

University Academic Curriculum Vitae

Education

- Master's in food technology
- University of Agriculture, Faisalabad, Pakistan

Present appointment

- Ph. D Researcher (Food Engineering and Biotechnologie)
- Teaching Assistant (44706A - AGR/16 - The natural microbial starters for innovation and authenticity)

Experience in academic teaching

Teaching Assistant
The natural microbial starters for innovation and authenticity
March to June 2024
Free university of Bolzano, BZ, Italy

Publications

Bilal Sajid Mushtaq, Waleed AL-Ansia, Abhitosh Dhunglea, Faizan ul Haq, Amer Ali Mahdi, Noman walyat, Sajid Manzoor, Mingcong Fan, Haifeng Qian, Liu Jinxin, Li Wang. "Influence of pretreatments combined with extrusion on γ Amino butyric acid , nutritional composition and physicochemical properties of foxtail millet (*Setaria italica*)". Journal of cereal science. (IF:3.60)

Bilal Sajid Mushtaq, Wenhui Zhang, Waleed AL-Ansi, Faizan ul Haq, Abdur Rehman, Rabia Omer, Imran Mahmood Khan, Sobia Niazi, Aqsa Ahmad, Amer Ali Mahdi, Qais Ali Al-Maqtari, Noman Walayat, Li Wang. "A critical review on the development, physicochemical variations and technical concerns of gluten free extrudates in food systems". Food reviews international (IF: 6.14)

Bilal Sajid Mushtaq, Imran Pasha, Rabia Omer, Muhammad Bilal Hussain, Tabassum Tufail, Mohammad Ali Shariati, Anna A. Derkanosova et al. "Characterization of Moringa oleifera leaves and its utilization as value added ingredient in unleavened flat bread (chapatti)." Journal of Microbiology, Biotechnology and Food Sciences 2021 (2021): 750-755.

Waleed, AL-Ansi , **Bilal Sajid Mushtaq** , Amer Ali Mahdi, Qais Ali Al-Maqtari, AL-Adeeb Abduqader, Aqsa Ahmed, Mingcong Fan et

al. "Molecular structure, morphological, and physicochemical properties of highlands barley starch as affected by natural fermentation." *Food Chemistry* 356 (2021): 129665. (IF: 7.514)

Waleed, AL-Ansi, Amer Ali Mahdi, Qais Ali Al-Maqtari, **Bilal Sajid Mushtaq**, Abduqader Al-Adeeb, Aqsa Ahmed, Mingcong Fan et al. "Characterization of molecular, physicochemical, and morphological properties of starch isolated from germinated highland barley." *Food Bioscience* 42 (2021): 101052. (IF: 4.24)

Rehman, Abdur, Qunyi Tong, Seid Mahdi Jafari, Sameh A. Korma, Imran Mahmood Khan, Ali Mohsin, Muhammad Faisal Manzoor, **Bilal Sajid Mushtaq** et al. "Spray dried nanoemulsions loaded with curcumin, resveratrol, and borage seed oil: The role of two different modified starches as encapsulating materials." *International Journal of Biological Macromolecules* (2021). (IF: 6.953)

Al-Maqtari, Qais Ali, Waleed Al-Ansi, Amer Ali Mahdi, Adel Ali Saeed Al-Gheethi, **Bilal Sajid Mushtaq**, Abdulqader AlAdeeb, Minping Wei, and Weirong Yao. "Supercritical fluid extraction of four aromatic herbs and assessment of the volatile compositions, bioactive compounds, antibacterial, and anti-biofilm activity." *Environmental Science and Pollution Research* 28, no. 20 (2021): 25479-25492. (IF:4.223)

Walayat, Noman, Xiukang Wang, Asad Nawaz, Zhongli Zhang, Abdullah Abdullah, Ibrahim Khalifa, Muhammad Hamzah Saleem, **Bilal Sajid Mushtaq**, et al. "Ovalbumin and Kappa-Carrageenan Mixture Suppresses the Oxidative and Structural Changes in the Myofibrillar Proteins of Grass Carp (*Ctenopharyngodon idella*) during Frozen Storage." *Antioxidants* 10, no. 8 (2021): 1186. (IF:6.312)

Rehman, Abdur, Qunyi Tong, Seid Mahdi Jafari, Elham Assadpour, Qayyum Shehzad, Rana Muhammad Aadil, Muhamad Waheed Iqbal, Marwan MA Rashed, **Bilal Sajid Mushtaq**, and Waqas Ashraf. "Carotenoid-loaded nanocarriers: A comprehensive review." *Advances in colloid and interface science* 275 (2020): 102048. (IF: 12.984)

Khan, Imran Mahmood, Sobia Niazi, Ye Yu, Ali Mohsin, Bilal Sajid Mushtaq, Muhammad Waheed Iqbal, Abdur Rehman, Wasim Akhtar, and Zhouping Wang. "Aptamer induced multicolored AuNCs-WS2 "turn on" FRET nano platform for dual-color simultaneous detection of aflatoxinB1 and zearalenone." *Analytical chemistry* 91, no. 21 (2019): 14085-14092. (IF: 6.986)