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

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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>
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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**
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