation and characterization of copper resistant bacteria isolated from the industrial effluents. (M.Sc., 1998).
129. Mamona Ishaq: Toxicity of Fenvlate to different developmental stages of three different strains of Tribolium castaneum. (M.Sc., 1998).
133. Shaista Jabeen: Isolation and characterization of cadmium resistant yeast from industrial wastes. (M.Sc, 1999).
134. Saadia Ismail: Effect of pyrethroid (Alpha cypermethrin) on esterases of larvae and 10 days old adults of three different strains of Tribolium castaneum. (M.Sc, 1999).
135. Sumble Zafigkar: Effect of synthetic pyrethroid (Fury) esterases of adults of six different strains of Rhizopertha dominica. (M.Sc, 1999).
136. Hafsa Nabeel: Histological changes induced by hexavalent chromium on kidneys of albino mice (M.Phil, 2000).
137. Amjad Javed: AML as transcriptional regulator and osteoblast differentiation mediator (Ph.D., 2000).

139. Qaisera Latif: Microbiological assessment of drinking water in campus of Punjab University (M.Sc., 2000).
145. Adeela Tariq Qureshi: Insecticide resistant yeast and it’s role in environmental clean up. (M.Sc., 2001).
149. Shahid Nadeem: Bacterial isolates and their improvements for better amino acid fermentation for glutamine and lysine (Ph.D., 2002).
152. Noreen Shakoor: Metal resistant and metal accumulation efficiency of yeast capable of growing in media containing iron or sulfphur. (M.Sc., 2002).
153. Farhan Saboor: Effect of pH on uptake of heavy metals by lead resistant bacterial isolates and heavy metal precipitation. (M.Sc., 2002).
154. Farhana Saleem: Isolation and characterization of nickel resistant yeast from industrial waste and their role in bioremediation of waste water (M.Phil., 2002)
156. Saba Khalilq: Isolation and characterization of hydrocarbon resistant bacteria (M.Sc., 2003)
159. M. Shehzad: Isolation and characterization of silver resistant bacteria and their role in environmental clean up. (M.Phil., 2003).
160. Naja Khurshid : Studies on the locally isolated strains of Bacillus for their possible use as bioinsecsecticides (Ph.D., 2003)
161. Ishlaq Ahmad : The role of protein modifications by sugars and phosphate in their structure-function behaviour: A computer assisted study in selectins (M.Phil, 2003).
162. Muhammad Mashhood Ahsan: Biochemical and haematological abnormalities in human population exposed to hexavalent chromium in effluents of tanneries in industrial area of district Kasur. (Ph.D., 2003)
164. Samina Qamar: Biochemical analysis of honey with particular reference to the variety of free amino acids from Zizzyphus jujuba (Ph.D., 2004)
165. Nadia Dar: Studies on yeast strains isolated from industrial areas of Pakistan for detoxification of heavy metals (Ph.D., 2004)
167. Mohamed Younus Rana: Detection and prevalence of Trypanosoma evansi in camels through polymerase chain reaction and haemocrit centrifugation technique in Punjab (Pakistan) (M.Sc. Hons Pathology, 2005)
168. Muhammad Asif Muieed: Comparative studies on the sensitivity of polymerase chain reaction and microscopic examination for the detection of Trypanosoma evansi in horses (M.Sc. Hons. Pathology, 2005)
169. Rana Sajjad Ahmed: Detection of Toxoplasma gondii infection in butchers and buffaloes by polymerase chain reaction and latex agglutination test (M.Sc. Pathology, 2005)
170. Muzna Razai: Studies on association of TNF-alpha with obesity. (M.Sc., Microbiology & Molecular Genetics, 2005)
171. Muhammad Bilal: Molecular epidemiology of bovine tuberculosis in humans. (M. Phil. Pathology, 2005)
172. Muhammad Asif: Molecular detection of Babesia bigemina and Babesia bovis in carrier cattle by duplex polymerase chain reaction (PCR) (M. Phil. Pathology, 2006)
175. Aftab Ahmad Chatta: Overexpression and purification of Hepatitis B surface antigen PreS region from E. coli (B.Sc. Hons Microbiology & Molecular Genetics, 2006)
176. Asma Hina: Expression of recombinant Pre-S hepatitis B virus protein using NHL3 clone in E.coli expression system (B.Sc. Hons Microbiology & Molecular Genetics, 2006)
177. Farah Bashir: Isolation and characterization of cadmium resistant bacteria from effluents of Kasur tanneries and Kot Lakhpat industrial area (M.Sc. Microbiology & Molecular Genetics, 2006)
178. Saadia Ashraf: Molecular characterization of capsular protein gene of Pasteurella multocida isolated from different localities in Pakistan (M.Sc. Microbiology & Molecular Genetics, 2006)


181. Muhammad Saleem: Molecular detection of Babesia bigemina and Babesia bovis in carrier cattle by duplex polymerase chain reaction (PCR) (M.Phil. Pathology, 2006)

182. Bushra Munee: Role of microorganisms in remediation of heavy metals in industrial wastes (Ph.D., 2006).

183. Abdul Rehman: Survey of Protozoan fauna surviving in stress conditions in industrial wastes and their role in bioremediation (Ph.D. 2006)

184. Abdul Razzaq: Standardization of avian leucosis diagnostic technique through polymerase chain reaction (PCR) and confirmation with enzyme labeled immunosorbent assay (ELISA) (M.Phil. Pathology, 2006)

185. Kiran (GCU)

186. Shazad (GCU)

187. Naeem Aftab: Analysis of a sequence variation 713-8delC of transforming growth factor Beta1 (TGF β1) gene in local oseoporotic female population in relation to bone mineral density (B.Sc. MMG, 2007)

188. Raazia Tasadduq: Association between ars 235768 variation in bone morphogenetic protein 2 (bmp2) gene and bone mineral density in local osteoporotic female population (B.Sc. Hons. MMG, 2007)

189. Yousra Saeed: Association between an SP1 binding site polymorphism in Col1A1 gene and bone mineral density in local osteoporotic female population (B.Sc. Hons. MMG, 2007)

190. Raheela Akhtar Durani: Comparative study on the sensitivity of polymerase chain reaction (PCR) and conventional serological methods for the diagnosis of brucellosis in ruminants (M.Phil Pathology, 2007)

191. Naima Muntaz: Comparison of multiplex PCR and conventional methods for the diagnosis of Tuberculosis (TBN) in human, buffalo and cattle in Lahore District. (M.Phil. Pathology, 2007)


193. Asadullah Khan: Standardization of tuberculin test in buffaloes and subsequent detection of Mycobacterium in milk and blood through polymerase chain reaction (M.Phil. Pathology, 2007)


196. Faiza Saleem: Molecular characterization of Cry2 genes from local isolates of Bacillus thuringiensis (Ph.D., Biological Sciences, 2007).

197. Deeba Noreen Baig: Cloning and molecular characterization of Cry1Ac gene from local isolates of Bacillus thuringiensis (Ph.D., Biological Sciences, 2007).

198. DilAra Abbas Bukhari. Cloning and molecular characterization of Cry4 gene from local isolates of Bacillus thuringiensis (Ph.D., Biological Sciences, 2007).

199. Muhammad Yunus Rana: Pathogenesis of Salmonellosis with respect to carrier status and its public health impact (Ph.D., Pathology, 2007)

200. Annela Zamir Durrani: Epidemiology, serodiagnosis and chemoprophylaxis of theileriosis in bovines (Ph.D., Veterinary Medicine, 2008)

201. Nageena Zahid: Expression of cry4B gene from Bacillus thuringiensis in Escherichia coli encoding 70kDa cryustal proteins (B.Sc. Hons. MMG, 2008)


204. Rukhsana Shuja: Identification, cloning and expression of metallothionein gene of locally isolated ciliates Paramecium sp and Tetrahymena tropicalis lahorensis. (Ph.D., Biological Sciences, 2009)

205. Rahila Chaudhry: Molecular identification of metal resistant ciliates and molecular characterization of copper metallothionein gene of Tetrahymena (Ph.D., Biological Sciences, 2009)


207. Ishrat Aziz: Spectrum of p53 tumor suppressor gene mutation in Pakistani female cancer patients (Ph.D., Biological Sciences, 2010)

208. Nageena Zahid: Monitoring the activity of copper mediated induction of cus operon promoter in E. coli (M.Phil. Biological Sciences, 2010)

209. Aliya Suleman (M.Phil. Biological Sciences, 2010)

210. Saira Dar (M.Phil. Biological Sciences, 2010)
E. LIST OF SOME ABSTRACTS


PUBLICATIONS

Dr. Abdul Rauf Shakoori


PUBLICATIONS Dr. Abdul Rauf Shakoori
PUBLICATIONS


PUBLICATIONS


F) POPULAR ARTICLES


G) BOOKS


20. REFEREE/REVIEWER OF INTERNATIONAL SCIENTIFIC JOURNALS

1. World Journal of Microbiology & Biotechnology Published by Springer Verlag
2. Pesticide Biochemistry & Physiology Published by Elsevier
3. Journal of Hazardous Material Published by Elsevier
4. Bulletin of Environmental Contamination & Toxicology Published by Springer Verlag
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