

RESEARCH PUBLICATIONS

1. Sikander Sultan, Shabana Bashir and Mehmood Akram. 1992. Allelopathic potential of three bamboo species. *Pakistan Journal of Agriculture*, **1(1)**: 59-67.
2. Sikander Sultan and Shahida Hasnain. 1994. Conjugal transfer of chromium resistant plasmids residing in pseudomonads. *Pakistan Journal of Zoology*, **26**: 219-226. (Impact Factor: 0.400; Citations = 2)
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4. **Sikander Sultan** and Shahida Hasnain. 2000. Hexavalent chromium resistant bacteria from effluents of electroplating: isolation, characterization and chromium reduction potential. *Pakistan Journal of Biological Sciences*, **3(3)**: 450-456.
5. Zaheer Ahmad Nasir and Sikander Sultan. 2002. Floristic, biological and leaf size spectra of weeds in gram, lentil, mustard and wheat fields of district Chakwal, Pakistan. *Pakistan Journal of Biological Sciences*, **5(7)**: 758-762.
6. Zaheer Ahmad Nasir and Sikander Sultan. 2003. Weed communities in the wheat fields of district Chakwal. *Sarhad Journal of Agriculture*, **19(1)**: 113-120.
7. Sikander Sultan and Shahida Hasnain. 2003. Pseudomonad strains exhibiting high level Cr(VI) resistance and Cr(VI) detoxification potential. *Bulletin of Environmental Contamination and Toxicology*, **71(3)**: 473-480.
8. Sikander Sultan and Zaheer Ahmad Nasir. 2003. Dynamics of weed communities in gram fields of Chakwal, Pakistan. *Asian Journal of Plant Sciences*, **2(17)**: 1198-1204.
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12. Sikander Sultan and Shahida Hasnain. 2005. Plasmid mediated chromate resistance in bacteria isolated from industrial waste. *Pakistan Journal of Biological Sciences*, **8(12)**: 1771-1777.
13. Sikander Sultan and Shahida Hasnain. 2006. Characterization of an *Ochrobactrum intermedium* strain STCr-5 manifesting high level Cr(VI) resistance and reduction potential. *Enzyme and Microbial Technology*, **39(4)**: 883-888.
14. Zaheer Ahmad Nasir and **Sikander Sultan**. 2006. Noxious weeds of winter crops in District Chakwal, Pakistan. *International Journal of Agricultural Research*, **1(5)**: 480-487.
15. Sikander Sultan and Shahida Hasnain. 2007. Reduction of toxic hexavalent chromium by *Ochrobactrum intermedium* strain SDCr-5 stimulated by heavy metals. *Bioresource Technology*, **98(2)**: 340-344.
16. Sikander Sultan and Zaheer Ahmad Nasir. 2007. Intraannual variation in weed communities of lentil fields in Chakwal, Pakistan. *Pakistan Journal of Botany*, **39(5)**: 1471-1479.
17. Ian Colbeck, Zaheer Ahmad Nasir, Shahida Hasnain and Sikander Sultan. 2008. Indoor air quality at rural and urban sites in Pakistan. *Water, Air & Soil Pollution: Focus*, **8(1)**: 61-69.
18. Shabana Kausar, Qaisar Mahmood, Iftikhar Ahmad Raja, Afsar Khan, Sikander Sultan, Mazhar Amjad Gilani and Shahida Shujaat. 2012. Potential of *Arundo donax* to treat chromium contamination. *Ecological Engineering*, **42**: 256-259.

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21. Zaheer Ahmad Nasir, Ian Colbeck, Sikander Sultan and Shakil Ahmad. 2012. Bioaerosols in residential micro-environments in low income countries: A case study from Pakistan. *Environmental Pollution*, **168**: 15-22.
22. Sidra Ilyas, Skinder Sultan and Abdul Rehman. 2012. Decolourization and degradation of azo Dye, Synozol Red HF6BN, by *Pleurotus ostreatus*. *African Journal of Biotechnology*, **11**: 15422-15429.
23. Mahwish Javaid and Sikander Sultan. 2013. Plant growth promotion traits and Cr (VI) reduction potentials of Cr (VI) resistant *Streptomyces* strains. *Journal of Basic Microbiology*, **53**: 420-428.
24. Muhammad Yasin, Muhammad Faisal and Sikander Sultan. 2013. Growth responses of *Triticum aestivum* after inoculating with *Pseudomonas* and *Stenotrophomonas*. *African Journal of Microbiology Research*, **7**: 1952-1956.
25. Shamsa Akbar, Sikander Sultan and Michael Kertesz. 2014. Bacterial community analysis in chlorpyrifos enrichment cultures via DGGE and use of bacterial consortium for CP biodegradation. *World Journal of Microbiology and Biotechnology*. DOI 10.1007/s11274-014-1699-8.