

# List of publications of

Prof Dr. Javed Iqbal Qazi.

Department of Zoology University of the Punjab Lahore Pakistan

E mail: qazi.zool@pu.edu.pk

## i) Research Articles:

1. Qazi, J.I. and Mufti, S.A., 1989. Regeneration of testosterone-deprived and testosterone stimulated extensor digitorum longus muscle grafts. *Sci. Int. (Lahore)*, **1**: 370-375. **(NIF)**
2. Qazi, J.I. and Mufti, S.A., 1990. Regeneration of skeletal muscle grafts in hypoinsulinaemic rats. *Pakistan J. Zool.*, **22**: 263-270. **(IF 0.338)**
3. Qazi, J.I. and Jafri, R.H., 1996. Uptake and concentration of uranium in animals and plants from a natural radioactive terrestrial ecosystem in Pakistan. *Punjab Univ. J. Zool.*, **11**: 51-56 **(NIF)**
4. Qazi, J.I. and Mufti, S.A., 1997. Effects of androgens on nucleic acids and protein contents in regenerating extensor digitorum longus muscle following orthotopic transplantation in rats. *Punjab Univ. J. Zool.*, **12**: 115-125. **(NIF)**
5. Qazi, J.I., Sheikh, S.I., Riaz-ul-Haq and Shakoory, A.R., 1997. Cultivation of chromium-tolerant Ciliate protozoans from industrial effluents of tanneries. *Pakistan J. Zool.*, **29**: 405-409. **(IF 0.338)**
6. Haq, R.U., Qazi, J.I. and Shakoory, A.R., 1998. Growth and survival of protozoa isolated from a tannery effluent. *Folia Microbiol.*, **43**: 109-112. **(IF 0.677)**
7. Qazi, J.I. and Mufti, S.A., 1998. Regeneration of extensor digitorum longus muscle grafts in testosterone propionate supplemented rats. *Punjab Univ. J. Zool.*, **13**: 135-147. **(NIF)**
8. Qazi, J.I. and Ashraf, U., 2000. Biotechnological implication of flagellate protozoans in cleaning industrial effluents containing heavy metal Cr<sup>+6</sup>. *Punjab Univ. J. Zool.*, **15**: 123-135. **(NIF)**
9. Qureshi, A.W. and Qazi, J.I., 2000. Qualitative analysis of drinking water of Lahore for the presence of coliform bacteria. *Punjab Univ. J. Zool.*, **15**: 61-68. **(NIF)**
10. Qazi, J.I. and Batool, T., 2001. Effects of different media on isolation of amino acid(s) producing bacteria. *Punjab Univ. J. Zool.*, **16**: 81-90. **(NIF)**
11. Qazi, J.I. and Mufti, S.A., 2001. Skeletal muscle regeneration in orchidectomized and testosterone propionate replaced rats - histological and morphometric studies. *Proc. Pakistan Acad. Sci.*, **38**: 137-149. **(NIF)**
12. Qazi, J.I., Noor, S. and Raqeeb, A., 2002. Isolation and growth optima of amino acid(s) producing bacteria from animal manure, soil and water samples of Lahore area. *Pakistan J. Zool.*, **34**: 331-338. **(IF 0.338)**
13. Qazi, J.I. and Qureshi, A.W., 2002. Amino acid(s) production of locally isolated bacteria in different growth media. *Pakistan J. Zool.*, **34**: 65-71. **(IF 0.338)**
14. Qazi, J.I. and Qureshi, A.W., 2002. Indication of coliforms, and other bacteria from a popular street food "Dahi Bhalley" from different areas of Lahore. *Punjab Univ. J. Zool.*, **17**: 101-107 **(NIF)**
15. Qazi, J.I., Yasin, M. and Shahjahan, S., 2002. Atmospheric bacterial profiles and suspended particulate matter of Lahore city. *Punjab Univ. J. Zool.*, **17**: 1-13. **(NIF)**
16. Suhail, M., Qazi, J.I., Zubair, M. and Feroze, N., 2002. Histological changes in rat ovaries exposed in utero to 5 MHz ultrasound waves. *Proceeding Shaikh Zayed Post-graduate Medical Institute*. **16**: 61-70. **(NIF)**
17. Qazi, J.I. and Hadi, S., 2003 Chromium resistant alkalophilic bacteria, isolated from, stagnant tanneries' effluent. *Punjab Univ. J. Zool.* **18**: 71-79. **(NIF)**

18. Qazi, J.I. and Hasan, S., 2003. The potential use of soil bacteria for assessment of heavy metal concentration in contaminated waters. *Pakistan J. Zool.* **35**: 133-138. **(IF 0.338)**
19. Qazi, J.I. and Mufti, S.A. 2003. Influence of hyperinsulinaemia on regeneration of skeletal muscle fibres following autotransplantation. *Proc. Pakistan Acad. Sci.* **40**:41-52. **(NIF)**
20. Qazi, J.I. and Saleem, F., 2003. Effects of low voltage electrolysis and freezing on coliform content of contaminated water *J. Res. Sci.* **14**:27-33. **(NIF)**
21. Qazi, J.I. and Shazia, Y., 2003. Effects of some transition metal ions on growth of bacteria and their yield of extracellular amino acids. *Punjab Univ. J. Zool.* **18**: 81-89. **(NIF)**
22. Qazi, J.I. and Yasin, M., 2003. Effects of water and acetone extracts of atmospheric suspended particulate matter collected from Lahore on bacterial and yeast growth. *Pakistan J. Zool.*, **35**: 78-81. **(IF 0.338)**
23. Qazi, J.I. and Naz. S., 2004. Isolation, characterization and optimization of alkaliphilic keratinolytic bacteria. *Proc. Natl. Cong. Biol.*, **2**: 153-167 (GC University, Lahore). **(NIF)**
24. Qazi, J.I., Shahid, R. and Ali, S.S., 2004. Isolation and characterization of pentachlorophenol degrading bacteria. *Proc. Pakistan Cong. Zool.* **24**: 185-198. **(NIF)**
25. Qazi, J.I., Shahjahan, S. and Baig, S., 2004. Pollution source assessment of river water. *Punjab Uni. J. Zool.*, **19**: 89-95. **(NIF)**
26. Andleeb, S. and Qazi, J.I., 2005. Potential of a pigment producing malathion responsive bacterium for environmental assessment of the insecticide in environmental samples. *Punjab Univ. J. Zool.*, **20**(1): 103-112. **(NIF)**
27. Bano, A.S., Qazi, J.I. Butt, M.A. and Khan, I.H. 2005. Isolation of metal corroding actinomycetes and other bacteria from soil sampled from a vicinity of microbiologically influenced corroded gas pipeline. *J. Pakistan Inst. Chem. Engineers.* **33**: 69-77. **(NIF)**
28. Qazi, J.I., Amin, S. and Chaudhary N., 2005. Cellulolytic, endospore former and coliform bacterial profiles in the bottom of Lahore canal at different locations in the city. *Punjab Univ. J. Zool.*, **22**(2): 203-210. **(NIF)**
29. Qazi, J.I., Ilyas, N. and Mufti, S.A., 2005. Effects of diabetes and hyperinsulinaemia on number of regenerated muscle fibers and their glycogen content in extensor digitorum longus muscle transplants. *Punjab Univ. J. Zool.*, **22**(2): 143-154. **(NIF)**
30. Qazi, J.I. and Munir, Z.M., 2005. Provision of nutrients enhances Cr<sup>+6</sup> reduction potential of microbial community indigenous to tannery's effluents. *Punjab Uni. J. Zool.*, **20**(1): 113-128 **(NIF)**
31. Qazi, J.I. and Riaz .S. 2005. Differential response of early and late phases of skeletal muscle regeneration to exogenous supply of testosterone and insulin. *Proc. Pakistan Acad. Sci.* **42**: 69-76. **(NIF)**
32. Qazi, J.I. and Saleem, F., 2005. Low-cost strategies for microbiological purification of drinking water. *Biologia (Pakistan)*. **51**: 75-82. **(NIF)**
33. Qazi, J.I. and Sana. S. 2005. Isolation of Trichophyton species from hair samples of five volunteers with suspected tinea capitis. *Mycopath.* **3**: 37-45. **(NIF)**
34. Qazi, J.I. and Tahir, R., 2005. Occurrence of *Amphibacillus* and *Bacillus* endospores in the atmospheric suspended particulate matter of Lahore city. *Pakistan J. Zool.* **36**: 187-191. **(IF 0.338)**
35. Rehman, A., Ashraf, S., Qazi, J.I. and Shakoory, A.R., 2005. Uptake of lead by a ciliate, *Stylonychia mytilus*, isolated from industrial effluents: Potential use in bioremediation of wastewater. *Bull. Environ. Contam. Toxicol.* **75**: 290-296. **(IF 1.018)**
36. Saeed, A.A. and Qazi, J.I., 2005. Simultaneous saccharification and ethanol fermentation of apples, bananas and potatoes by *Issatchenkia orientalis*. *Mycopath.* **3**: 73-78. **(NIF)**
37. Chaudhary, A. and Qazi, J.I., 2006. Microbiological upgradation of formulated fish feed. *Proc. Pakistan Congr. Zool.*, **26**: 43-73. **(NIF)**

38. Chaudhary, N. and Qazi, J.I. 2006. Potential of locally isolated *Saccharomyces cerevisial* PUZ1Y strain for fermenting xylose to ethanol. *Mycopath*, **4**: 5-8. **(NIF)**
39. Chaudhary, N. and Qazi, J.I., 2006. Microbiological saccharification and ethanol production from sugarcane bagasse. *Biotechnol.* **5**(4): 517-521. **(NIF)**
40. Iqtedar, M. and Qazi, J.I., 2006. Isolation of feather keratin hydrolyzing bacteria and low-cost protein enrichment of poultry feed. *Proc. Pakistan Congr. Zool.*, **26**: 5-18. **(NIF)**
41. Nadeem, M., Baig, S. Syed, Q.A. and Qazi, J.I., 2006. Microbial production of alkaline proteases by locally isolated *Bacillus subtilis* PCSIR-5. *Pakistan J. Zool.*, **38**: 109-114. **(IF 0.338)**
42. Qazi, J.I. and Abbasi, M. H., 2006. Effect of urbanization on Lahore canal water pollution. *Proc. Pakistan Congr. Zool.*, **26**:97-101. **(NIF)**
43. Qazi, J.I., Atika-ul-Rehman, Iqtedar, M., 2006. Periphytic coliform contents of a commonly used salad vegetables, *Brassica oleracea*. *Proc. Pakistan Congr. Zool.*, **26**: 29-41. **(NIF)**
44. Qazi, J.I. and Fayyaz, Z., 2006. Aflatoxin contaminated foods and health risk perspective for Pakistani population (Review). *Mycopath*, **4**: 27-34. **(NIF)**
45. Qazi, J.I. and Nazar, S., 2006. Potato starch saccharifying and ethanol yielding strains of *Saccharomyces cerevisiae*. *Mycopath*, **4**: 27-35. **(NIF)**
46. Qazi, J.I., Shahid, S. and Chaudhary, N., 2006. Occurrence of hemolytic coliform bacteria in drinking water samples of Lahore. *Pakistan J. Zool.*, **38**: 119-123. **(IF 0.338)**
47. Bano, A.S. and Qazi, J.I., 2007. Isolation and optimization of mild steel corroding bacteria from corrosion influenced soil samples. *Proc. Pak. Congr. Zool.*, **27**:47-66. **(NIF)**
48. Bano, A.S. and Qazi, J.I., 2007. Mild steel corroding activity of different bacteria isolated from microbiologically influenced corroded soil samples. *Pakistan Journal of Research Updates. IV & V*: 12-19. **(NIF)**
49. Chaudhary, A. and Qazi, J.I., 2007. Influence of a probiotic *Pseudomonas pseudoalcaligenes* fermented feed on growth performance of Rohu (*Labeo rohita*) fingerlings. *Punjab Univ. J. Zool.* **22** (2):41-56. **(NIF)**
50. Chaudhary, N., Qazi, J.I. and Gill, A., 2007. Isolation and optimization of tobacco decomposing *Bacillus* and *Lactobacillus* sp. *Caspian J. Env. Sci.* **5**(1): 45-49. **(NIF)**
51. Khan, B., Mateen, B., Naz, A., Qazi, J.I. and Ahmed, F., 2007. Synthesis, spectroscopic studies and antimicrobial activity of chelates 2-(Acetyloxy)-Benzoic acid with transition metals Cr<sup>+3</sup>, Mn<sup>+2</sup>, Ni<sup>+2</sup> and Cu<sup>+2</sup>). *Journal of Scientific Research* **37**: 15-28. **(NIF)**
52. Nadeem, M., Qazi, J.I., Baig, S. and Syed, Q., 2007. Studies on commercially important alkaline protease from *Bacillus licheniformis* N-2 isolated from decaying organic soil. *Turkish J. Biochem.*, **32** (4):171-177. **(IF 0.258)**
53. Qadir, M.A., Qazi, J.I., Khan, Q.U.A., Shahzadi, T., Kausar, T., Anjum, R., Javed, S., Hanif, S. and Khan, S., 2007. Antimicrobial and antifungal activity of some products derived through the condensation of antibiotics and amino acids. *J. Chem. Soc. Pak.*, **29**: 48-50. **(IF 1.377)**
54. Qazi, J. I., Andleeb, S., Rehman, A. and Shakoory, A.R., 2007. Hexavalent chromium resistant bacteria isolated from industrial effluents and their potential use in bioremediation of toxic waste waters. *Proc. Pak. Congr. Zool.*, **27**:1-17. **(NIF)**
55. Saeed, A. A. and Qazi, J.I., 2007. Increased production of ethanol by U.V. irradiated cellulose and starch saccharifying locally isolated *Bacillus coagulans* AhAS-8 and *B. coagulans* – AhAS30 bacterial and *Saccharomyces cerevisiae*-AhAS-y-3 yeast strains. *Yemeni J. Biol. Sci.* **3**: 31-51. **(NIF)**
56. Bashir, M.F., Qazi, J.I., Ahmad, N. and Riaz, S., 2008. Diversity of urinary tract pathogens and drug resistant isolates of *Escherichia coli* in different age and gender groups of Pakistanis. *Tropical J. Pharm. Res.*, **7** (3): 1025-1031. **(IF 0.82)**
57. Chaudhary, N. and Qazi, J.I., 2008. Ethnological potential of thermophilic bacterium and yeast from acid saccharified sugarcane bagasse. *Pak. J. Zool.*, **40**(2): 99-103. **(IF 0.338)**

58. Nadeem, M., Qazi, J.I., Baig, S. and Syed, Q., 2008. Stimulatory effect of medium ingredients on alkaline protease production by *Bacillus licheniformis* N-2 and compatibility studies with commercial detergents. *Pak. J. Sci. Ind. Res.*, **51**(3): 150-157. **(NIF)**
59. Nadeem, M., Qazi, J.I., Baig, S. and Syed, Q., 2008. Effect of medium composition on commercially important alkaline protease production by *Bacillus licheniformis* N-2. *Food Technol. Biotechnol.*, **46**(4): 388-394. **(NIF)**
60. Nadeem, M., Qazi, J.I., Syed, Q. and Baig, S., 2008. Optimization of process parameters for alkaline protease production by *Bacillus licheniformis* N-2 and kinetics studies in batch fermentation. *Turk. J. Biol.*, **32**: 243-251. **(NIF)**
61. Qazi, J.I. Asif, H. and Shahid, R., 2008. Economical method for estimation of bacterial viable count. *Pakistan J. Zool.*, **40**: 289-294. **(IF 0.338)**
62. Chaudhary, N., Aslam, A. and Qazi, J.I., 2009. Ethanologenic potential of the Bacterium *Bacillus cereus* NB-19 in media comprising of sugar mill and dairy industrial waste. *African J. Biotechnol.* **8**(23): 6716-6720. **(IF 0.57)**
63. Nadeem, M., Qazi, J.I., Syed, Q. and Baig, S., 2009. Effect of aeration and agitation rates on alkaline protease production by UV mutant strain *Bacillus licheniformis* UV-9. *Turk. J. Biochem.* **34** (2): 89-96. **(IF 0.258)**
64. Qazi, J.I., Nasreen, Z. and Nazir, S., 2009. Effects of inhalation of iron emission particles on some lung cellular parameters in mice. *Pak. J. Zool.*, **41** (2):149-153. **(IF 0.338)**
65. Qazi, J.I., Qaiser, N. and Bano, A.S., 2009. Isolation of antifungal bacteria from soil samples. *Mycopath*, **7**(1): 5-10. **(NIF)**
66. Jabeen, F. and Qazi, J.I. 2009. Biostoning potential of *Bacillus cereus* cellulases at higher temperatures. *29<sup>th</sup> Proc. Pak. Congr. Zool.* **29**: 15-26. **(NIF)**
67. Hussain, A., Qazi, J.I., Shakir, H.A. and Mirza, M.R. 2009. Length-weight relationship, meristic and morphometric study of clupisoma naziri from the river indus, Pakistan. *Punjab Univ. J. Zool.* **24** (1-2), pp. 41-47.
68. Alam, S., Shah, H.U., Magan, N., Qazi, J.I. and Arif, M., 2010. Effects of calcium propionate and water activity on growth and aflatoxins production by *Aspergillus parasiticus*. *Pakistan J. Zool.* **42**: 57-62. **(IF 0.338)**
69. Iqbal, A., Siddiqui, H.L., Ashraf, C.M., Ahmad, N., Qazi, J.I. and Weaver, G.W., 2010. Solvent-Mediated Effects in NMR Spectra of 2-Formyl phenoxyacetic Acid Chromatographic Evidence for internal Cyclisation and Tautomerization. *J. Chem. Soc. Pak.*, Vol. **32**: 91-94 **(NIF)**
70. Bano, A.S., and Qazi, J.I., 2010. Shielding for Microbiological Influenced Corrosion on Mild Steel by Antagonistic Bacterial Cultural Fluids. *Pakistan J. Zool.* **42**(4): 489-493. **(IF 0.338)**
71. Aslam, S. and Qazi, J.I., 2010. Isolation of Acidophilic Lactic Acid Bacteria Antagonistic to Microbial Contaminants. *Pakistan J. Zool.* **42**(5): 567-573. **(IF 0.338)**
72. Faiz, M and Qazi. J.I. 2010. The t(12;21) is underrepresented in Childhood B-lineage acute lymphoblastic leukaemia in Punjab, Pakistan. *J. Pediatric Hematol./Oncol.*: **32**: 249-251. **(IF 1.159)**
73. Nadeem, M., Qazi, J.I. and Baig, S. 2010. Enhanced production of alkaline protease by a mutant of *Bacillus licheniformis* N-2 for dehairing. *Braz. Arch. Biol. Technol.* **53**(5): 1015-1025. **(IF 0.551)**.
74. Qazi, J.I. and Feroz, B. 2010. Nutritional Improvement in bacterially solid state fermented formulated fish feed. *Proc. Pakistan Congr. Zool.*, **30**: 11-19.
75. Jabeen, F. and Qazi, J.I. 2010. Isolation and screening of chitinolytic bacteria from soil samples. *Proc. Pakistan Congr. Zool.* **30**: 21-28.
76. Qazi, J.I. and Rasool, S. 2010. Antimicrobial activity of pure heat exposed and herbal extracts blended honey. *Proc. Pakistan Congr. Zool.* **30**: 29-39.
77. Shakir, H.A., Qazi, J.I., Hussain, A. and Ali. S. 2010. Growth coefficient and condition factor of three carp species reared under semi-intensive culture. *Punjab Univ. J. Zool.* **25**(1-2). 13-20.

78. Qazi, J.I., Niaz, S. and Hussain, A. 2010. Biological Chromium reduction at low pH: A preliminary study. *Punjab Univ. J. Zool.* **25**(1-2): 49-57.
79. Bano, A.S., and Qazi, J.I., 2011. Soil buried Mild Steel Corrosion by *Bacillus cereus*-SNB4 and its Inhibition by *Bacillus thuringiensis*-SN8. *Pakistan J. Zool.* **43**(3): 555-562. **(IF 0.338)**
80. Chaudhary, N. and Qazi, J.I. 2011. Lignocellulose for ethanol production: A review of issues relating to bagasse as a source material. *African Journal of Biotechnology.* **10**(8): 1270-1274. **(IF 0.57)**
81. Nazir, S., Anwar, J., Munawar, M.A. and Qazi, J.I., 2011. Chromium(III) chelate of deoxyalliin and its bioactivity. *Journal of Coordination chemistry.* **64**(8): 1344-1350. **(IF 1.547)**
82. Sattar, S., Farmanullah, Saljoqi, A., Arif, M., Sattar, H, and Qazi, J.I. 2011. Toxicity of some new insecticides against *Trichogramma chilonis* (Hymenoptera: Trichogrammatidae) under laboratory and extended laboratory conditions. *Pakistan J. Zool.* **43**(6): 1117-1125. **(IF 0.338)**
83. Jabeen, F. and Qazi, J.I. 2011. Production and optimization of detergent compatible thermostable alkaline protease from *Bacillus cereus* FJ10. *Journal of Scientific & Industrial Research.* **70**: 1042-1048. **(IF 0.587)**
84. Faiz, M., Qureshi, A. and Qazi, J.I. 2011. Molecular characterization of different fusion oncogenes associated with childhood acute lymphoblastic leukaemia from Pakistan. *IJAVMS.* **5**(5): 497-507. **(IF 1.84)**
85. Faiz, M., Qazi, J.I. and Qureshi, A. 2011. High prevalence of BCR-ABL fusion transcripts with poor prognostic impact among adult ALL patients: report from Pakistan. *Asia-pacific J. Clinical Oncology.* **7**: 47-55. **(IF 0.585)**
86. Qazi, J.I., Nadeem, M. and Baig, S.S. 2011. Anaerobic fixed film biotreatment of dairy wastewater. *Middle-East Journal of Scientific Research* **8** (3): 590-593. ISSN 1990-9233. IDOSI Publications, 2011. **(IF 1)**.
87. Abbasi, M.H. and Qazi, J.I. 2011. Isolation and characterization of coal desulfurizing bacteria. *Proc. Pak. Congr. Zool.* **31**: 55-69.
88. Chaudhry, A and Qazi, J.I. 2011. Prevalence of *Pseudomonas* and Lactic Acid Bacteria in raw milk and Yogurt sampled from Lahore. *Proc. Pak. Congr. Zool.* **31**: 79-87.
89. Qazi, J.I., Mumtaz, T. and Bano, A.S. 2011. Three years' soil-buried exposure of mild steel to corrosion influencing bacteria. *Proc. Pak. Congr. Zool.* **31**: 95-106.
90. Qazi, J.I., Javed, A. and Mufti, S.A., 2011. Revascularization and reinnervation of freely grafted extensor digitorum longus muscle in rats repond positively to the provision of testosterone propionate. *Proc. Pakistan conger. Zool.* **31**: 115-124.
91. Shakir, H.A., Qazi, J.I. and Chaudhry, A.S. 2012. Effects of anthropogenic activities on some biochemical parameters of *Catla catla*, from the river Ravi, Pakistan. *Advances in Animal Biosciences.* **120**: 99 **[U.K] (NIF)**
92. Khan M., Zheng, B., Yi, F., Rasul, A., Gu, Z., Li, T., Gao, H., Qazi, J.I., Yang, H. and Ma, T. 2012. Pseudolaric Acid B induces caspase-dependent and caspase-independent apoptosis in U87 Glioblastoma cells. Evidence-Based Complementary and Alternative Medicine. Volume 2012, Article ID 957568, 1-11. Doi: 10.1155/2012/957568. **(I.F. 4.774)**
93. Bano , A. S. and Qazi, J. I. 2012. Corrosion and its control of soil buried mild steel coupons by *Paenibacillus dendritiformis*-MB14 and its antagonistic *Bacillus licheniformis* -MB6. *New Horizons in Science & Technology (NHS&T)*, 2012 Volume **1**(4):100-105 **(NIF)**
94. Bukhari, S.Z., Qazi, J.I., Ashshi, A.M. and Zia, Naheed. 2012. Human immunodeficiency virus type-1 (HIV-1) disease progression and viral activity: A seroepidemiological and molecular study. *Journal of the College of Physicians and Surgeons Pakistan.* **22** (9): 565-569. **(I.F. 0.34)**
95. Nasreen, Z. and Qazi, J.I. 2012. Lab scale composting of fruits and vegetables wastes at Elevated Temperature and forced aeration. *Pakistan Journal of Zoology,* **44**(5): 1285-1290. **(I.F. 0.338) [Pakistan]**

96. Hussain, A. and Qazi, J.I. 2012. Biological sulphate reduction using watermelon rind as a carbon source. *Biologia* (Pakistan). **58**:(1&2). 85-92.
97. Javed, A., Muzaffar N. and Qazi, J.I. 2012. Quality assessment of some branded honey samples marketed in Lahore. *Proc. Pakistan Congr. Zool.* **32**: 1-11.
98. Aslam, S. And Qazi, J.I. 2012. Profile of metals' resistant denitrifying bacteria at different depths of tanneries' effluents effected soil. *Proc. Pakistan Congr. Zool.* **32**: 13-23.
99. Amin, N. and Qazi, J.I. 2012. Cultivation of bacillus subtilis-A4, A fish growth escalating probiotic in sugarcane bagasse. *Proc. Pakistan Congr. Zool.* **32**:25-36.
100. Shakir, A., Chaudhry, A.S. and Qazi, J.I. 2013. Impact of anthropogenic activities on physic-chemical parameters of water and mineral uptake in *Catla catla* from river Ravi, Pakistan. *Environ. Monit. Assess.* **185**:2833–2842 DOI 10.1007/s10661-012-2753-3. **(I.F. 1.590)**
101. Khan, M., Qazi J.I., Rasul, A., Zheng, Y. and Ma, T. 2013. Evodiamine induces apoptosis in pancreatic carcinoma PANC-1 cells via NF κB inhibition. *Bangladesh J Pharmacol.* **8**: 8-14. **(I.F. 0.627)**.
102. Shakir, H.A. and Qazi J.I. 2013. Impact of industrial and municipal discharges on growth coefficient and condition factor of major carps from Lahore stretch of Ravi. *J. Animal and Plant Sciences.* **23** (1) : 167-173 **(I.F.0.585)**
103. Hussain A., Bano, A.S. and Qazi, J.I. 2013. Corrosion of Mild Steel Simulating Long Term Soil Burial Field Conditions Differing in Nutritional and Biotic Components. *World Applied Sciences Journal* **22** (7): 985-990. **(NIF)**
104. Qazi, J.I. 2013. Biotechnological potential and conservatory of extremophiles from climatically wide ranged developing countries: Lesson from Pakistan. *Critical Reviews in Microbiology. Informa Healthcare USA*, **39**(1): 1-8. **(IF 6.270)**
105. Hussain, A., Qazi, J.I., Ali, S., Shakir, H.A. and Ullah, N. 2013. Health imperilments in workers of a cutlery industrial complex from Pakistan: A preliminary survey. *Biologia.* (Pakistan). **59**(1): 43-50.
106. Nadeem, M., Qazi, J.I., Syed, Q. and Gulsher, M. 2013. Purification and characterization of an alkaline protease from *Bacillus licheniformis* UV-9 for detergent formulations. *Songklanakarin J. Sci. Technol.* **35**(2): 187-195. **(NIF)**
107. Hussain, A., Ali, S.S., Shakir, H.A., Qazi, J.I., Ali, Kh. and Nadeemullah. 2013. Prevalence of *Escherichia coli* in milk and different milk products sold under market conditions at Lahore. *Journal of Livestock Production.* **1**(1) 11-15. doi: 10.14196/jlp.v1i1.67. **(NIF)**
108. Shakir, H.A., Qazi, J.I. and Chaudhry A.S. 2013. Monitoring the impact of urban effluents on mineral contents of water and sediments of four sites of the river Ravi, Lahore. *Environ Monit Assess.* DOI 10.1007/s10661-013-3284-2. **(I.F. 1.590)**.
109. Andleeb, S., Ghauri, M.A. and Qazi, J.I. 2013. Isolation of Malathion degrading chromogenic *Pseudomonas aeruginosa* strains from insecticide impregnated soils. *Pakistan J. Zool.*, **45**(5). 1447-1451. **(I.F. 0.338)**.
110. Mirza, S.S., Qazi, J.I., Zhao, Q. and Chen, S. 2013. Photo-biohydrogen production potential of *Rhodobacter capsulatus*-PK from wheat straw. *Biotechnology for Biofuels*, **6**:144. 1-12. **(I.F. 5.55)**.
111. Ahmad, Q.A. and Qazi, J.I. 2014. Thermophilic fermentations of lignocellulosic substrates and economics of biofuels: prospects in Pakistan. *Int. J. Energy Environ. Eng.* **5**: 1-14. **(NIF)**
112. Hussain, A., Ali, S., Aslam, S. and Qazi, J.I. 2014. Occupational exposure to cleaning solvents among workers of screen printing units in Pakistan: A preliminary survey. *Biological Sciences and Pharmaceutical Research.* **2**(5): 045-048. **(I.F. 0.395)**
113. Hussain, A., Shakir, H.A. and Qazi, J.I. 2014. Anaerobic biodegradation of sulphate employing animal manure as a cost effective growth substrate. *Journal of Animal and Plant Sciences.* **24**(3): 913-918. **(I.F 0.448)**

114. Hussain, A., Qazi, J.I. and Shakir, H.A. 2014. Implication of molases as electron donor for biological sulphate reduction. *American Journal of Environmental Engineering*. **4**(1): 7-10. **(NIF)**
115. Shakir, H.A., Qazi, J.I. and Chaudhry, A. 2014. Assessing human health risk of metal accumulations in a wild carp fish from selected sites of a river loaded with municipal and industrial wastes. *International Journal of Environmental Research*. **(I.F. 1.82)**.
116. Andleeb, S. and Qazi, J.I. 2014. Assessment of detoxification of malathion by *Pseudomonas* isolates. *African Journal of Microbiology Research*. **8**(11): 1170-1177. (12 March 2014). **(I.F. 0.41)**
117. Saleem, F., Sadiq, R., Adalat, R., Hussain, A. and Qazi, J.I. 2014. Prevalence of acid and antibiotic resistant coliform bacteria in yogurt and oriental snacks sampled from markets of Lahore, Pakistan. *Biologia* (Pakistan). **60**(1): 81-85.
118. Shakir, H.A., Shazadi, K., Qazi, J.I. and Hussain, A. 2014. Planktonic diversity in gut contents of *Labeo rohita* from Ravi, Pakistan reflecting urban loads on the river. *Biologia* (Pakistan). **60**(1): 87-92.
119. Qazi, J.I. and Iqtedar, M. 2014. Epiphytic Bacteria as Indicators of Nosocomial Infections. *Biologia* (Pakistan). **60**(1). 143-148.
120. Shakir, H.A., Qazi, J.I. and Chaudhry, A.S., 2014. Examining muscle of *Cirrhinus mrigala* for biochemical parameters as a bio-indicator of water pollution by municipal and industrial effluents into River Ravi, Pakistan. *Int. Aquat. Res.* Doi. 10.1007/s40071-014-0082-6. **(October)** **(NIF)**
121. Jabeen, F. and Qazi, J.I., 2014. Potential of bacterial chitinases and exopolysaccharides for enhancing shelf life of food commodities at varying conditions. *Int. Res. J. Environment Sci.*, **3**(7): 87-93. **(I.F. 3.116)**. **(July)**.
122. Chaudhary, A. and Qazi, J.I., 2014. Probiotic antagonism of *Sphingomonas* sp. against *Vibrio anguillarum* exposed *Labeo rohita* fingerlings. *Advances in Life Sciences*. **4**(3): 156-165. DOI: 10.5923/j.als.20140403.11 **(NIF)**
123. Jabeen, F. and Qazi, J.I., 2014. Isolation of chitinase yielding *Bacillus cereus* JF68 from soil employing an edible crab shell chitin. *Journal of Scientific and Industrial Research*. **73**: 771-776. **(I.F. 0.385)**
124. Shakir, H.A., Qazi, J.I., Chaudhry, A.S. and Ali, S. 2014. Metal accumulation patterns in livers of major carps from anthropogenically affected segment of the river Ravi, Pakistan. *Int. J. Adv. Res. Biol. Sci.* **1**(6): 261-268. **(NIF)**
125. Aslam, S., Qazi, J.I., Hussain, A. and Ali, S., 2014. Vertical zonation and seed germination indices of chromium resistant cellulolytic and nitrogen fixing bacteria from a chronically metal exposed land area. *Pak. J. Bot.*, **46**(6): 2257-2268. **(I.F. 0.822)**
126. Hussain, A. and Qazi, J.I. 2014. Application of sugarcane bagasse for passive anaerobic biotreatment of sulphate rich wastewaters. *Appl. Water Sci.* DOI: 10.1007/s13201-014-0226-2. **(NIF)**
127. Khan, M., Bi, Y., Qazi, J.I., Fan, L. and Gao, H., 2015. Evodiamine sensitizes U87 glioblastoma cells to TRAIL via the death receptor pathway. *Molecular Medicine Reports*. **11**: 257-262. DOI: 10.3892/mmr.2014.2705. **(I.F. 1.484)**.
128. Hussain, A., Shakir, H.A., Ali, S. and Qazi, J.I. 2015. Growth coefficient and fecundity of *Chitala Chitala* (Osteoglossiformes: Notopteridae) from the river Ravi, Pakistan. *The Journal of Animal & Plant Sciences*, **25**(2): 2015, Page: 401-405 ISSN: 1018-7081. **(I.F. 0.422)**
129. Bano, A.S. and Qazi, J.I. 2015. Stability of biocorrosion protecting exoproducts of *Bacillus thuringiensis*-SN8. *International Journal of Research – GRANTHAALAYAH (IJRG)*. (B09-89). **(NIF)**
130. Manzoor, M., Tabssum, F., Javaid, H. and Qazi, J.I. 2015. Lucrative future of microalgal biofuels in Pakistan: a review. *International Journal of Energy and Environmental Engineering*. **6**:393–403. Doi: 10.1007/s40095-015-0186-9 **(NIF)**

131. Hussain, A., Ashraf, M., Altaf, M., Khan, W.A., Akmal, M. and Qazi, J.I., 2015. Relative diversity and threats to commercially important fishes of the Ravi, Pakistan. *Biologia (Pakistan)*, **61**(1): 145-149.
132. Qazi, J.I., Akram, N. and Bano, A.S., 2015. Construction of low cost filters for microbiological purification of drinking water. *Punjab Univ. J. Zool.*, Vol. 30 (1), 021-024.
133. Batool, N., Shakir, H.A. and Qazi, J.I., 2015. Comparative growth potential of different *Bacillus* species on fruit peels. *Punjab Univ. J. Zool.*, Vol. 30 (1), pp. 025-029.
134. Shakir, H.A., Qazi, J.I., Chaudhry, A.S. and Ali, S. 2015. Metal bioaccumulation levels in different organs of three edible fish species from the river Ravi, Pakistan. *International Journal of Aquatic Biology*. **3**(3): 135-148. **(I.F. 0.453)**
135. Shakir, H.A., Qazi, J.I. and Chaudhry, A.S. 2015. Assessing human health risk of metal accumulations in a wild carp fish from selected sites of a River Loaded with Municipal and Industrial wastes. *Int. J. Environ. Res.* **9**(2): 545-552. **(I.F. 1.1)**
136. Shakir, H.A., Mehmood, R. and Qazi, J.I. 2015. Optimization of cellulolytic potential of bacteria isolated from gut contents of *Catla catla* captured from River Ravi. *Biologia (Pakistan)*. **61**(1): 139-144.
137. Manzoor, A., Haq, I., Baig, S., Qazi, J.I. and Seratlic S. 2016. Efficacy of locally isolated lactic acid bacteria against antibiotic-resistant uropathogens. *Jundishapur J. Microbiol.* 9(1): e18952. **(I.F. 0.383)**
138. Hussain, A. and Qazi, J.I. 2016. Metals-induced functional stress in sulphate-reducing thermophiles. *3 Biotech.* **6**(17): DOI 10.1007/s13205-015-0342-1. **(I.F. 0.992)**
139. Hussain, A., Hasan, A., Javid, A. and Qazi J.I. 2016. Exploited application of sulfate-reducing bacteria for concomitant treatment of metallic and non-metallic wastes: a mini review. *3 Biotech* **6**: 1-10. Doi 10.1007/s13205-016-0437-3, **(I.F. 0.992)**
140. Aslam, S., Hussain, A. and Qazi, J.I. 2016. Dual action of chromium-reducing and nitrogen-fixing *Bacillus megaterium*-ASN3 for improved agro-rehabilitation of chromium-stressed soils. *3 Biotech.* **6**: 1-11. DOI 10.1007/s13205-016-0443-5. **(I.F. 0.992)**
141. Irfan, M., Nadeem, M., Syed, Q. and Qazi, J.I. 2016. Statistical optimization of dilute acid pretreatment of pinus needles to be used as substrate for biofuel production. *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*. Vol. 38(14): 1983-1992. IF. **(0.35)**
142. Javed, A. and Qazi, J.I. 2016. Psychrophilic Microbial Implications in coming Biotechnological Processes. *American Scientific Research Journal for Engineering, Technology, and Sciences (ASRJETS)*. ISSN (Print) 2313-4410, ISSN (Online) 2313-4402. **(I.F. 0.296)**
143. Mushtaq, Q., Irfan, M., Tabssum, F. and Qazi, J.I. 2016. Potato peels: A potential food waste for amylase production. *J. Food Process Eng.* DOI: 10.1111/jfpe.12512. **(I.F. 0.745)**.
144. Irfan, M., Nadeem, M., Syed, Q., Shakir, H.A. and Qazi, J.I. 2016. Study on some properties of calcium-dependent  $\alpha$ -amylase from *Bacillus subtilis* through submerged fermentation of wheat bran. *Chem. Biochem. Eng. Q.*, **30**(4): 429-437. **(I.F. 0.675)**
145. Majeed, H.S., Irfan, M., Shakir, H.A. and Qazi, J.I. 2016. Filter paper activity producing potential of *Aeromonas* Species isolated from the gut of *Labeo rohita*. *Pakistan J. Zool.*, **48**(5): 1317-1323. **(I.F. 0.478)**
146. Irfan, M., Asghar, U., Nadeem, M., Nelofer, Q.S., Shakir, H.A. and Qazi, J.I. 2016. Statistical optimization of saccharification of alkali pretreated wheat straw for bioethanol production. *Waste and Biomass Valorization*. **7**(6): 1389-1396. **(I.F. 0.915)**.
147. Irfan, M., Asghar, U., Nadeem, M., Shakir, H.A., Qazi, J.I., Nelofer, R. and Syed, Q., 2016. Process optimization for endoglucanase production by in submerged fermentation. *Hacettepe J. Biol. Chem.* **44**(1): 87-93. **(NIF)**
148. Shakir, H.A., Qazi, J.I., Irfan, M. and Ali, S. 2016. Alteration in biochemical response of Indian major carp *Labeo rohita* exposed to urban effluents discharged in the river Ravi, Pakistan. *Biologia (Pakistan)*. **62**(2):



149. Manzoor, M., Ma, R., Shakir, H.A., Tabssum, F. and Qazi, J.I. 2016. Microalgal-bacterial consortium: a cost effective approach of wastewater treatment in Pakistan. *Punjab Univ. J. Zool.*, **31**(2): 307-320.
150. Deeba, F., Shakir, H.A., Irfan, M. and Qazi, J.I. 2016. Chitinase production in organisms: a review. *Punjab Univ. J. Zool.* **31**(1): 101-106.
151. Siddique, S., Shakir, H.A., Qazi, J.I. and Irfan, M. 2016. Screening of some agri-wastes for economical cultivation of *Candida tropicalis*. *Punjab Univ. J. Zool.* **31**(1): 31-37.
152. Javed, A. and Qazi, J.I. 2016. Efficacy of *Azadirachta indica* and *Solanum nigrum* for Skin Regeneration in Mice. *Pak. J. Life Soc. Sci.* E-ISSN: 2221-7630; P-ISSN: 1727-4915. (HEC recognized Y Category)
153. Shahid, Z.H., Irfan, M., Nadeem, M., Syed, Q and Qazi, J.I. 2016. Production, Purification and Characterization of Carboxymethyl Cellulase from Novel Strain *Bacillus megaterium*. *Environmental Progress & Sustainable Energy.* **35**(6): DOI 10.1002/ep. **(I.F. 1.326)**
154. Hussain, A. and Qazi, J.I. 2016. Application of sugarcane bagasse for passive anaerobic biotreatment of sulphate rich wastewaters. *Appl Water Sci.* **6**: 205-211. **(NIF)**
155. Saleem, F., Nisar, U., Younas, A., Jabeen, F., Qazi, J.I., Khurshed, N., Munir, N., Naz, S. and Shakoori, A.R. 2016. Molecular characterisation of *Bacillus* chitinase for bioconversion of chitin waste. *Natural Product Research.* **30**(6): 720-723. **(I.F. 1.928)**
156. Irfan, M., Mushtaq, Q., Tabssum, F., Shakir, H.A. and Qazi, J.I. 2017. Carboxymethyl cellulase production optimization from newly isolated thermophilic *Bacillus subtilis* K-18 for saccharification using response surface methodology. *AMB Express.* DOI 10.1186/s13568-017-0331-3. **I.F. 1.825**
157. Iqtedar, M., Qazi, J.I., Baqri, N., Mirza, S.S., Abdullah, R., Kaleem, A. and Naz, S. 2017. Bioconversion of agri-industrial feather waste utilizing thermophilic *Bacillus megatarium* D1. *Romanian Biotechnological Letters.* **22**(1): 12234-12239. **I.F. 0.396**
158. Chaudhary, N., Qazi, J.I., Irfan, M. 2017. Isolation and Identification of Cellulolytic and Ethanologenic Bacteria from Soil. *Iran. J. Sci. Technol. Trans. Sci.* DOI 10.1007/s40995-017-0282-1. **I.F. 0.217**
159. AHMAD, Q.A., YANG, S.T., MANZOOR, M., AND QAZI, J.I. 2017. Moderate alkali-thermophilic ethanogenesis by locally isolated *Bacillus licheniformis* from Pakistan employing sugarcane bagasse: a comparative aspect of aseptic and non-aseptic fermentations. *Biotechnol Biofuels.* **10**:(105). Published online 2017 Apr 24. doi: 10.1186/s13068-017-0785-1. **I.F. 5.203**
160. Awan, K., Jabeen, F., Manzoor, M. and Qazi, J.I. 2017. Potential of thermophilic amylolytic bacteria for growth in unconventional media: Potato peels. *Journal of Food Process Engineering.* DOI: 10.1111/jfpe.12635. **I.F. 1.370**
161. Tabassum, F., Irfan, M., Shakir, H.A. and Qazi, J.I. 2017. Statistical optimization for deconstruction of poplar substrate by dilute sulfuric acid for bioethanol production. *Green Chemistry Letters and Reviews.* **10**(2): 69-79. **I.F. 1.729**
162. Arooj, A., Irfan, M., Tabbasum, F., Shakir, H.A. and Qazi, J.I. 2017. Effect of dilute sulphuric acid pretreatment on cellulose production by *Bacillus subtilis* (K-18) through response surface methodology. *Proceedings of the Pakistan Academy of Sciences: B. Life and Environmental Sciences.* **54**(1): 11-20. (HEC recognized Y category)
163. Manzoor, A., Qazi, J.I., Haq, I., Mukhtar, H. and Rasool, A. 2017. Significantly enhanced biomass production of a novel bio-therapeutic strain *Lactobacillus plantarum* (AS-14) by developing low cost media cultivation strategy. *Journal of Biological Engineering.* **11**:17. DOI. 10.1186/s13036-017-0059-2. **I.F. 3.66**
164. Hussain, A., Iqbal, M.A., Javid, A., Razaq, A., Aslam, S., Hasan, A., Akmal, M. and Qazi, J.I. 2017. Application of fruit wastes as cost-effective carbon sources for biological sulphate reduction. *Iran. J. Sci. Technol. Trans. Sci.* <https://doi.org/10.1007/s40995-017-0436-1> **(I.F. 0.757)**
165. Aslam, S., Hussain, A. and Qazi, J.I. 2017. Production of cellulose by *Bacillus amyloliquefaciens* – ASK11 under high chromium stress. *Waste Biomass Valor.* DOI: 10.1007/s12649-017-0046-3. **(I.F. 1.874)**

166. Iqbal, S., Irfan, M., Tabassum, F., Shakir, H.A. and Qazi, J.I. 2017. Application of Box-Behnken design for optimization of different pretreatment conditions for cellulose production. *Journal of Northeast Agricultural University* (English Edition). **24(3)**: 51-59.
167. Zahid, B., Aslam, A., Rehman, H., Qazi, J.I., Ahmad, N., Ara, C., Akhtar, R. and Bacha, U. 2017. Pathogenicity and immunosuppressive effects of different vaccines of infectious bursal disease virus. *Journal of Animal and Plant Sciences*. **27(4)**: 1183-1189. **I.F. 0.407**
168. Iqbal, S., Irfan, M., Shakir, H.A., Tabssum, F. and Qazi, J.I. 2017. Effect of alkali treatment (NaOH) of eucalyptus leaves for hypercellulase production by *Bacillus subtilis* through submerge fermentation. *Punjab Univ. J. Zool.* **32(1)**: 025-034.
169. Arshad, F., Irfan, M., Shakir, H.A., Tabssum, F. and Qazi, J.I. 2017. Optimization of dilute sulphuric acid pretreatment of peanut shells through Box-Bhenken design for cellulose production by *Bacillus subtilis* K-18. *Punjab Univ. J. Zool.* **32(1)**: 081-090.
170. Anjum, A., Irfan, M., Tabssum, F., Shakir, H.A. and Qazi, J.I., 2017. Optimization of sulphuric acid pre-treatment of Acacia saw dust through box-bhenken design for cellulose production by *B. Subtilis*. *Adv. Life. Sci.* **5(1)**: 19-24. (HEC recognized Y. Category)
171. Abidi, A.S.Z., Shakir, H.A., Ali, S.S. and Qazi, J.I. 2017. Preliminary screening of some plants of Punjab, Pakistan for Phytochemicals. *Biologia (Pakistan)*. **63(2)**: 179-191.
172. Javaid, H., Manzoor, M., Qazi, J.A., Xiaochao, X. and Tabssum, F. 2017. Potential of Oleaginous Yeasts as Economic Feedstock for Biodiesel Production. *Biologia (Pakistan)*. **63(2)**: 217-234.
173. Khalid, S., Irfan, M., Shakir, H.A. and Qazi, J.I., 2017. Endoglucanase producing potential of *Bacillus* species isolated from the gut of *Labeo rohita*. *Journal of Marine Science & Technology*, **25(5)**: 581-587. **(I.F. 0.372)**
174. Hussain, A., Iqbal, M.A., Javid, A., Razaq, A., Aslam, S., Hasan, A., Akmal, M. and Qazi, J.I. 2017. Application of fruit wastes as cost-effective carbon sources for biological sulphate reduction. *Iran. J. Sci. Technol Trans. Sci.* <https://doi.org/10.1007/s40995-017-0436-1>. **(I.F. 0.757)**
175. Javed, A. and Qazi, J.I. 2018. Testosterone propionate promotes angiogenesis and nerve regeneration in extensor digitorum longus muscle grafts. *Sindh Univ. Res. Jour. (Sci. Ser.)*. **50(001)**: 59-64. (HEC recognized Y Category)
176. Nazir, S., Anwar, J., Munawar, M.A., Qazi, J.I., Best, S.P., Cheah, M. and Yaseen, M. 2018. Metal complexation induces antibiotic activity in S-ethyl-L-cysteine sulfoxide. *Inorganica Chimica Acta*. **478(2018)**: 166-175. **(I.F. 2.264)**
177. Tabssum, F., Ahmad, Q.A. and Qazi, J.I. 2018. DNA sequenced based bacterial taxonomy should entail decisive phenotypic remarks: Towards a balanced approach. *J. Basic Microbiol.* **58(11)**: 1-10. **(I.F. 1.58)**
178. Ghaffar, I., Imtiaz, A., Hussain, A., Javid, A., Jabeen, F., Akmal, M. and Qazi, J.I. 2018. Microbial production and industrial applications of keratinases: an overview. *International Microbiology*. **21(4)**: 163-174. DOI: 10.1007/s10123-018-0022-1. **(I.F. 0.796)**
179. Batool, S., Hussain, A., Iqbal, M.A., Javid, A., Ali, W., Bukhari, S.M., Akmal, M. and Qazi, J.I. 2018. Implication of highly metal-resistant microalgal-bacterial co-cultures for the treatment of simulated metal-loaded wastewaters. *Int. Microbiol.* DOI: 10.1007/s10123-018-0025-y. **(I.F. 0.796)**
180. Jabeen, F., Hussain, A., Manzoor, M., Younis, T., Rasul, A. and Qazi, J.I. 2018. Potential of bacterial chitinolytic, *Stenotrophomonas maltophilia*, in biological control of termites. *Egyptian Journal of Biological Pest Control*. **28**:86. <https://doi.org/10.1186/s41938-018-0092-6>. **(I.F. 0.163)**
181. Ali, S., Nelofer, R., Andleeb, S., Baig, S., Shakir, H.A. and Qazi, J.I. 2018. Biosynthesis and optimization of bacitracin by mutant *Bacillus licheniformis* using submerged fermentation. *Indian Journal of Biotechnology*. **17**: 251-260. **(I.F. 0.368)**
182. Khan, R., Khan, M.I., Zeb, A., Roy, N., Yasir, M., Khan, I., Qazi, J.I., Ahmad, S., Ullah, R. and Bhutto, Z. 2018. Prokaryotic diversity from extreme environments of Pakistan and its potential applications at regional levels. Bioprospecting potentials of regional extremophiles. **doi: <https://doi.org/10.1101/342949>**.
183. Aihetasham, A., Shairq, S. and Qazi, J.I. 2018. Potential fungal control of the subterranean termite *Heterotermes indicola* (Wasmann). *Pakistan Journal of Zoology*. **50(6)**: 2093-2098. **(I.F. 0.79)**.

184. Tabssum, F., Irfan, M., Shakir, H.A. and Qazi, J.I. 2018. RSM based optimization of nutritional conditions for cellulose mediated saccharification by *Bacillus cereus*. *Journal of Biological Engineering*. 12(7): 1-10. <https://doi.org/10.1186/s13036-018-0097-4>. (I.F. 2.667)
  185. Ghazanfar, M., Irfan, M., Tabssum, F., Shakir, H.A. and Qazi, J.I. 2018. Effect of different pretreatment conditions on saccharum spontaneum for cellulose production by *B. subtilis* K-18 through Box-Bhenken design. *Iran. J. Sc. Technol Trans Sci*. 42. 313-320. <https://doi.org/10.1007/s40995-017-0463-y> (I.F. 0.692)
  186. Khan, M., Maryam, A., Shakir, H.A., Qazi, J.I. and Li, Y. 2018. Baohuoside I inhibits Benzo(a)Pyrene-Induced metastasis in A549 lung cancer cells by modulating STAT3 and EMT. *Pakistan Journal of Zoology*. 50(5): 2357-2365. <http://dx.doi.org/10.17582/journal/pjz/2018.50.6.2357-2365>. (I.F. 0.79)
  187. Fatima, N., Irfan, M., Shakir, H.A. and Qazi, J.I. 2018. Dilute sulphuric acid pretreatment optimization of cotton stalk for cellulose production through Box-Bhenken design. *Punjab University Journal of Zoology*. 33(1): 77-85. <http://dx.doi.org/10.17582/pujz/2018.33.1.77.85>.
  188. Manzoor, M., Jabeen, F., Thomas-Hall, S.R., Altaf, J., Younis, T., Schenk, P.M. and Qazi, J.I. 2019. Sugarcane bagasse as a novel low/no cost organic carbon source for growth of *Chlorella* sp. BR2. *Biofuels*.01-07. <https://doi.org/10.1080/17597269.2019.1580970>
  189. Jabeen, F., Muneer, B. and Qazi, J.I. 2019. Characterization of Thermophilic Bacteria *Anoxybacillus rupiensis* and cultivation in agroindustrial wastes isolated from hot spring in Chakwal, Pakistan. *Pakistan Journal of Zoology*. 51(4): 1243-1250.
  190. Manzoor, M., Ahmad, Q.A., Aslam, A., Jabeen, F., Rasul, A., Schenk, P.M. and Qazi, J.I. 2019. Mixotrophic cultivation of *Scenedesmus dimorphus* in sugarcane bagasse hydrolysate. *Environ. Prog. Sustainable Energy*. 2019;e13334. Doi: <https://doi.org/10.1002/ep.13334>
  191. Mirza, S.S., Qazi, J.I., Liang, Y. and Chen, S. 2019. Growth characteristics and photofermentative biohydrogen production potential of purple non sulfur bacteria from sugar cane bagasse. *Fuel*. 255 (2019): 115805. Doi: <https://doi.org/10.1016/j.fuel.2019.115805>.
  192. Mumtaz, A., Mahmud, T., Elsegood, M.R.J., Weaver, G.W., Qazi, J.I. and Deeba, F. 2019. Synthesis, characterization and In vitro biological studies of novel Schiff base and its transition metal complexes derived from sulphadoxine. *Farmacia*. 67(1): 106-110. Doi: <https://doi.org/10.31925/farmacia.2019.1.14>.
  193. Iram, S., Imran, M., Kanwal, F., Iqbal, Z., Deeba, F. and Qazi, J.I. 2019. Bismuth (III) based metal organic frameworks: luminescence, gas adsorption, and antibacterial studies. *Z. Anorg. Allg. Chem*. 645: 50-56.
1. "Jaraseem Haqiqat or Islami Taleemat ki roshni main Jaiza" Daira Muaraf Islamia University of the Punjab, Lahore. (In press)

## ii) BOOKS

1. Javed Iqbal Qazi, 2006. "Barhapa Aik Qudrati Amal", (Aging a natural indispensable process). Urdu Science Board, Lahore. Federal Ministry of Education, Govt. of Pakistan (Pages 120).
2. Bano, A.S. and Qazi, J.I., 2008. Evaluation of bacterial mild steel corrosion activities under aerobic and anaerobic conditions. In: *Genomics, Proteomics, Metabolomics: Recent Trends in Biotechnology* (eds, S. Hasnain, N. Jamil, A. Rehman, M. Faisal, A.N. Sabri and S. Sultan), Department of Microbiology and Molecular Genetics, University of the Punjab, Lahore, Pakistan. pp.151-163.
3. Chaudhary N. and Qazi, J.I.2011. Microbial consortium for ethanol production from sugarcane bagasse. *Lambert Academic publishing GmbH & Co. KG*.
4. Bukhari, S.Z.H. and Qazi, J.I.2011. Human immunodeficiency virus (HIV) infection in Pakistan. *Lambert Academic publishing GmbH & Co. KG*.
5. Chaudhary A. and Qazi, J.I.2012. Growth and health promoting roles of probiotics in *labeo rohita*. *Lambert Academic publishing GmbH & Co. KG*.
6. Javed Iqbal Qazi, Naureen Chaudhary and Saima Shahzad Mirza. 2011. Biofuel from cellulosic mass with incentive for feed industry employing thermophilic microbes. In: *Biofuel production recent developments and prospects* (Marco Aurélio dos Santos Bernardes, ed.) ISBN 978-953-307-478-8 Intechweb.org. Croatia. pp. 247-292.

7. Associate Editor: Punjab University Journal of Zoology, University of the Punjab, Lahore.
8. Javed Iqbal Qazi, 2003. Chapter on "Evolution" Biology XII, Punjab Textbook Board, Lahore, Pakistan (Pages. 222-235).
9. Biotechnology: Asasiaat 2011 (In Urdu) Urdu Science Board (In press).
10. Bano, A.S. and Qazi, J.I.2012. Microbiologically Influenced Corrosion of Buried Mild Steel Pipes and its prevention by Bacterial Antibiosis. *Lambert Academic publishing GmbH & Co. KG. UK* ISSN:978-3-84849542-9
11. Faiz, M. and Qazi, J.I.2012. Genetic changes and their prognostic impact in leukaemic patients. *Lambert Academic publishing GmbH & Co. KG. UK* ISSN: 978-3-659-12772-4
12. Iqtedar, M. and Qazi, J.I.2012. Microbiological Processing Of Feather Keratin And Its Incorporation In Poultry Feed. *Lambert Academic publishing GmbH & Co. KG. UK* ISSN: 978-3-659-00048-5
13. Sadiq R., Saleem, F. and Qazi, J.I.2012. Acid Resistance coli forms in food. *Lambert Academic publishing GmbH & Co. KG. UK* ISSN: 978-3-659-18073-6
14. Shakir H.A. and Qazi, J.I.2013. Metals, Fatty Acids and Gut Bacteria of Fishes From River Ravi, Lahore. *Lambert Academic publishing GmbH & Co. KG. UK* ISSN:978-3-659-48351-6.
15. Qazi, J.I. 2015. Jadeed Biotechnology (Modern Biotechnology) Urdu Science Board, 299-Upper Mall, Lahore. ISBN 978-969-477-220-2. E-mail [u\\_s\\_board@hotmail.com](mailto:u_s_board@hotmail.com). Website: [www.urducienceboard.org.pk](http://www.urducienceboard.org.pk).
16. Tabssum, F. and Qazi, J.I. 2017. Theoretical considerations for Economics of Second- and Third-Generation Biofuels. In: *Frontiers in Bioenergy and Biofuels*. Intech. <http://dx.doi.org/10.5772/65735>
17. Mirza, S., Rehman, H., Mahmood, W. and Qazi, J.I. 2017. Potential of Cellulosic Ethanol to Overcome Energy Crisis in Pakistan. In: *Frontiers in Bioenergy and Biofuels*. Intech. <http://dx.doi.org/10.5772/66534>.
18. Hussain, A., Aslam, S., Javid, A., Rashid, M., Hussain, I. and Qazi, J.I. 2019. Biphasic treatment system for the removal of toxic and hazardous pollutants from industrial wastewaters. In: *Emerging and Eco-Friendly Approaches for Waste Management* (eds. Bharagava, R.N. and Chowdhary, P), Springer.

### iii) TRANSLATIONS OF BOOKS

Have translated the following books from English to Urdu:

1. "Daikhna Kia Hay" (What is seeing), printed and published by Ferozesons (Pvt.) Ltd., Lahore in 1993 (pages 24).
2. "Soonghana aur Chakhna Kia Hay" (smell and taste), printed and published by Ferozesons (Pvt.) Ltd., Lahore, in 1998 (pages 24).
3. "Dimagh aur Isabi Nizam" (Brain and nervous system), printed and published by Nuqoosh, Urdu Bazar, Lahore, in 2000 (pages 48).

### iv) ESSAYS FOR PUBLIC SCIENCE EDUCATION

This effort is in Urdu, language for public awareness. Following articles have been published.

1. "Sciency Uloom, Qaumi Zuban oar *Urdu Science Magazine*" (Scientific knowledge, national language and Urdu science magazine) *Urdu Science Magazine*, April to June, 2002, pp.56-60.
2. "Mahole main tabkari ki Khafif miqdar kay Khatrat" (Dangers of low-dose radioactive rays in the environment) *Urdu Science Magazine*, April to June, 2003, pp. 30-35.
3. Cloning ki taknik, is kay istamalate ore akhlaki pahloo (Technique of cloning, its uses and moral facets). *Al Hikmat* **22**: 19-32.

4. Maholiati Aaloodgi aor Mulki Taraqi (Environmental Pollution and Country's Progress) Urdu Science Magazine, July-September 2010. pp. 18-21.