

DR. MEHBOOB ALAM PUBLICATIONS

1. Muhammad Zakirullah, Sumayya Innayat, Tariq Jan, Muhammad Arif, Muhammad Ali, **Mehboob Alam**. 2018. The effect of different levels of amino acid and zinc on the quality and quantity of berseem (*Trifolium alexandrium*). *Asian Journal of Agriculture and Biology*. 6(3):379-384.
2. **Mehboob Alam**, Maaz Khan, Anwarzeb Khan, Shahzeb, Muhammad Amjad Khan, Abdul Mateen Khattak, Noor ul Amin, Muhammad Sajid. 2018. Concentrations, dietary exposure and human health risk assessment of heavy metals in market vegetables of Peshawar, Pakistan. *Environmental Monitoring and Assessment*. 190(9):505. (IF: 1.804)
3. Muhammad Amjad Khan, Sardar Khan, Xiaodong Ding, Anwarzeb Khan and **Mehboob Alam**. 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*. 193.1120-1126. (IF: 4.208)
4. **Alam, M.**, Ahlström, C., Rosberg, A. K., Mogren, L., Ahrné, S., Molin, G., Jensén, P. and Alsanius, B. W. Impact of photocatalysis on microbial decontamination of irrigation water. (Manuscript under review at *Water Research*). (IF: 6.942)
5. Izhar Ullah, Javeed Rahman, Sajid Khan, Imran Ahmad, Noor Ul Amin, Muhammad Sajid, Noor Habib, **Mehboob Alam**, Shah Faisal and Fazal-E-Ahad. 2017. Influence of organic manure on growth and yield of lettuce cultivars. *International Journal of Agricultural and Environmental Research*. 3(3): 260-267.
6. Nadeem Haider, **Mehboob Alam**, Abid Khan, Waseem Haider, Sadiq Hussain and Shah Zeb. 2017. Influence of humic acid application on phenology, leaf area and production duration of okra (*Abelmoschus esculentus* L.) cultivars. *Pure and Applied Biology*. 6(3): 1010-1020.
7. Nadeem Haider, **Mehboob Alam**, Haji Muhammad, Islam Gul, Saeed Ul Haq, Sadiq Hussain and Abdul Rab. 2017. Effect of humic acid on growth and productivity of okra (*Abelmoschus esculentus*) cultivars. *Pure and Applied Biology*. 6(3): 932-941.
8. Muhammad Amjad Khan, Sardar Khan, Anwarzeb Khan and **Mehboob Alam**. 2017. Soil contamination with cadmium, consequences and remediation using organic amendments. *Science of the total environment*. 601-602:1591-1605. (IF: 4.900)
9. **Mehboob Alam**, Fazali Wahid, Imran Ahmad, Ali Raza Gurmani, Muhammad Sajid, Noor ul Amin and Amjad Ali. 2017. Effect of pre-soaking agents on salinity stressed cucumber seedlings. *Pakistan Journal of Agricultural Sciences*. 54(4):801-810. (IF: 0.609)

10. Ibrar Hussain, Imran Ahmad, Noor ul Amin, **Mehboob Alam**, Abdul Mateen Khattak, Muhammd Sajid, Naveed Ahmad, Humaira Wasila, Abdur Rauf, Muhammad Ali, Muhammad Naeem, Rahmatullah Khan, Syed Mubarak shah, Asad ullah, Syed Asim Shah, Maaz ur Rahman, Sohail Ahmad, Imran Habib Khan and Izhar ullah. **2016**. Effect Of Organic Fertilizers On Growth And Yield Of Brassica Rapa Variety Chinensis. *Advances in Environmental Biology*. 10(10): 40-46.
11. Mogren, L., **Alam, M.**, Alsanius, B.W., Boqvist, S. and Vågsholm, I. **2016**. Swiss chard (*Beta vulgaris*) produced under greenhouse conditions - effects of water content in the growing media on the content of bioactive compounds and the microbiology of the leaf surface. *Acta Horticulturae*. (ISHS) 1120:381-384.
12. Muhammad Ali Khan, Noor ul amin, Imran Ahmad, Muhammad Sajid, Ibadullah Jan, Abdul Mateen Khattak, Juniad Khan, **Mehboob Alam**, Humaira Wasila and Sikandar Hayat. **2016**. Therapeutic horticulture: influencing psychological responses of surgical patients and their environmental assessment scale. *Pakistan Journal of Agriculture Sciences* (53(2): 355-363). (IF: 0.609).
13. Anwarzeb khan, Sardar Khan, **Mehboob Alam**, Muhammad Amjad Khan, Muhammad Aamir, Zahir Qamar, Zahir ur Rehman and Sajida Parveen. **2016**. Toxic metal interactions affect the bioaccumulation and dietary intake of macro- and micro-nutrients. *Chemosphere* (146: 121-128). (IF: 4.208)
14. Alsanius, B.W., **Alam, M.**, Ahlström, C., Sylla, J., Rosberg, A.K., Olsson, C., Mogren, L., Ahrné, S., Molin , G. and Jensén, P. Microbial community structure of the free water phase in a field irrigation system. (Provisionally accepted for publication in *Science of the Total Environment*). (IF: 4.900)
15. **Alam, M.**, Ahlström, C., Burleigh, S., Olsson, C., Ahrné, S., El-Mogy, M., Molin, G., Jensén, P., Hultberg, M., and Alsanius, B. W. **2014**. Prevalence of *E. coli* O157:H7 on spinach and rocket as affected by inoculums density and interval to harvest. *Scientia Horticulturae* (165: 235-241). (IF: 1.624)
16. Alsanius, B.W., **Alam, M.**, Larsson, C., Rosberg, A.K., Ahrné, S., Molin , G. and Jensén, P. **2011**. Decontamination of irrigation water under field conditions: preliminary results. *Acta Horticulturae*. (ISHS) 922:61-66.