PUBLICATIONS

**International Publications (Total Impact factor more than 909.451)**

1. Sardar Khan, Zahir Qamar, Ajmal Khan, Muhammad Waqas, Javed Nawab, Muhmmmad Khisroon, Ajmal Khan (2023) Genotoxic effects of polycyclic aromatic hydrocarbons (PAHs) present in vehicle-wash wastewater on grass carp (*Ctenopharyngodon idella*) and freshwater mussels (*Anodonta cygnea*). Environmental Pollution **IF 9.988**
2. Saima Saeed, Ajmal Khan, Iqbal Haider, Muhammad Waqas, Javed Nawab, Muhammad Kamran, Sardar Khan (2023) Assessment of selenium in poultry food, chicken, eggs and their potential human health risks in Khyber Pakhtunkhwa, Pakistan. [Journal of Food Composition and Analysis](https://www.sciencedirect.com/journal/journal-of-food-composition-and-analysis). <https://doi.org/10.1016/j.jfca.2023.105767> **IF 4.3**
3. Ajmal Khan, Kong Weidong, Sardar Khan, Javed Khan, Muhammad Israr (2023) Diversity and succession of chemolithoautotrophic microbial community along a recently deglaciation chronosequence on the Tibetan Plateau. Submitted to: FEMS Microbiology Ecology **IF 4.519**
4. Islamud Din, Sardar Khan, Abd El‑Latif Hesham, Sidra Irum and Cang Daqiang (2023) Mine Wastewater Treatment with Upflow Anaerobic Fixed Film Reactors. Mine Water and the Environment. [https://doi.org/10.1007/s10230-023-00929-3 **IF 2.688**](https://doi.org/10.1007/s10230-023-00929-3%20IF%202.688)
5. Abdur Rashid, Muhammad Ayub, Jochen Bundschuh, Xubo Gao, Zahid Ullah, Liaqat Ali, Chengcheng Li, Ajaz Ahmad, Sardar Khan, Jorg Rinklebe, Parvaiz Ahmad. Geochemical control, water quality indexing, source distribution, and potential health risk of fluoride and arsenic in groundwater: Occurrence, sources apportionment, and positive matrix factorization model. Journal of Hazardous Materials https://doi.org/10.1016/j.jhazmat.2023.132443

[https://doi.org/10.1016/j.jhazmat.2023.132443 ***IF 10.588***](https://doi.org/10.1016/j.jhazmat.2023.132443%20IF%2010.588)***.***

1. Muhammad Sajjad, Qing Huang, Sardar Khan, Javed Nawab, Muhammad Amjad Khan, Abid Ali, Rahman Ullah, Aftab Ali Kubar, Genmao Guo, Muhammad Yaseen, Maryam Sajjad (2023) Methods for the removal and recovery of nitrogen and phosphorus nutrients from animal waste: A critical review. Acta Ecologica Sinica. <https://doi.org/10.1016/j.chnaes.2023.05.003>
2. Javed Nawab, Haris Khan, Junaid Ghani, Mazhar Iqbal Zafar, Sardar Khan, Simone Toller, Laraib Fatima, Amir Hamza (2023) New insights into the migration, distribution and accumulation of micro-plastic in marine environment: A critical mechanism review. Chemosphere https://doi.org/10.1016/j.chemosphere.2023.138572 **IF 8.943**
3. Kalsoom, Asmat Ali, Sardar Khan, Neelum Ali, Muhammad Amjad Khan (2023) Enhanced ultrasonic adsorption of pesticides onto the optimized surface area of activated carbon and biochar: adsorption isotherm, kinetics, and thermodynamics. Biomass Conversion and Biorefinery. <https://doi.org/10.1007/s13399-023-04170-4>. **IF 4.05**
4. Tasneem Sarwar, Sardar Khan, Javed Nawab, Said Muhammad, Shehla Amin, Janas Khan, Adnan Sarwar, Iqbal Haider (2022) Qing Huang1Arsenic Speciation in Rice, Mechanisms and Associated Health Risk Through Rice Consumption in Various Districts of Khyber Pakhtunkhwa, Pakistan. Exposure and Health. DOI [https://doi.org/10.1007/s12403-022-00491-3. ***IF. 8.835***](https://doi.org/10.1007/s12403-022-00491-3.%20IF.%208.835)
5. Ajmal Khan, Weidong Kong, Sardar Khan, Javed Nawab (2023) Community succession and drivers of CO2‑fixing microbes in recently deglaciated soils on the Tibetan Plateau. Journal of Soils and Sediments <https://doi.org/10.1007/s11368-023-03446-6> IF **3.308**
6. Muhammad Jamal Nasir, Abdul Wahab, Tehreem Ayaz, Sardar Khan, Amir Zeb Khan, Ming Lei (2023) Assessment of heavy metal pollution using contamination factor, pollution load index, and geoaccumulation index in Kalpani River sediments, Pakistan. Arabian Journal of Geosciences (2023) 16:143 <https://doi.org/10.1007/s12517-023-11231-5> **IF 1.827**
7. Rashid, A.; Ayub, M.; Ullah, Z.; Ali, A.; Sardar, T.; Iqbal, J.; Gao, X.; Bundschuh, J.; Li, C.; Khattak, S.A.; Ali, L.; El-Serehy, H.A.; Kaushik, P.; Khan, S. Groundwater Quality, Health Risk Assessment, and Source Distribution of Heavy Metals Contamination around Chromite Mines: Application of GIS, Sustainable Groundwater Management, Geostatistics, PCAMLR, and PMF Receptor Model. Int. J. Environ. Res. Public Health 2023, *20*, 2113. <https://doi.org/10.3390/ijerph20032113> **IF 4.614**
8. Azhar Rashid, Juma Muhammad, SardarKhan, Aatika Kanwal, Qian Sun (2023) Poultry manure gleaned antibiotic residues in soil environment: A perspective of spatial variability and influencing factors. Chemosphere <https://doi.org/10.1016/j.chemosphere.2023.137907> **IF 8.943**
9. Abdur Rashid, Muhammad Ayub, Zahid Ullah, Asmat Ali, Seema Anjum Khattak, Liaqat Ali, Xubo Gao, Chengcheng Li, Sardar Khan, Hamed A. El-Serehy and Prashant Kaushik (2023). Geochemical Modeling Source Provenance, Public Health Exposure, and Evaluating Potentially Harmful Elements in Groundwater: Statistical and Human Health Risk Assessment (HHRA). Int. J. Environ. Res. Public Health 2022, 19, 6472. <https://doi.org/10.3390/ijerph19116472> **IF 4.614**
10. Muhammad Amjad Khan, Sunjeet Kumar, Qingqing Wang, Mengzhao Wang, Shah Fahad, Mir Muhammad Nizamani, Kenlin Chang, Sardar Khan, Qing Huang, Guopeng Zhu (2023). Influence of polyvinyl chloride microplastic on chromium uptake and toxicity in sweet potato. Ecotoxicology and Environmental Safety 251 (2023) 114526. DOI https://doi.org/10.1016/j.ecoenv.2023.114526 **IF 7.129**
11. Javed Nawab, Abdur Rahman, Sardar Khan, Junaid Ghani, Zahid, Ullah, Haris Khan, Muhammad Waqas (2022) Drinking Water Quality Assessment of Government, Non-Government and Self-Based Schemes in the Disaster Affected Areas of Khyber Pakhtunkhwa, Pakistan. Exposure and Health. <https://doi.org/10.1007/s12403-022-00511-2>. ***IF 8.835.***
12. Junaid Ghani, Javed Nawab, Sardar Khan, Mubarak Ali Khan, Imran Ahmad, Hayssam M. Ali, Manzer H. Siddiqui, Valerio Funari, Enrico Dinelli (2022) Organic amendments minimize the migration of potentially toxic elements in soil–plant system in degraded agricultural lands. Biomass Conversion and Biorefinery [https://doi.org/10.1007/s13399-022-02816-3.](https://doi.org/10.1007/s13399-022-02816-3.%20%20IF%204.987%204.05) **IF 4.05**
13. Junaid Ghani, Javed Nawab, Mohammad Eshaq Faiq, Sajid Ullah, Arshad Alam, Iftikhar Ahmad, Syed Weqas Ali, Sardar Khan, Imran Ahmad, Asim Muhammad, Syed Aziz Ur Rahman, Muhammad Abbas, Abdur Rashid, Shah Zaib Hasan, Amir Hamza (2022) Multi-geostatistical analyses of the spatial distribution, source apportionment of potentially toxic elements in urban children’s park soils in Pakistan: A risk assessment study. Environmental Pollution. <https://doi.org/10.1016/j.envpol.2022.119961> ***IF. 9.988***
14. Shah Jehan, Seema Anjum Khattak, Sardar Khan, Liaqat Ali and Mian Luqman Hussain (2022) Hydrochemical evaluation of groundwater for drinking and irrigation purposes using multivariate indices along Indus Suture Zone, North Pakistan. Environ Geochem Health <https://doi.org/10.1007/s10653-022-01364-z>. ***IF 4.898***
15. Muhammad Jamal Nasir, Muhammad Tufail, Tehreem Ayaz, Sardar Khan, Amir Zeb Khan, Ming Lei (2022) Groundwater Quality Assessment and its Vulnerability to Pollution: A study of District Nowshera, Khyber Pakhtunkhwa, Pakistan. Environ Monit Assess (2022) 194:692 <https://doi.org/10.1007/s10661-022-10399-9>. ***IF 3.307.***
16. Shah Jehan, Seema Anjum Khattak, Sardar Khan, Liaqat Ali, Mian Luqman Hussain (2022) Hydrochemical evaluation of groundwater for drinking and irrigation purposes using multivariate indices along Indus Suture Zone, North Pakistan. Arabian Journal of Geoscience. ***IF. 1.827***
17. Shah Jehan et al. 2022. Hydrochemical evaluation of groundwater for drinking and irrigation purposes using multivariate indices along Indus Suture Zone, North Pakistan", Environmental Geochemistry and Health. ***IF 4.898.***
18. Fouzia Bakht, Sardar Khan, Said Muhammad, Muhammad Amjad Khan1 (2022) Heavy metal bioavailability in the earthworm‑assisted soils of different land types of Pakistan. Arabian Journal of Geosciences (2022) 15:186, [https://doi.org/10.1007/s12517-022-09512-6.](https://doi.org/10.1007/s12517-022-09512-6.%20)  ***IF. 1.827***
19. Javed Nawab, Junaid Ghani, Syed Aziz Ur Rehman, Muhammad Idress, Muhammad Luqman, Sardar Khan, Ali Asghar and Ziaur Rahman (2022) Biomonitoring of mercury in water, sediments, and fish (brown and rainbow trout) from remote alpine lakes located in the Himalayas, Pakistan. Environmental Science and Pollution Research <https://doi.org/10.1007/s11356-022-21340-5>. ***IF 5.19.***
20. Ihsan Ullah, Sardar Khan, Javed Nawab, Muhammad Amjad Khan, Shah Jehan (2022) Hardwood modified and unmodified biochar amendments used for saline alkali soil remediation: phosphorus availability and its plant uptake. Arabian Journal of Geosciences. <https://doi.org/10.1007/s12517-022-10157-8>. ***IF. 1.827***
21. Muhammad Sajjad, Qing Huang, Sardar Khan, Muhammad Amjad Khan, Liu Yin, Junfeng Wang, Faqin Lian, Qingqing Wang, Genmao Guo (2022) Microplastics in the soil environment: A critical review Environmental Technology & Innovation (2022), doi: <https://doi.org/10.1016/j.eti.2022.102408>. **IF. 5.263.**
22. J. Nisar, M. Sharaf, G. Ali, Z. H. Farooqi, M. Iqbal, S. Khan (2022) Pyrolysis of juice‑squeezed grapefruit waste: efect of nickel oxide on kinetics and bio‑oil yield. International Journal of Environmental Science and Technology. <https://doi.org/10.1007/s13762-021-03841-x>. **IF. 2.86.**
23. Javed Nawab, Zia Ud Din, Shah Faisal, Sardar Khan, Abid Ali, Ziaur Rahman, Mehboob Alam, Amir Zeb Khan, Muhammad Amjad Khan, Khalid Khan, Attaullah Khan (2021) Farmlands degradation with conventional agricultural practices and human health risk assessment: A case-study of Punjab Province, Pakistan. Land Degradation and Development. 2021; 1–16. DOI: 10.1002/ldr.4051 **IF. 3.775.**
24. Juma Muhammad . Ping Xu . Sardar Khan . Jian Qiang Su . Tasneem Sarwar . Shahla Nazneen . Alamgir Khan (2021). Arsenic contribution of poultry manure towards soils and food plants contamination and associated cancer risk in Khyber Pakhtunkhwa, Pakistan. Environ Geochem Health. [https://doi.org/10.1007/s10653-021-01096-6(0123456789](https://doi.org/10.1007/s10653-021-01096-6%280123456789).  **IF 4.609.**
25. Sehrish Nigar, Shahla Nazneen, Sardar Khan, Neelum Ali and Tasneem Sarwar (2021) Response of *Vigna radiata* L. (Mung Bean) to Ozone Phytotoxicity Using Ethylenediurea and Magnesium Nitrate. Journal of Plant Growth Regulation, <https://doi.org/10.1007/s00344-021-10535-8> ***IF. 4.170*.**
26. Jan Nisar, Ghulam Ali, Afzal Shah, Zahoor Hussain Farooqi, Munawar Iqbal, Sardar Khan, Syed Tufail Hussain Sherazi, Sirajuddin (2021) Production of Fuel Oil and Combustible Gases from Pyrolysis of Polystyrene Waste: Kinetics and Thermodynamics Interpretation Environmental Technology & Innovation DOI: <https://doi.org/10.1016/j.eti.2021.101996>. ***IF. 5.263*.**
27. Muhammad Ziad, Sardar Khan, Rashid Miandad, Gohar Ali, Muhammad Zaffar Hashmi and Zulkifl Ahmed (2021) Assessment of plastic waste generation and its feasibility for establishment of plastic waste refinery. Arabian Journal of Geosciences (2021) 14:1974 <https://doi.org/10.1007/s12517-021-08328-0>. ***IF. 1.828*.**
28. Shehla Amin, Sardar Khan, Tasneem Sarwar, Javed Nawab, Muhammad Amjad Khan (2021) Mercury methylation and its accumulation in rice and paddy soil in degraded lands: A critical review. Environmental Technology & Innovation. <https://doi.org/10.1016/j.eti.2021.101638>. ***IF. 5.263*.**
29. Javed Nawab, Zia Ud Din, Riaz Ahmad, Sardar Khan, Mazhar Iqbal Zafar, Shah Faisal, Waleed Raziq, Hamza Khan, Zia Ur Rahman, Abid Ali, Muhammad Qayash Khan, Sajid Ullah and Abdur Rahman (2021) Occurrence, distribution, and pollution indices of potentially toxic elements within the bed sediments of the riverine system in Pakistan. Environmental Science and Pollution Research. https://doi.org/10.1007/s11356-021-14783-9. ***IF 5.19.***
30. Tasneem Sarwar, Sardar Khan, Said Muhammad, Shehla Amin (2021) Arsenic speciation, mechanisms, and factors affecting rice uptake and potential human health risk: A systematic review. Environmental Technology & Innovation 22(2):101392. DOI:[10.1016/j.eti.2021.101392](https://www.researchgate.net/deref/http%3A//dx.doi.org/10.1016/j.eti.2021.101392?_sg%5B0%5D=ByIr2n4rvAMLmnJCN_4j93Jg5hTDFKHGiXiHbxVKSmz25BkBa7lrm0pNGhOKZ3uv_rMH1zJVJJh0JwB5COvINq1Neg.MRPrrcZtUERu_SkwzBm05RLgR0HyofwzPj2OnjDvnyCWEYRUsvNdoCdogXxX2Oi1D8tJuV1uac78NbqNm4yfcQ). ***IF. 5.263*.**
31. Muhammad Aamir, Shanshan Yin, Yingxue Liu, Habib Ullah, Sardar Khan, Weiping Liu (2020) Dietary exposure and cancer risk assessment of the Pakistani population exposed to polycyclic aromatic hydrocarbons. Science of the Total Environment, <https://doi.org/10.1016/j.scitotenv.2020.143828> ***IF 7.963***
32. [Abdur Rashid, Muhammad Ayub, Asif Javed, Sardar Khan, Xubo Gao, Chengcheng Li, Zahid Ullah,](https://www.sciencedirect.com/science/article/pii/S1674987120302681#!) [Tariq Sardar, Juma Muhammad, Shahla Nazneen](https://www.sciencedirect.com/science/article/pii/S1674987120302681#!) (2020) Potentially harmful metals,  and health risk evaluation in groundwater of Mardan, Pakistan: Application of geostatistical approach and geographic information system accepted in Geoscience Frontiers ***IF 6.853***
33. [Inayat ur Rehman](https://www.sciencedirect.com/science/article/abs/pii/S2352186420314553#!), [Muhammad Ishaq, Said Muhammad, Imran UdDin, Sardar Khan, Muhammad Yaseen](https://www.sciencedirect.com/science/article/abs/pii/S2352186420314553#!) (2020) Evaluation of arsenic contamination and potential risks assessment through water, soil and rice consumption. Environmental Technology & Innovation  20:101155 DOI:[10.1016/j.eti.2020.101155](https://www.researchgate.net/deref/http%3A//dx.doi.org/10.1016/j.eti.2020.101155?_sg%5B0%5D=3JEGWEictF27DoH_mn0pKhWI9XJ0pyvTcJjggn8j2555TO15ZMw_UoKM2Si26uBqG6yha399_Xs5HSGeQvYiayBRSQ.nnixH-aTWRsOFk_CNrtnhSDVuU2GjZjx-TDF8f_c7JjuiO2aHOpS5gYNEePjXFtMqH051xk4187JnwuzypRhKg) ***IF.*** ***5.263***.
34. Amir Zeb Khan, Sardar Khan, Said Muhammad, Shams Ali Baig, Abdullah Khan, Muhammad Jamal Nasir, Madiha Azhar and Alia Naz (2021) Lead contamination in shooting range soils and its phytoremediation in Pakistan: a greenhouse experiment. Arabian Journal of Geosciences (2021) 14:4 [https://doi.org/10.1007/s12517-020-06301-x ***IF 1.827***](https://doi.org/10.1007/s12517-020-06301-x%20IF%201.827)
35. Xinwei Yu, Sardar Khan, Anwarzeb Khan, Yuting Tang, Luis M. Nunes, Jianbo Yan, Xingqian Ye, Gang Li (2020) Methyl mercury concentrations in seafood collected from Zhoushan Islands, Zhejiang, China, and their potential health risk for the fishing community Capsule: Methyl mercury in seafood causes potential health risk. Environment International 137 (2020) 105420. <https://doi.org/10.1016/j.envint.2019.105420> ***IF 9.621***
36. Fazli Aziz, Islamud Din, Sardar Khan, Ghulam Mustaf, Mumtaz Khan, Juma Muhammad, Abdullah Jalal (2020) Defluoridation of water using Dodonaea viscosa leaf powder: A study of adsorption isotherms. Fluoride 53:90-96. ***IF 1.224.***
37. Alia Naz, Sardar Khan, Said Muhammad, Rafiq Ahmad, Salma Khalid, Abdullah Khan, Rashid Nazir, Sadia Alam, Zia ur Rahman (2020) Risk assessment of hazardous elements in wastewater irrigated soil and cultivated vegetables in Pakistan. Accepted in *Arabian Journal of Geosciences* <https://doi.org/10.1007/s12517-020-06216-7> ***IF 1.827.***
38. Shuquan Jin, Muhammad Ibrahim, Said Muhammad, Sardar Khan & Gang Li (2020) Light intensity effects on the growth and biomass production of submerged macrophytes in different water strata. Arabian Journal of Geosciences (2020) 13:948 https://doi.org/10.1007/s12517-020-05924-4 ***IF 1.827.***
39. Sehrish Khan, Shahla Nazneen, Sardar Khan, Neelum Ali (2020) Effects of ozone phytotoxicity in reducing the yield and nutritional quality of Chilli (*Capsicum Annum*.L.). Accepted in Environmental Science and Pollution Research h <https://doi.org/10.1007/s11356-020-11139-7> ***IF 5.19.***
40. Zawar Hussain,  Mehboob Alam, Muhammad Amjad Khan, Muhammad Asif, Muhammad Azhar Shah, Shehnaz Khan, Sardar Khan & Javed Nawab (2020). Bioaccumulation of potentially toxic elements in spinach grown on contaminated soils amended with organic fertilizers and their subsequent human health risk. Arabian Journal of Geosciences 13(18):945. DOI: [10.1007/s12517-020-05938-y](https://www.researchgate.net/deref/http%3A//dx.doi.org/10.1007/s12517-020-05938-y?_sg%5B0%5D=XoprcBdVhGeyiG-NVFs7IjR4q3K4qSmO4pdMYZQOPWf2o_J1VRHrR73WkEdjI3h2GBFWAsnXvCxK_Orz7sagwEKdcQ.zL9or-CZo-JbbYR7Ujl8047TFgyBLOxnJQ4Ybz6S6e2W_ZbxqNUjF5-pEc7pX5j7hsQ_futQkIXdiiZ35Iydww) ***IF 1.827.***
41. [Juma Muhammad, Sardar Khan, Ming Lei, Muhammad Amjad Khan, Javed Nawab AbdurRashid, Sami Ullah and Syed BilalKhisro](https://www.sciencedirect.com/science/article/abs/pii/S2352186419309277#!) (2020) Application of poultry manure in agriculture fields leads to food plant contamination with potentially toxic elements and causes health risk. [Environmental Technology & Innovation](https://www.sciencedirect.com/science/journal/23521864). [Volume 19](https://www.sciencedirect.com/science/journal/23521864/20/supp/C), 2020 100909 ***IF. 5.263.***
42. Shah Jehan, Ihsan Ullah, Sardar Khan, Said Muhammad, Seema Anjum Khattak and Tariq Khan (2020) Evaluation of the Swat River, Northern Pakistan, water quality using multivariate statistical techniques and water quality index (WQI) model. Environmental Science and Pollution Research (2020) 27:38545–38558. ***IF 5.19.***
43. Isha Shamshad, Sardar Khan, Said Muhammad, Muhammad Waqas (2020) Unrevealing the biosorption capacity of freshwater algae biomasses for toxic heavy metals in aqueous solutions. Desalination and Water Treatment, 184 (2020) 189–198. ***IF 1.254.***
44. [Juma Muhammad](https://link.springer.com/search?facet-creator=%22Juma+Muhammad%22), [Sardar Khan](https://link.springer.com/search?facet-creator=%22Sardar+Khan%22), [Jian Qiang Su](https://link.springer.com/search?facet-creator=%22Jian+Qiang+Su%22), Abd El-Latif Hesham, Allah Ditta, Javed Nawab & Abid Ali  (2020) [Antibiotics in poultry manure and their associated health issues: a systematic review](https://link.springer.com/article/10.1007/s11368-019-02360-0) [Journal of Soils and Sediments](https://link.springer.com/journal/11368) volume 20, pages 486–497(2020) ***IF 3.308.***
45. Anwarzeb Khan, Sardar Khan, Ming Lei, Mehboob Alam and Ajmal Khan (2020) [Biochar characteristics, applications and importance in health risk reduction through metal immobilization](https://www.sciencedirect.com/science/article/pii/S2352186420314218) [Environmental Technology & Innovation](https://www.sciencedirect.com/science/journal/23521864). [Volume 20](https://www.sciencedirect.com/science/journal/23521864/20/supp/C), November 2020, 101121. <https://doi.org/10.1016/j.eti.2020.101121> ***IF 5.263.***
46. Jawad Ali , Sardar Khan, Anwarzeb Khan, Muhammad Waqas and Muhammad Jamal Nasir (2020) Contamination of soil with potentially toxic metals and their bioaccumulation in wheat and associated health risk. Accepted in Environmental Monitoring and Assessment. ***IF 3.307.***
47. [Shahla Nazneen](https://link.springer.com/article/10.1007/s11356-020-08655-x?wt_mc=Internal.Event.1.SEM.ArticleAuthorOnlineFirst#auth-1), [Ali Raza](https://link.springer.com/article/10.1007/s11356-020-08655-x?wt_mc=Internal.Event.1.SEM.ArticleAuthorOnlineFirst#auth-2) & [Sardar Khan](https://link.springer.com/article/10.1007/s11356-020-08655-x?wt_mc=Internal.Event.1.SEM.ArticleAuthorOnlineFirst#auth-3) (2020) Assessment of noise pollution and associated subjective health complaints and psychological symptoms: analysis through structure equation model. Environmental Science and Pollution Research DOI 10.1007/s11356-020-08655-x ***IF 5.19.***
48. Amir Zeb Khan, Sardar Khan, Muhammad Amjad Khan, Mehboob Alam, Tehreem Ayaz (2020) Biochar reduced the uptake of toxic heavy metals and their associate health risk via rice (Oryza sativa L.) grown in Cr-Mn mine contaminated soils. Accepted ETI\_100590: Journal title: Environmental Technology & Innovation. ***IF 5.263.***
49. Amir Zeb Khan, Xiaodong Ding, Sardar Khan, Tehreem Ayaz, Rivka Fidel, Muhammad Amjad Khan (2019) Biochar efficacy for reducing heavy metals uptake by Cilantro (*Coriandrum sativum*) and spinach (*Spinaccia oleracea*) to minimize human health risk, Chemosphere DOI <https://doi.org/10.1016/j.chemosphere.2019.125543> ***IF 8.943.***
50. Sarib Jadoon, Said Muhammad, Zakir Hilal, Muhammad Ali, Sardar Khan, Nimat Ullah Khattak (2020) Spatial distribution of potentially toxic elements in urban soils of Abbottabad city, (N Pakistan): Evaluation for potential risk. Microchemical Journal, 153 104489 <https://doi.org/10.1016/j.microc.2019.104489> Impact factor ***4.821.***
51. Abdur Rashid, Sardar Khan, Muhammad Ayub, Tariq Sardar, Shah Jehan, Salman Zahir, Muhammad Sufaid Khan, Juma Muhammad, Raees Khan, Abas Ali, Haseeb Ullah (2019) Mapping human health risk from exposure to potential toxic metal contamination in groundwater of Lower Dir, Pakistan: Application of multivariate and geographical information system. Chemosphere 225, 785-795 ***IF 8.943.***
52. Miao Liu, Yuxin Xu, Javed Nawab, Ziaur Rahman, Sardar Khan, Muhammad Idress, Zia Uddin, Abid Ali, Riaz Ahmad, Said Akbar Khan, Asad Khan, Muhammad Qayash Khan, Yu-TingTang, Gang Li (2020) Contamination features, geo-accumulation, enrichments and human health risks of toxic heavy metal(loids) from fish consumption collected along Swat river, Pakistan. Environmental Technology & Innovation 17, 100554. <https://doi.org/10.1016/j.eti.2019.100554> ***IF 5.263.***
53. Tehreem Ayaz, Sardar Khan, Amir Zeb Khan, Ming Lei, Mehboob Alam (2019) Remediation of Industrial Wastewater Using Four Hydrophyte Species: A Comparison of Individual (Pot experiments) and Mix Plants (Constructed wetland). Accepted in Journal of Environmental Management. Reference: YJEMA\_109833 and Article Number: 109833. ***Impact Factor 6.789.***
54. Shahid Ali, Sardar Khan, Shahid Ali, Said Muhammad, Bushra Khan, Abid Ali, Abdul L. Hesham, Shaheen Begum (2019). "Bacterial contamination in drinking water of urban Peshawar: A comparative study at the sources and user points of tube wells" TDWT-2019-0639.R1 accepted in Desalination and Water Treatment. ***Impact Factor 1.254.***
55. Nayab Gul et al. (2019) Quantification of Organic and In-Organic Mercury by Biological Monitoring in Fluorescent Lamp Industries Workers and its Associated Health Risk accepted in Biomedical and Environmental Sciences. ***Impact Factor 3.118.***
56. Abid Ali, Munsif Ali Khan, Hafsa Zahid, Pir Muhammad Yaseen, Muhammad Qayash Khan, Javed Nawab, Zia Ur Rehman, Muhammad Ateeq, Sardar Khan and Mohammad Ibrahim (2019) Seasonal Dynamics, Record of Ticks Infesting Humans, Wild and Domestic Animals and Molecular Phylogeny of Rhipicephalus microplus in Khyber Pakhtunkhwa, Pakistan. Frontiers in Physiology. doi: 10.3389/fphys.2019.00793. ***Impact Factor 4.566.***
57. Ubaid ur Rehaman, Sardar Khan\*, Said Muhammad (2019) Ingestion of arsenic contaminated drinking water leads to health risk and traces in human biomarkers (hair, nails, blood and urine), Pakistan Accepted in Exposure and Health. ***Impact Factor 8.835.***
58. [Iqbal Ahmad,](https://www.sciencedirect.com/science/article/pii/S1309104218307645?via%3Dihub#!) [Bushra Khan,](https://www.sciencedirect.com/science/article/pii/S1309104218307645?via%3Dihub#!) [Sardar Khan,](https://www.sciencedirect.com/science/article/pii/S1309104218307645?via%3Dihub#!) [Zia ur Rahman, Muhammad Amjad Khan, Nida Gul (2019)](https://www.sciencedirect.com/science/article/pii/S1309104218307645?via%3Dihub#!) Airborne PM10 and lead concentrations at selected traffic junctions in Khyber Pakhtunkhwa, Pakistan: Implications for human health. Atmospheric Pollution Research. <https://doi.org/10.1016/j.apr.2019.03.003>. ***Impact Factor 4.352.***
59. Shah Jehan, Sardar Khan, Seema Anjum Khattak, Said Muhammad, Abdur Rashid, Nisar Muhammad (2019) Hydrochemical properties of drinking water and their sources apportionment of pollution in Bajaur Agency, Pakistan. Measurement. <https://doi.org/10.1016/j.measurement.2019.02.090>. ***IF 3.927.***
60. [Shah Jehan](https://www.tandfonline.com/author/Jehan%2C%2BShah), [Seema Anjum Khattak](https://www.tandfonline.com/author/Khattak%2C%2BSeema%2BAnjum),[Said Muhammad](https://www.tandfonline.com/author/Muhammad%2C%2BSaid),[Rafiq Ahmad](https://www.tandfonline.com/author/Ahmad%2C%2BRafiq),[Muhammad Farooq](https://www.tandfonline.com/author/Farooq%2C%2BMuhammad),[Sardar Khan](https://www.tandfonline.com/author/Khan%2C%2BSardar),[Abdullah Khan](https://www.tandfonline.com/author/Khan%2C%2BAbdullah), [Liaqat Ali](https://www.tandfonline.com/author/Ali%2C%2BLiaqat) (2019). Ecological and health risk assessment of heavy metals in the Hattar industrial estate, Pakistan. Toxin reviews. <https://doi.org/10.1080/15569543.2018.1478858>. ***IF 4.266.***
61. Neelum Ali, Sardar Khan, Huaiying Yao and Juan Wang (2019) [Biochars reduced the bioaccessibility and (bio)uptake of organochlorine pesticides and changed the microbial community dynamics in agricultural soils](https://www.sciencedirect.com/science/article/pii/S004565351930387X). [Chemosphere](https://www.sciencedirect.com/science/journal/00456535), 224:805-815. ***Impact Factor 8.943***
62. Neelum Ali, Sardar Khan, Muhammad Amjad Khan, Muhammad Waqas and Huaiying Yao (2019) [Endocrine disrupting pesticides in soil and their health risk through ingestion of vegetables grown in Pakistan](https://link.springer.com/article/10.1007/s11356-019-04287-y). Environmental Science and Pollution Research https://doi.org/10.1007/s11356-019-04287-y. ***Impact Factor 5.19.***
63. Neelum Ali, Sardar Khan, Yaying Li, Ningguo Zheng, Huaiying Yao (2019) Influence of Biochars on the Accessibility of Organochlorine Pesticides and Microbial Community in Contaminated Soils. Science of the Total Environment 647, 551-560. ***Impact Factor 7.963.***
64. Neelum Ali, Kalsoom, Sardar Khan, Ihsanullah, Inayat ur Rahman, Said Muhammad (2018). Human Health Risk Assessment Through Consumption of Organophosphate Pesticide Contaminated Water of Peshawar Basin, Pakistan. Expo Health (2018) 10:259–272. . **IF 11.422.**
65. Ubaid Ur Rehaman, Muhammad Waqas, Sardar Khan, Said Muhammad (2018). Associations of potentially toxic elements (PTEs) in drinking water and human biomarkers: a case study from five districts of Pakistan. [Environmental Science and Pollution Research](https://link.springer.com/journal/11356), 25, ([28](https://link.springer.com/journal/11356/25/28/page/1)) 27912–27923. ***Impact Factor 5.19.***
66. [Abdur Rashid](https://www.sciencedirect.com/science/article/pii/S0048969718312282#!), [Dong-Xing Guan,](https://www.sciencedirect.com/science/article/pii/S0048969718312282#!) [Abida Farooqi, Sardar Khan, Salman Zahir, Shah Jehan](https://www.sciencedirect.com/science/article/pii/S0048969718312282#!), [Seema Anjum Khattak, Muhammad Sufaid Khan,](https://www.sciencedirect.com/science/article/pii/S0048969718312282#!)  and [Raees Khan](https://www.sciencedirect.com/science/article/pii/S0048969718312282#!) (2018). Fluoride prevalence in groundwater around a fluorite mining area in the flood plain of the River Swat, Pakistan. Science of the Total Environment, [635](https://www.sciencedirect.com/science/journal/00489697/635/supp/C), 203-215. ***Impact Factor 7.963.***
67. Muhammad Amjad Khan , Xiaodong Ding, Sardar Khan, Mark L. Brusseau , Anwarzeb Khan , Javed Nawab (2018) The influence of various organic amendments on the bioavailability and plant uptake of cadmium present in mine-degraded soil. Science of the Total Environment 636, 810-817. ***Impact Factor 7.963.***
68. Iqbal Ahmad, Bushra Khan, Sardar Khan, Muhammad Tariq Khan, Arthur Paul Schwab (2018) [Assessment of lead exposure among automobile technicians in Khyber Pakhtunkhwa, Pakistan](https://www.sciencedirect.com/science/article/pii/S0048969718309203). [Science of The Total Environment](https://www.sciencedirect.com/science/journal/00489697), 633, 293-299. ***Impact Factor 7.963.***
69. Khan A, Shams S, Khan, S, KI Khan, S Khan, Ali A (2018) Evaluation of prevalence and risk factors associated with Cryptosporidium infection in rural population of district Buner, Pakistan accepted in Plos One. ***Impact Factor 3.240.***
70. [Zahir Ur REHMAN](https://www.sciencedirect.com/science/article/pii/S1002016017604405#!), [Sardar KHAN, Mohammad Tahir SHAH](https://www.sciencedirect.com/science/article/pii/S1002016017604405#!), [,](https://www.sciencedirect.com/science/article/pii/S1002016017604405#!) [Said Akbar KHAN and JonMAINHAGU](https://www.sciencedirect.com/science/article/pii/S1002016017604405#!) (2018) Transfer of Heavy Metals from Soils to Vegetables and Associated Human Health Risks at Selected Sites in Pakistan, Pedosphere [28 (4](https://www.sciencedirect.com/science/journal/10020160/28/4)), Pages 666-679. ***Impact Factor 3.911.***
71. Javed Nawab, Sardar Khan, Wang Xiaoping (2018) Ecological and Health Risk Assessment of Potentially Toxic Elements in the Major Rivers of Pakistan: General Population vs. Fishermen. Chemosphere, 202:154-164. ***Impact Factor 8.943.***
72. Gang Li, Sardar Khan, Muhammad Ibrahim, Tian-Ran Sun, Jian-Feng Tang, James B. Cotner, Yao-Yang Xu (2018). Biochars induced modification of dissolved organic matter (DOM) in soil and its impact on mobility and bioaccumulation of arsenic and cadmium. Journal of Hazardous Materials 348 (2018) 100-108. ***IF 10.588.***
73. Javed Nawab, Junaid Ghani, Sardar Khan, Wang Xiaoping (2018) Minimizing the risk to human health due to the ingestion of arsenic and toxic metals in vegetables by the application of biochar, farmyard manure and peat moss. Journal of Environmental Management, 214:172-183. ***IF 6.789.***
74. Faizan Ur Rehman Qaiser, Fan Zhang, Ramesh Raj Pant, Guanxing Wang, Sardar Khan, Zeng Chen (2018) Spatial Variation, Source Identification and Quality Assessment of Surface Water Geochemical Composition in the Indus Basin Pakistan. Accepted in Environmental Science and Pollution Research. ***IF 5.19.***
75. Inayat ur Rehman, Muhammad Ishaq, Liaqat Ali, Sardar Khan, Imtiaz Ahmad, Imran Ud Din and Hameed Ullah (2018) Enrichment, spatial distribution of potential ecological and human health risk assessment via toxic metals in soil and surface water ingestion in the vicinity of Sewakht mines, district Chitral, Northern Pakistan. Ecotoxicology and Environmental Safety,154:127-136. ***IF 6.291.***
76. Zahir Ur REHMAN, Sardar KHAN, Mohammad Tahir SHAH, Mark L BRUSSEAU, Said Akbar KHAN, Jon MAINHAGU (2018) Transfer of Heavy Metals from Soils to Vegetables and Associated Human Health Risk in Selected Sites in Pakistan. Pedosphere. [28: 4](https://www.sciencedirect.com/science/journal/10020160/28/4), Pages 666-679. ***Impact Factor: 3.911.***
77. Javed Nawab, Junaid Ghani, Sardar Khan, Wang Xiaoping (2018) Minimizing the risk to human health due to the ingestion of arsenic and toxic metals in vegetables by the application of biochar, farmyard manure and peat moss. Accepted in Environmental Science and Pollution Research. ***IF 5.19.***
78. Gang Li, Sardar Khan, Muhammad Ibrahim, Tian-Ran Sun, Jian-Feng Tang, James B. Cotner, Yao-Yang Xu 2018. Biochars induced modification of dissolved organic matter (DOM) in soil and its impact on mobility and bioaccumulation of arsenic and cadmium. Journal of Hazardous Materials 348 (2018) 100-108. ***IF 10.588.***
79. Muhammad Aamir, Sardar Khan, Gang Li (2017) Dietary exposure to HCH and DDT congeners and their associated cancer risk based on Pakistani food consumption. Environmental Science and Pollution Research. 25: 8465–8474. ***IF 5.19.***
80. Javed Nawab, Sardar Khan, Wang Xiaoping, Abdur Rahman, Haider Ali, Zahir Qamar, Zar Ali Khan, Zia ur Rehman, Hazir Rahman, Juma Muhammad, Asad Khan, and Izaz Ali Shah (2017) Spatial distribution of toxic metals in drinking water sources and their associated health risk in district buner, Northern Pakistan. Accepted in HUMAN AND ECOLOGICAL RISK ASSESSMENT. <https://doi.org/10.1080/10807039.2017>. 1395684 ***IF 5.190.***
81. [Muhammad Amjad Khan](http://www.sciencedirect.com/science/article/pii/S004565351731888X#!), [Sardar Khan, Xiaodong Ding, Anwarzeb Khan](http://www.sciencedirect.com/science/article/pii/S004565351731888X#!) [Mehboob Alam](http://www.sciencedirect.com/science/article/pii/S004565351731888X#!) 2018. The effects of biochar and rice husk on adsorption and desorption of cadmium on to soils with different water conditions (upland and saturated). [Chemosphere](http://www.sciencedirect.com/science/journal/00456535). [193](http://www.sciencedirect.com/science/journal/00456535/193/supp/C), 1120-1126. <https://doi.org/10.1016/j.chemosphere.2017.11.110> ***Impact Factor 8.943.***
82. Arjumand Riaz, Sardar Khan, Said Muhammad, Caihong Liu, Mohammad Tahir Shah, Mohsin Tariq (2017). Mercury contamination in selected foodstuffs and potential health risk assessment along the artisanal gold mining, Gilgit-Baltistan, Pakistan. Environ Geochem Health. DOI 10.1007/s10653-017-0007-6 ***IF 4.609.***
83. Muhammad Aamir, Sardar Khan, Lili Niu, Siyu Zhu and Anwarzeb Khan (2017) Occurrence, enantiomeric signature and ecotoxicological risk assessment of HCH isomers and DDT metabolites in the sediments of Kabul River, Pakistan. Environmental Geochemistry and Health. Environ Geochem Health 39:779-790. ***IF 4.898.***
84. Zahir Qamar, Sardar Khana, Anwarzeb Khan, Muhammad Aamir, Javed Nawab, Muhammad Waqas (2017) Appraisement, source apportionment and health risk of polycyclic aromatic hydrocarbons (PAHs) in vehicle-wash wastewater, Pakistan. Science of the Total Environment. 605-606, 106–113. ***IF. 7.963.***
85. Muhammad Amjad Khan, Sardar Khan, Anwarzeb Khan, Mehboob Alam (2017) Soil contamination with cadmium, consequences and remediation using organic amendments. Science of the Total Environment 601–602, 1591–1605 ***IF. 7.963.***
86. Muhammad Sajjad, Sardar Khan, Shams Ali Baig, Saduf Munir, Alia Naz, Sheikh Saeed Ahmad, Anwarzeb Khan, (2017) Removal of potentially toxic elements from aqueous solutions and industrial wastewater using activated carbon. Water Science and Technology, 75.11, 2571-2579. DOI: 10.2166/wst.2017.130 ***IF 1.915.***
87. Sardar Khan, Isha Shamshad, Muhammad Waqas, Javed Nawab, Lie Ming (2017) [Remediating industrial wastewater containing potentially toxic elements with four freshwater algae](http://www.sciencedirect.com/science/article/pii/S0925857417301052). Ecological Engineering, 102, 536-541 ***IF 4.035.***
88. Zahir Ur Rehman, Sardar Khan, Mohammad Tahir Shah, Mark L Brusseau, Said Akbar Khan, Jon Mainhagu (2017) Transfer of Heavy Metals from Soils to Vegetables and Associated Human Health Risk in Selected Sites in Pakistan. Pedosphere accepted [https://doi.org/10.1016/S1002-0160(17)60440-5](https://doi.org/10.1016/S1002-0160%2817%2960440-5) ***Impact Factor: 3.911.***
89. Arjumand Riaz, Sardar Khan, Said Muhammad, Caihong Liu, Mohammad Tahir Shah, Mohsin Tariq (2017). Mercury contamination in selected foodstuffs and potential health risk assessment along the artisanal gold mining, Gilgit-Baltistan, Pakistan. Environ Geochem Health. DOI 10.1007/s10653-017-0007-6 Impact Factor: ***IF 4.609.***
90. Zahir Qamar, Sardar Khana, Anwarzeb Khan, Muhammad Aamir, Javed Nawab, Muhammad Waqas (2017) Appraisement, source apportionment and health risk of polycyclic aromatic hydrocarbons (PAHs) in vehicle-wash wastewater, Pakistan. Science of the Total Environment. 605-606, 106–113. ***Impact Factor: 7.963.***
91. Muhammad Amjad Khan, Sardar Khan, Anwarzeb Khan, Mehboob Alam (2017) Soil contamination with cadmium, consequences and remediation using organic amendments. Science of the Total Environment 601–602, 1591–1605 ***Impact Factor: 7.963.***
92. Muhammad Sajjad, Sardar Khan, Shams Ali Baig, Saduf Munir, Alia Naz, Sheikh Saeed Ahmad, Anwarzeb Khan, (2017) Removal of potentially toxic elements from aqueous solutions and industrial wastewater using activated carbon. Water Science and Technology, 75.11, 2571-2579. DOI: 10.2166/wst.2017.130 ***Impact Factor 1.915.***
93. Sardar Khan, Isha Shamshad, Muhammad Waqas, Javed Nawab, Lie Ming (2017) [Remediating industrial wastewater containing potentially toxic elements with four freshwater algae](http://www.sciencedirect.com/science/article/pii/S0925857417301052). Ecological Engineering, 102, 536-541. ***Impact Factor 4.035.***
94. Zahir Ur Rehman, Sardar Khan, Mark L Brusseau, Mohammad Tahir Shah (2017) Lead and cadmium contamination and exposure risk assessment via consumption of vegetables grown in agricultural soils of five-selected regions of Pakistan. Chemosphere, 168, 1589-1596. ***Impact Factor 8.943.***
95. Muhammad Aamir, Sardar Khan, Lili Niu, Siyu Zhu and Anwarzeb Khan (2017) Occurrence, enantiomeric signature and ecotoxicological risk assessment of HCH isomers and DDT metabolites in the sediments of Kabul River, Pakistan. Environmental Geochemistry and Health. 39; 779-790. DOI 10.1007/s10653-016-9847-8 Impact Factor ***IF 4.898.***
96. Javed Nawab, Sardar Khan, Mehboob Shah, Sharafat Ali (2016). Potentially toxic metals and biological contamination in drinking water sources in chromite mining impacted areas of Khyber Puktunkhwa Pakistan: A comparative study. Exposure and Health accepted. ***IF 8.835.***
97. Javed Nawab, Sardar Khan, Sharafat Ali, Hassan Sher, Ziaur Rahman, Kifayatullah Khan, Jianfeng Tang, Aziz Ahmad (2016) Health Risk Assessment of Heavy Metals and Bacterial Contamination in Drinking Water Sources: A Case Study of Malakand Agency, Pakistan. Environmental Monitoring and Assessment 188:286, 1-12 DOI 10.1007/s10661-016-5296-1 ***IF 3.307.***
98. Fuxia Pan, Yaying Li, Stephen James Chapman, Sardar Khan, Huaiying Yao, (2016). Microbial utilization of rice straw and its derived biochar in a paddy soil. Science of the Total Environment. 559, 15-23. ***IF 7.963.***
99. Javed Nawab, Gang Li, Sardar Khan, Hassan Sher, Muhammad Aamir, Isha Shamshad, Anwarzeb Khan, Muhammad Amjad Khan (2016) Health risk assessment from contaminated foodstuffs: A field study in chromite mining affected areas northern Pakistan. Environmental Science and Pollution Research. doi:10.1007/s11356-016-6379-9. IF ***5.19.***
100. Jianfeng Tang, Xinhu Li, Yan Luo, Gang Li, Sardar Khan (2016) Spectroscopic characterization of dissolved organic matter derived from different biochars and their polycylic aromatic hydrocarbons (PAHs) binding affinity. Chemosphere, 152, 399-406. 10.1016/j.chemosphere.2016.03.016 ***IF 8.943.***
101. Sardar Khan, Sadaf Munir, Muhammad Sajjad, Gang Li (2016) Urban park soil contamination by potentially harmful elements and human health risk in Peshawar City, Khyber Pakhtunkhwa, Pakistan. Journal of Geochemical Exploration. DOI 10.1016/j.gexplo.2016.03.007. ***IF 3.746.***
102. Javed Nawab, Gang Li, Sardar Khan, Hassan Sher, Muhammad Aamir, Isha Shamshad, Anwarzeb Khan, Muhammad Amjad Khan (2016) Health risk assessment from contaminated foodstuffs: A field study in chromite mining affected areas northern Pakistan. Environmental Science and Pollution Research. Online available ***IF 5.19.***
103. Jianfeng Tang, Xinhu Li, Yan Luo, Gang Li, Sardar Khan (2016) Spectroscopic characterization of dissolved organic matter derived from different biochars and their polycylic aromatic hydrocarbons (PAHs) binding affinity. Chemosphere, 10.1016/j.chemosphere.2016.03.016 ***IF 8.943.***
104. Zahir Ur Rehman, Sardar Khan, Kun Qin, Mark L. Brusseau, Mohammad Tahir Shah, Islamud Din (2016) Quantification of inorganic arsenic exposure and cancer risk via consumption of vegetables in southern selected districts of Pakistan. Science of the Total Environment 550, 321-329. ***IF 7.963.***
105. Qiming Cheng, Qing Huanga, Sardar Khan, Yingjie Liu, Zhenni Liao, Gang Li, Yong Sik Ok (2016) Adsorption of Cd by peanut husks and peanut husk biochar from aqueous solutions. Ecological Engineering. 87: 240-245. ***IF 4.035.***
106. Anwarzeb Khan, Sardar Khan, Mehboob Alam, Muhammad Amjad Khan, Muhammad Aamir, Zahir Qamar, Zahir Ur Rehman, Sajida Perveen (2016) Toxic metal interactions affect the bioaccumulation and dietary intake of macro-and micro-nutrients. Chemosphere 146, 121-128. ***IF 8.943.***
107. Muhammad Aamir, Sardar Khan, Javed Nawab, Zahir Qamar, Anwarzeb Khan (2016) Tissue distribution of HCH and DDT congeners and human health risk associated with consumption of fish collected from Kabul River, Pakistan. Ecotoxicology and Environmental Safety, 125,128-134. ***IF 6.291.***
108. Arjumand Riaz , Sardar Khan, Mohammad Tahir Shah, Gang Li, Nayab Gul, Isha Shamshad (2016) Mercury contamination in the blood, urine, hair and nails of the gold washers and its human health risk during extraction of placer gold along Gilgit, Hunza and Indus rivers in Gilgit-Baltistan, Pakistan. Environmental Technology & Innovation 5, 22–29 ***IF 5.263.***
109. Bushra Khan, Habib Ullah, Sardar Khan, Muhammad Aamir, Anwarzeb Khan, and Wajid Khan (2016) Kabul River: The Role of Organic Matter in Metals Retention and Accumulation. Soil and Sediment Contamination. 25(8), 891–904. ***IF 2.061.***
110. Sardar Khan, Rabia Rauf, Said Muhammad, Muhammad Qasim, and Islamud Din 2015. Arsenic and heavy metals health risk assessment through drinking water consumption in the Peshawar District, Pakistan. Human And Ecological Risk Assessment. http://dx.doi.org/10.1080/10807039.2015.1083845 ***IF 5.190.***
111. Isha Shamshad, Sardar Khan, Muhammad Waqas, Maliha Asma, Javed Nawab, Nayab Gul, Arjumand Raiz, and Gang Li (2015) Heavy metal uptake capacity of fresh water algae (*Oedogonium westti*) from aqueous solution: A mesocosm research. International Journal of Phytoremediation, DOI:10.1080/15226514.2015. 1109594 ***IF 3.212.***
112. Javed Nawab, Sardar Khan, Muhammad Aamir, Isha Shamshad, Zahir Qamar, Islamud Din, Qing Huang (2016) Organic amendments impact the availability of heavy metal(loid)s in mine-impacted soil and their phytoremediation by *Penisitum americanum* and *Sorghum bicolor*. Environmental Science and Pollution Research. 23:2381-2390 DOI: 10.1007/s11356-015-5458-7. ***IF 5.19.***
113. Jianqiang Su, Weiying Ouyang, Youwei Hong, Dan Liao, Sardar Khan, Hu Li (2016) Responses of endophytic and rhizospheric bacterial communities of salt marsh plant (Spartina alterniflora) to polycyclic aromatic hydrocarbons contamination. Journal of Soils and Sediments. 16:707–715 DOI 10.1007/s11368-015-1217-0 ***IF 3.308.***
114. Hong Youwei, Liao Dan, Hu Anyi, Wang Han, Chen Jinsheng, Khan Sardar, Su Jian-Qiang, Li Hu (2015) Diversity of endophytic and rhizoplane bacterial communities associated with exotic Spartina alterniflora and native mangrove using Illumina amplicon sequencing. Canadian Journal of Microbiology, 61: 1-11. ***IF 2.419.***
115. Naz Alia, Khan Sardar, Muhammad Said, Khalid Salma, Alam Sadia, Siddique Sadaf , Ahmed Toqeer, and Scholz Miklas (2015) Toxicity and Bioaccumulation of Heavy Metals in Spinach (*Spinacia oleracea*) Grown in a Controlled Environment. Int. J. Environ. Res. Public Health 2015, 12, 7400-7416. ***IF 3.390.***
116. Sardar Khan, Irfan Ali Shah, Said Muhammad, Riffat Naseem Malik, and Mohammad Tahir Shah (2015) Arsenic and heavy metals health risk assessment through drinking water contamination in the Peshawar District, Pakistan. Human and Ecological Risk Assessment: An International Journal. 21: 1020-1031. ***IF 5.190.***
117. Javed Nawab, Sardar Khan, Mohammad Tahir Shah, Nayab Gul, Abid Ali, Kifayatullah Khan & Qing Huang (2015). Heavy Metal Bioaccumulation in Native Plants in Chromite Impacted Sites: A Search for Effective Remediating Plant Species. CLEAN-Soil, Air, Water, 43(9999), 1-10. ***IF 1.770.***
118. Javed Nawab, Sardar Khan, Mohammad Tahir Shah, Zahir Qamar, Islamud Din, Qaisar Mahmood, Nayab Gul & Qing Huang (2015). Contamination of soil, medicinal, and fodder plants with lead and cadmium present in mine-affected areas, Northern Pakistan. Environ Monit Assess 187(605)1-14. ***IF 2.513.***
119. Rabail Urooj, Sheikh Saeed Ahmad, Muhammad Nauman Ahmad And Sardar Khan (2015) Ordinal classification of vegetation along Mangla Dam, Mirpur, Ajk. Pakistan Journal of Botany, 47(4): 1423-1428. ***IF 0.972.***
120. Sardar Khan, Muhammad Waqas, Fenghua Ding, Isha Shamshad, Hans Peter H. Arpd, Gang Li (2015) The influence of various biochars on the bioaccessibility and bioaccumulation of PAHs and potentially toxic elements to turnips (*Brassica rapa* L). Journal of Hazardous Materials, 300:243-253. ***IF 10.588.***
121. Nayab Gul, Sardar Khan, Abbas Khan, Sheikh Saeed Ahmad (2015) Mercury health effects among the workers extracting gold from carpets and dusted-clays through amalgamation and roasting processes. [Environmental Science and Pollution Research](http://link.springer.com/journal/11356). DOI: 10.1007/s11356-015-4952-2 ***IF 5.19.***
122. Anwarzeb Khan, Sardar Khan, Muhammad Amjad Khan, Zahir Qamar, (2015) The uptake and bioaccumulation of heavy metals by food plants, their effects on plants nutrients and associated health risk: A review. [Environmental Science and Pollution Research](http://link.springer.com/journal/11356).22:13772-13799. ***IF 5.19.***
123. [Khisroon M](http://www.ncbi.nlm.nih.gov/pubmed/?term=Khisroon%20M%5BAuthor%5D&cauthor=true&cauthor_uid=25752658), [Khan A](http://www.ncbi.nlm.nih.gov/pubmed/?term=Khan%20A%5BAuthor%5D&cauthor=true&cauthor_uid=25752658), [Naseem M](http://www.ncbi.nlm.nih.gov/pubmed/?term=Naseem%20M%5BAuthor%5D&cauthor=true&cauthor_uid=25752658), [Ali N](http://www.ncbi.nlm.nih.gov/pubmed/?term=Ali%20N%5BAuthor%5D&cauthor=true&cauthor_uid=25752658), [Khan S](http://www.ncbi.nlm.nih.gov/pubmed/?term=Khan%20S%5BAuthor%5D&cauthor=true&cauthor_uid=25752658), [Rasheed SB](http://www.ncbi.nlm.nih.gov/pubmed/?term=Rasheed%20SB%5BAuthor%5D&cauthor=true&cauthor_uid=25752658). (2015) Evaluation of DNA damage in lymphocytes of radiology personnel by comet assay. [Journal of Occupational Health.](http://www.ncbi.nlm.nih.gov/pubmed/25752658) 57(3):268-74 ***IF 2.708.***
124. Abid Ali, Sardar Khan, Ijaz Ali, Shahid Karim, Itabajara Itabajara da Silva Vaz Jr, Carlos Termignoni (2015) Probing the functional role of tick metalloproteases. Physiological Entomology. [40 (3),](http://onlinelibrary.wiley.com/doi/10.1111/phen.2015.40.issue-3/issuetoc) 177-188. ***IF 1.833.***
125. Shaheen Begum, Mohammad Tahir Shah, Said Muhammad, Sardar Khan (2015). Role of mafic and ultramafic rocks in drinking water quality and its potential health risk assessment, Northern Pakistan. Journal of Water and Health. 13 (4) 1130-1142 DOI: 10.2166/wh.2015.066 ***IF 1.744.***
126. Nida Gul, Mohammad Tahir Shah, Sardar Khan, Naimat Ullah Khattak and Said Muhammad (2015) Arsenic and heavy metals contamination, risk assessment and their source in drinking water of the Mardan District, Khyber Pakhtunkhwa, Pakistan. Journal of Water and Health. 13 (4) 1073-1084. ***IF 1.744.***
127. Javed Nawab, Sardar Khan, Mohammad Tahir Shah, Kifayatullah Khan, Qing Huang & Roshan Ali (2015) Quantification of Heavy Metals in Mining Affected Soil and Their Bioaccumulation in Native Plant Species, International Journal of Phytoremediation, 17:9, 801-813. ***IF 3.212.***
128. Muhammad Waqas, Gang Li, Sardar Khan, Isha Shamshad, Brian J. Reid, Zahir Qamar & Cai Chao (2015) Application of sewage sludge and sewage sludge biochar to reduce polycyclic aromatic hydrocarbons (PAH) and potentially toxic elements (PTE) accumulation in tomato. [Environmental Science and Pollution Research](http://link.springer.com/journal/11356) 22:7071-7081. ***IF 5.19.***
129. Sardar Khan, Irfan Ali Shah, Said Muhammad, M. Tahir Shah, Riffat Naseem Malik (2015) Arsenic and Heavy Metal Concentrations in Drinking Water in Pakistan and Risk Assessment; A Case Study. Human and Ecological Risk Assessment. 21,1020-1031. ***IF 5.190.***
130. [Youwei Hong](http://link.springer.com/search?facet-author=%22Youwei+Hong%22), [Dan Liao](http://link.springer.com/search?facet-author=%22Dan+Liao%22), [Jinsheng Chen](http://link.springer.com/search?facet-author=%22Jinsheng+Chen%22), [Sardar Khan](http://link.springer.com/search?facet-author=%22Sardar+Khan%22), [Jianqiang Su](http://link.springer.com/search?facet-author=%22Jianqiang+Su%22), [Hu Li](http://link.springer.com/search?facet-author=%22Hu+Li%22) (2015) A comprehensive study of the impact of polycyclic aromatic hydrocarbons (PAHs) contamination on salt marsh plants Spartina alterniflora: implication for plant-microbe interactions in phytoremediation. [Environmental Science and Pollution Research](http://link.springer.com/journal/11356) 22:7071-7081. ***IF 5.19.***
131. Isha Shamshad, Sardar Khan, Muhammad Waqas, Nadeem Ahmad, Khushnood -Ur-Rehman and Kifayatullah Khan (2015) Removal and bioaccumulation of heavy metals from aqueous solutions using freshwater algae. Water Science and Technology. 71(1), 38-44. ***IF 1.915.***
132. Muhammad Waqas, Sardar Khan, Cai Chao, Isha Shamshad, Zahir Qamar, Kifayatullah Khan (2014) Quantification of PAHs and health risk via ingestion of vegetable in Khyber Pakhtunkhwa Province, Pakistan. Science of the Total Environment 497-498, 448-458. ***IF 7.963.***
133. Islamud-Din, Abd El-Latif Hesham, Ayaz Ahmad, Cang Daqiang and Sardar Khan (2014) PCR-DGGE and real-time PCR to study the impacts of heavy metals on diversity and abundance of sulfate-reducing bacteria using dsrB gene
Biotechnology and Bioprocess Engineering 19: 703-710. ***IF 2.836.***
134. Kifayatullah Khan, Hizbullah Khan, Yonglong Lu, Ihsanullah, Javed Nawab, Sardar Khan, Noor S Shah, Isha Shamshad, Afsheen Maryam, (2014). Evaluation of toxicological risk of foodstuffs contaminated with heavy metals in Swat, Pakistan. Ecotoxicology and Environmental Safety 108, 224-232. ***IF 6.291.***
135. Juma Mohammad, Sardar Khan, Muhammad Tahir Shah, Islam-ud-din and Adnan Ahmed (2015) Essential and nonessential metal concentrations in morel Mushroom (morchella esculenta) in dir-kohistan, Pakistan. Pak. J. Bot., 47(SI): 133-138. ***IF 0.972.***
136. Nida Gul, Mohammad Tahir Shah, Sardar Khan, Said Muhammad (2014) Quantification of the heavy metals in the agricultural soils of Mardan district, Khyber Pakhtunkhwa, Pakistan. J. Glob. Innov. Agric. Soc. Sci., 2(4): 158-162.
137. Afsheen Maryam, Sardar Khan, Muhammad Abbas Khan, Kifayatullah Khan, Fazli Rabbi, Shahid Ali (2014) The Perception of Local Community about the Effects of Climate Change in Upper Swat, Khyber Pakhtunkhwa, Pakistan. J Earth Sci Clim Change, 5:3
138. Sardar Khan, Brian J. Reid, Gang Li, Yong-Guan Zhu (2014) Application of biochar to soil reduces cancer risk via rice consumption: A case study in Miaoqian village, Longyan, China. Environment International 68 (2014) 154-161. ***IF 9.621.***
139. Shah, M.T., Ara, J., Muhammad, S., Khan, S., Asad, S.A., Ali, L., (2014). Potential heavy metals accumulation of indigenous plant species along the mafic and ultramafic terrain in the Mohmand agency, Pakistan. Clean-Soil Air Water, 42 (3) 339-346. ***IF 1.770.***
140. M. Tahir Shah, Shazia Jabeen, Sardar Khan (2014) Physico-chemical parameters of surface and ground water and their environmental impact assessment in the Haripur Basin, Pakistan. Journal of Geochemical Exploration, 138:1-7. ***IF 3.746.***
141. Muhammad Waqas, Sardar Khan, Huang Qing, Brian J. Reid, Cai Chao (2014) The effects of sewage sludge and sewage sludge biochar on PAHs and potentially toxic element bioaccumulation in *Cucumis sativa* L. Chemosphere 105:53-61. ***IF 8.943.***
142. Hamid Moh. Al-gabr, Chengsong Ye, Yongli Zhang, Sardar Khan, Huirong Lin, Tianling Zheng (2013). Effects of carbon, nitrogen and pH on the growth of *Aspergillus parasiticus* and aflatoxins production in water. Journal of Environmental Biology. 34 353-358. ***IF 0.781***
143. Sardar Khan, Cai Chao, Muhammad Waqas, Hans Peter H. Arp,Yong-Guan Zhu. (2013). Sewage sludge biochar influence upon rice (O*ryza sativa* L) yield, metal bioaccumulation and greenhouse gas emissions from acidic paddy soil. Environmental Science & Technology, 47:8624-8632. ***IF 9.028.***
144. Kifayatullah Khan, Yonglong Lu, Hizbullah Khan, Shahida Zakir, Ihsanullah, Sardar Khan, Akbar Ali Khan, Luo Wei, Tieyu Wang (2013) Health risks associated with heavy metals in the drinking water of Swat, northern Pakistan. Journal of Environmental Sciences-China 25(10) 2003-2013. ***IF 5.565.***
145. Said Muhammad, Mohammad Tahir Shah, S. Khan, Nida Gul, Alia Naz, Umar Saddique and Muhammad Farooq. 2013. Wild plant assessment for heavy metal phytoremediation potential along the mafic and ultramafic terrain, Northern Pakistan," online available BioMed Research International. doi:10.1155/2013/194765. ***IF 3.411.***
146. Kifayatullah Khan, Yonglong Lu, Hizbullah Khan, Muhammad Ishtiaq, Sardar Khan, Muhammad Waqas, Luo Wei, Tieyu Wang. 2013. Heavy metals in agricultural soils and crops and their health risks in Swat District, northern Pakistan. Food and Chemical Toxicology. 58, 449-458. ***IF 6.023.***
147. Sardar Khan, Maria Shahnaz, Noor Jehan, Shafiqur Rehman, M. Tahir Shah (2013). Drinking water quality and human health risks in Charsadda District, Pakistan. Journal of Cleaner Production, 60, 93-101. ***IF 9.297.***
148. Saeeda Yousaf, Sardar Khan and Muhammad Tahseen Aslam (2013) Effect of pesticides on the soil microbial activity. Pakistan J. Zool. 45(4): 1063-1067. ***IF 0.831.***
149. Alia Naz, Sardar Khan, Muhammad Qasim, Salma Khalid, Said Muhammad, Muhammad Tariq (2013) Metals toxicity and its bioaccumulation in purslane seedlings grown in controlled environment. Natural Science. 5(5), 573-579.
150. Sardar Khan, Ning Wang, Brian J. Reid, Alessia Freddo, Chao Cai (2013) Reduced bioaccumulation of PAHs by Lactuca satuva L. grown in contaminated soil amended with sewage sludge and sewage sludge derived biochar. Environmental Pollution. 175:64-68. ***IF 9.988.***
151. Sardar Khan, Alia Naz, Muhammad Asim, Shaikh Saeed Ahmad, Saeeda Yousaf and Said Muhammad (2013). Toxicity and bioaccumulation of heavy metals in spinach seedlings grown on freshly contaminated soil. Pakistan Journal of Botany. 45(S1): 501-508. ***IF 0.972.***
152. Saeeda Yousaf, Shahida Zakir, Sardar Khan (2013)Temperature and pH Effects on Adsorption Materials used for Arsenic Removal from Drinking Water. J. Chem. Soc. Pak., Vol. 35, No. 6. ***IF 0.536.***
153. Saeeda Yousaf, Saeedur Rehman, Sardar Khan, Muhammad Tehseen Aslam and Abdur Rehman Khan, (2012) Removal of arsenic from portable water by absorptive media treatment technique. Pakistan Journal of Chemical Society, 34(5) 1326-1330. ***IF 0.536.***
154. Sardar Khan, Mohammad Tahir Shah, Isalm Ud Din, Shafiqur Rehman (2012) Mercury Exposure of Workers and Health Problems Related with Small-scale Gold Panning and Extraction. Pakistan Journal of Chemical Society 34(4):870-876. ***IF 0.536.***
155. Abd El-Latif Hesham, Sardar Khan, Yu Tao, Dong Li, Yu Zhang, Min Yang (2012) Biodegradation of high molecular weight PAHs using isolated yeast mixtures: application of meta-genomic methods for community structure analyses. Environmental Science and Pollution Research. 19(8):3568-3578. ***IF 5.19.***
156. Shah, M.T., Ara, J., Muhammad, S., Khan, S., Tariq, S. (2012) Health risk assessment via surface water and sub-surface water consumption in the mafic and ultramafic terrain, Mohmand agency, northern Pakistan. Journal of Geochemical Exploration. 118: 60–67. ***IF. 3.746.***
157. Sardar Khan, Cao Qing (2012) Human health risk due to consumption of vegetables contaminated with carcinogenic polycyclic aromatic hydrocarbons. Journal of Soils and Sediments, 12(2):178-184. ***IF 3.308.***
158. F. Akbar Jan, M. Ishaq, S. Khan, M. Shakirullah, S. M. Asim, I. Ahmad (2011) Bioaccumulation of metals in human blood in industrially contaminated area. Journal of Environmental Sciences, 23(12) 2069–2077. ***IF 5.565.***
159. Khizar Hayat Bhatti, Amin Shah, Qaiser Mehmood, Sardar Khan, Wujia He and He Chaozu (2011). Transgenic tobacco with rice *FAE* gene exhibits higher water use efficiency. Pakistan Journal of Botany 43(5): 2527-2533, 2011. ***IF 0.972.***
160. Said Muhammad, M. Tahir Shah, Sardar Khan, （2011）Heavy metal concentrations in soil and wild plants growing around Pb–Zn sulﬁde terrain in the Kohistan region, northern Pakistan. Microchemical Journal 99:67-75. ***IF 4.821.***
161. Said Muhammad, M. Tahir Shah, Sardar Khan "Health risk assessment of heavy metals and their source apportionment in drinking water of Kohistan region, northern Pakistan. " (2011) Microchemical Journal Vol:98 pp:334-343 ***IF 4.821.***
162. S. Khan, M. A. Khan and S. Rehman (2011) Lead and Cadmium Contamination of Different Roadside Soils. and Plants in Peshawar City, Pakistan. Pedosphere 21(3): 351–357, 2011 ***IF 3.911.***
163. [Sardar Khan](http://www.inderscience.com/search/index.php?action=basic&wf=author&year1=1995&year2=2007&o=2&q=Sardar%20Khan), [Shafiqur Rehman](http://www.inderscience.com/search/index.php?action=basic&wf=author&year1=1995&year2=2007&o=2&q=Shafiqur%20Rehman), [Qing Cao](http://www.inderscience.com/search/index.php?action=basic&wf=author&year1=1995&year2=2007&o=2&q=Qing%20Cao), [Noor Jehan](http://www.inderscience.com/search/index.php?action=basic&wf=author&year1=1995&year2=2007&o=2&q=Noor%20Jehan), [Muhammad Tahir Shah](http://www.inderscience.com/search/index.php?action=basic&wf=author&year1=1995&year2=2007&o=2&q=Muhammad%20Tahir%20Shah) (2011) Uptake and translocation of Pb and pyrene by rye-grass cultivated in aged spiked soil. International Journal of Environment and Pollution Vol:45:1/2/3 pp:110-122. ***IF 0.354.***
164. Islam-ud-din, Sardar Khan, Abd El-latif Hesham, Ayaz Ahmad, Su Houbo and Cang Daqiang (2010). Physio-chemical characteristics and bacterial diversity in copper mining wastewater based on 16S rRNA gene analysis. African Journal of Biotechnology, 9(46):7891-7899. ***IF 0.456.***
165. Muhammad, S., Tahir Shah, M., Khan, S., (2010) Arsenic health risk assessment in drinking water and source apportionment using multivariate statistical techniques in Kohistan region, northern Pakistan. Food and Chemical Toxicology 48:2855-2864. ***IF 6.023.***
166. Sardar Khan, Shafiqur Rehman, Anwar Zeb Khan, M. Amjad Khan, M.Tahir Shah (2010) Soil and vegetables enrichment with heavy metals from geological sources in Gilgit, northern Pakistan. Ecotoxicology and Environmental Safety 73:1820-1827. ***IF 6.291.***
167. Sardar Khan, Abd El-Latif Hesham, Min Qiao, Shafiqur Rehman and Jizheng He. (2010) Effects of Cd and Pb on soil microbial community structure and activities. Environmental Science and Pollution Research. 17:288-296. ***IF 5.19.***
168. F. Akbar Jan, M. Ishaq, S. Khan, I. Ihsanullah, I. Ahmad, M. Shakirullah (2010) A comparative study of human health risks via consumption of food crops grown on wastewater irrigated soil (Peshawar) and relatively clean water irrigated soil (lower Dir). Journal of Hazardous Materials 179 (2010) 612-621. ***IF 10.588.***
169. Shah MT, Begum S, Khan S (2010) Pedo and biogeochemical studies of mafic and ultramfic rocks in the Mingora and Kabal areas, Swat, Pakistan. Environmental Earth Sciences. 60(5): 1091-1102. ***IF 2.784***
170. Shazia Jabeen, Muhammad Tahir Shah, Sardar Khan and Muhammad Qasim Hayat (2010). Determination of major and trace elements in ten important folk therapeutic plants of Haripur basin, Pakistan. Journal of Medicinal Plants Research. 4(7):559-566. ***IF 0.590.***
171. Ming Lei, Yong Zhang, Sardan Khan, Pu-feng Qin, Bo-han Liao (2010). Pollution, fractionation, and mobility of Pb, Cd, Cu, and Zn in garden and paddy soils from a Pb/Zn mining area. Environmental Monitoring and Assessment. 168:215-222. ***IF 3.307.***
172. Sardar Khan, Abd El-Latif Hesham, Jizheng He and Yong-Guan Zhu. Biodegradation of pyrene and catabolic genes in contaminated soils cultivated with *Lolium multiflorum* L. Journal of Soils and Sediments (2009) 9:482-491. ***IF 3.308.***
173. Qing Cao, (Max) Qin-Hong Hu, Cristoph Baisch, Sardar Khan, and Yong-Guan Zhu. (2009) Arsenate Toxicity for Wheat and Lettuce in Six Chinese Soils with Different Properties. Environmental Toxicology and Chemistry, 28;(9):1946-1950. DOI: 10.1897/08-660.1. ***IF 3.742.***
174. Khan S, Ahmad I, Shah MT, Rehman S, Khaliq A. 2009. Use of constructed wetland for the removal of heavy metals from industrial wastewater. Journal of Environmental Management 90 (2009) 3451-3457. ***IF 6.789.***
175. Abd El-Latif Hesham, Saad A. Alamri, Sardar Khan, Motamed E. Mahmoud and Hashem M. Mahmoud (2009) Isolation and molecular genetic characterization of a yeast strain able to degrade petroleum polycyclic aromatic hydrocarbons. African Journal of Biotechnology, 8(10):2218-2223. ***IF 0.456.***
176. Khan S, Cao Q, Lin AJ, Zhu YG. Concentrations and Bioaccessibility of Polycyclic Aromatic Hydrocarbons in Wastewater-Irrigated Soil Using in Vitro Gastro-intestinal Test. Environmental Science and Pollution Research. 15 (2008) 344-353. ***IF 5.19.***
177. Khan, S., Lin Aijun, Shuzhen Zhang, Qinhong Hu, and Yong-Guan Zhu. Accumulation of polycyclic aromatic hydrocarbons and heavy metals in lettuce grown in the soils contaminated with long-term wastewater irrigation. Journal of Hazardous Materials. 152 (2008) 506-515. ***IF 10.588.***
178. Ming LEI, Bo-han LIAO, Qing-ru ZENG, Pu-feng Qin, Sardar Khan. Fraction distributions of Pb, Cd, Cu and Zn in metal-contaminated soil before and after extraction with EDTA in Hunan, southern China. Communications in Soil Science and Plant Analysis, 39 (13 & 14) (2008) 1963-1978. ***IF 1.327.***
179. LIU Xiaohai, GAO Yuntao, Sardar Khan, DUAN Gang, CHEN Aikui, LING Li, ZHAO Lei, LIU Zhonghan, WU Xuecan. Accumulation of Pb, Cu, and Zn in native plants growing on contaminated sites and their potential accumulation capacity in Heqing, Yunnan. Journal of Environmental Sciences 20 (2008) 1469-1474. ***IF 5.565.***
180. Khan, S., Q. Cao, Y.M. Zheng, Y.Z. Huang, Y.G. Zhu. Health risks of heavy metals in contaminated soils and food crops irrigated with wastewater in Beijing, China. Environmental Pollution. 152 (2008) 686-692. ***IF 9.988.***
181. Sardar Khan, Qing Cao, Ai-Jun Lin, Yong-Guan Zhu (2008) Concentrations and bioaccessibility of polycyclic aromatic hydrocarbons in wastewater-irrigated soil using in vitro gastrointestinal test. Environ Sci Pollut Res 15:344–353 ***IF 4.223.***
182. Khan, S., Qing Cao, Abd El-Latif Hesham, Yue Xia and Jizheng He. Soil enzymatic activities and microbial community structure with different application rates of Cd and Pb. Journal of Environmental Sciences. 19 (2007) 834-840 ***IF 5.565.***
183. Qing Cao, Qin-Hong Hu, Sardan Khan, Zi-Jian Wang, Ai-Jun Lin, Xin Du, Yong-Guan Zhu (2007). Wheat phytotoxicity from arsenic and cadmium separately and together in solution culture and in a calcareous soil. Journal of Hazardous Materials. 148 (2007) 377-382. ***IF 10.588.***
184. Khan, S., Qing Cao, Bao-Dong Chen and Yong-Guan Zhu. Humic Acids Increase the Phytoavailability of Cd and Pb to Wheat Plants Cultivated in Freshly Spiked, Contaminated Soil. Journal of Soils and Sediments 6 (4) (2006) 236-242. ***IF 3.308.***
185. Abd El-Latif Hesham, Sardar Khan, XinChun Liu, Yu Zhang, Zhenyu Wang and Min Yang. Application of PCR–DGGE to analyse the yeast population dynamics in slurry reactors during degradation of polycyclic aromatic hydrocarbons in weathered oil. Yeast 23 (2006) 879-887. ***IF 3.239.***