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PUBLICATIONS WITH IMPACT FACTOR: (Impact Factor: 137.299; H-index = 25)

1. **Tehmina Anjum**, Wajiha Irum, Mazhar Iqbal, Mateen Abbas, Waheed Akram and Guihua Li. 2022. Structure elucidation and toxicity analysis of the byproducts formed after biodegradation of aflatoxin B1 and B2 using extracts of *Mentha arvensis*. *Toxins*. 14(1), 24 <https://doi.org/10.3390/toxins14010024> (IF: 4.546)
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3. Hina Ashraf, **Tehmina Anjum**, Saira Riaz, Tanzeela Batool, Shahzad Naseem and Guihua Li. 2022. Sustainable synthesis of microwave assisted IONPs by using *Spinacia Oleracea*: enhances resistance against fungal wilt infection by inducing ROS and modulating defense system in tomato plants. *Journal of Nanobiotechnology*. 20:8. <https://doi.org/10.1186/s12951-021-01204-9> (IF: 10.435)
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8. Naseem Hassan, Hina Ashraf, **Tehmina Anjum**, Waheed Akram. 2021. Phyto-synthesized silver nanoparticles using leaves extracts of *Morus alba* and *Aegle marmelos* inhibited fusarium wilt and charcoal rot in tomato. *International Journal of Agriculture and Biology*. 25:165-172. DOI: 10.17957/IJAB/15.1652 (IF:0.822)
9. **Tehmina Anjum**, Wajiha Irum, Mazhar Iqbal, Abdul Ghaffar, Mateen Abbas. 2020. Identification of degradation products of aflatoxin B1 and B2 resulting after their biodegradation by aqueous extracts of *Acacia nilotica*. *World Mycotoxin Journal*. <https://doi.org/10.3920/WMJ2018.2411> (IF: 2.353)
10. Yongxin Tao, Xinhua Quan, Ibatsam Khokhar, **Tehmina Anjum**, Hanbing Song, Irum Mukhtar. 2020. First report of *Pseudopestalotiopsis theae* causing leaf spot of date palm (*Phoenix dactylifera*) in China. *Plant Disease*. 10.1590/s0100-83582020380100052 (IF: 4.438)

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14. Waheed Akram, Guihua Li, Aqeel Ahmad, **Tehmina Anjum**, Basharat Ali, Juxian Guo, Wenlong Luo, Tingquan Wu, Dasen Xie, and Fu Mei. 2020. *Pseudocercospora exilis* causing leaf spot disease on *Brassica rapa* subsp. parachinensis in China. *Plant Disease*. 104(6): 1861-1861. <https://doi.org/10.1094/PDIS-01-20-0165-PDN> (IF: 4.438)
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18. Huma Adrees, Muhammad Saleem Haider, **Tehmina Anjum**, Waheed Akram. 2019. Inducing systemic resistance in cotton plants against charcoal root rot pathogen using indigenous rhizospheric bacterial strains and chemical elicitors. *Crop protection*. 115: 75 - 83 (IF: 2.381)
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degrading products following detoxification by *Ocimum basilicum* and *Cassia fistula* aqueous extracts. *Frontiers in Microbiology*. doi: 10.3389/fmicb.2016.01105. (IF: 4.076)

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29. Wajiha Irum, **Tehmina Anjum**, Mazhar Iqbal, Abdul Ghaffar and Mateen Abbas. 2015. Mass spectrometric identification and toxicity assessment of degraded products of aflatoxin B1 and B2 by *Corymbia citriodora* aqueous extracts. *Scientific Reports* 5, 14672; doi: 10.1038/srep14672. (IF: 5.228)
30. Waheed Akram, **Tehmina Anjum**, Basharat Ali. 2015. Co-cultivation of tomato with two *Bacillus* strains: Effects on growth and yield. *Journal of Animal and Plant Sciences*. 25(6): 1644 – 1651. (IF: 0.422)
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44. Sundus Tanseer and **Tehmina Anjum**. 2011. Modification of C and N sources for enhanced production of Cyclosporin 'A' by *Aspergillus terreus*. *Brazilian Journal of Microbiology*. 42(4): 1374 - 1383. (IF: 0.896)
45. **Tehmina Anjum** and Rukhsana Bajwa. 2010. Competition losses caused by *Rumex dentatus* and *Chenopodium album* in wheat. *Philippine Agricultural Scientist*. 93(3): 365-368. (IF: 0.357)
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1. Shafiq ur Rehman, Wajeeha Afzal, **Tehmina Anjum**, Hassan Javed Choudhry, Sajid Rashid Ahmad and Mehmood Aslam. 2019. Screening and evaluation of indigenous halo-tolerant microbes for salt stress alleviation in celery (*Apium graveolens*). Soil and Environment. 38(1): 42 – 47.
2. Sabin Fatima and **Tehmina Anjum**. 2018. Activation of transcriptomic and histological defenses in tomato by rhizobacterial *Pseudomonas* isolates against Fusarium wilt. African-Asian Journal of Rural Development. 51(2): 58-78.
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11. Zoobia Bashir, Aqeel Ahmad, Sobiya Shafique, **Tehmina Anjum**, Shazia Shafique, Waheed Akram. 2013. Hypersensitive response—A biophysical phenomenon of producers. European Journal of Microbiology and Immunology. 3(2):105-110.
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