

Faiza Munir

Associate Professor

Atta-Ur-Rahman School of Applied Biosciences

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About

Dr. Faiza Munir is working as Associate Professor in the Atta-Ur-Rahman School of Applied Biosciences. Dr. Faiza Munir has a PhD in Plant Biotechnology. Dr. Faiza Munir has published 53 research articles & conference papers having a citation count of 322, carried out 3 projects and filed 0 intellectual property.

Qualifications

PhD in Plant Biotechnology Quaid-i-Azam University , Pakistan	2010 - 2015
MPhil in Plant Biochemistry And Molecular Biology Quaid-i-Azam University , Pakistan	2008 - 2010
MSc in Botany Quaid-i-Azam University , Pakistan	2006 - 2008
BSc in Botany, Zoology, Chemistry University of the Punjab , Pakistan	2003 - 2005

Experience

Associate Professor Atta-Ur-Rahman School of Applied Biosciences	2022- Present
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2020 - 2022
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2017 - 2020
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2017 - 2017
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2016 - 2017

Awards

GOLD Medal Gold Medal awarded at the M.Sc. and M.Phil level of academic career
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Research Projects

National Projects

Elucidating the effects of organic amendment and nitrogen sources on flavonoids and nitrogen fixation in <i>Arachis hypogaea</i> . Funding Agency: HEC Amount: PKR 11,260,000.00 Status: Approved_inprocess	2022
Development of transgenic resistance in <i>Solanum tuberosum</i> L. against abiotic stress, by the expression of DREB protein gene. Funding Agency: HEC Amount: PKR 3,137,000.00 Status: Completed	2018
Isolation and characterization of the gene(s) involved in salt-stress signaling in potato. Funding Agency: Higher Education Commission, Islamabad Amount: PKR 455,000.00 Status: Completed	2016

International Projects

Research Articles

Photo-Induced Synthesis of Silver Nanoparticles Using <i>Bacillus safensis</i> as Elicitors for Enhanced Growth of Fenugreek in Hydroponic <i>Linta Jadoon Alvina Gul Hunaiza Fatima Rabia Amir Faiza Munir MUASTAFEEZ MUJTABA BABAR</i> <i>Applied Biochemistry and Biotechnology</i> , Pages:21 Impact Factor: N/A Quartile: 2 DOI: https://doi.org/10.1007/s12010-025-05313-1	2025
Evaluation of Wheat Landrace Germplasm for Agronomic Disease Susceptibility and Quality Traits Using Kompetitive Allele-Specific PCR (KASP) Markers <i>Sumaira Salahudin Loddhi Alvina Gul Peter John Rabia Amir Faiza Munir Muhammad Jamil Hadi Alipour Bengu Turkiyalamaz Unal Munir Ozturk</i> <i>Anadolu Journal of Agricultural Sciences</i> , Volume 40, No. 2, Pages 221-238 Impact Factor: N/A DOI: https://doi.org/10.7161/omuanajas.1561421	2025
In silico identification and functional annotation of universal stress protein (USP) gene family in <i>Chenopodium quinoa</i> <i>Hajira Imran Alvina Gul Rehan Zafar Paracha Rabia Amir Faiza Munir Muhammad Faraz Bhatti</i> <i>Scientific Reports</i> , Volume 15, Article Number 18264 Impact Factor: 3.800 Quartile: 1 DOI: https://doi.org/10.1038/s41598-025-03264-5	2025
An A-6 subgroup member of DREB gene family positively regulates cold stress tolerance by modulating an antioxidant defense system in transgenic potato <i>Saba Azeem Faiza Munir Alvina Gul Rabia Amir</i> <i>Scientific Reports</i> , Volume 15, Article Number: 15421 Impact Factor: 3.800 Quartile: 1 Citations: 1 DOI: 10.1038/s41598-025-98886-0	2025
Molecular modelling and gene expression analysis to probe the GT-γ trihelix transcription factors in <i>Solanum tuberosum</i> under drought stress <i>Tayyaba Bint Tariq Faiza Munir ISHRAT JABEEN Alvina Gul Rabia Amir</i> <i>Scientific Reports</i> , Volume 15, Article Number: 12471 Impact Factor: 3.800 Quartile: 1 DOI: https://doi.org/10.1038/s41598-025-96485-7	2025
Overexpression of StDREB30 Gene Enhances Salt Stress Tolerance in Transgenic Potato <i>Qurat-ul-ain Ali Faiza Munir Muhammad Faraz Bhatti Rabia Amir Alvina Gul</i> <i>Potato Research</i> , Pages 1-23 Impact Factor: 2.300 Quartile: 1 DOI: https://doi.org/10.1007/s11540-024-09811-3	2024

Biochar and PGPR: A Winning Combination for Peanut Growth and Nodulation under Dry Spell <i>Tashfeen Alam Fatima Bibi Hunaiza Fatima Faiza munir Alvina Gul Ghulam Haider Muhammad Jahanzaib Rabia Amir</i> <i>Journal of Soil Science and Plant Nutrition</i> , Pages: 16 Impact Factor: 3.4 Quartile: 1 Citations: 2 DOI: https://doi.org/10.1007/s42729-024-02067-3	2024
Cloning and overexpression of the DREB30 gene enhances drought and osmotic stress tolerance in transgenic potato <i>Qurat Ul Ain Ali Faiza Munir Muhammad Tahir Rabia Amir Alvina Gul</i> <i>Journal of Plant Interactions</i> , Volume 19, No. 1, Article Number 2364656 Impact Factor: 2.600 Quartile: 2 Citations: 4 DOI: 10.1080/17429145.2024.2364656	2024
Alkaloid rich hydroponic chili for AgNPs synthesis against multidrug resistant Staphylococcus aureus infected burn wounds <i>Hunaiza Fatima Alvina Gul Linta Jadoon Syed Damin Abbas Hamdani Tausif Ahmed Rajput Rabia Amir Faiza Munir Mustafeez Mujtaba Babar</i> <i>Process Biochemistry</i> , Volume: 141, Pages 170-178 Impact Factor: 4.4 Quartile: 2 Citations: 1 DOI: 10.1016/j.procbio.2024.03.014	2024
Genome-wide analysis of heavy metal ATPases (HMAs) in Poaceae species and their potential role against copper stress in Triticum aestivum <i>Tuba Sharf Batool Alvina Gul Rehan Zafar Paracha Mahnoor Ilyas Kathryn De Abreu Faiza Munir Rabia Amir Lorraine E. Williams Roohi Aslam</i> <i>Scientific Reports</i> , Volume 13, Article Number 7551 Impact Factor: 4.996 Quartile: 2 Citations: 14 DOI: https://doi.org/10.1038/s41598-023-32023-7	2023
An integrated remediation approach using combinations of biochar, Rhizobium leguminosarum, and Vigna radiata for immobilizing and dissipating cadmium contaminants from the soil–mustard plant system <i>Qurat-ul-Ain Hira Midhat Mehboob Rimsha Azhar Faiza Munir Alvina Gul Asim Hayat Tariq Shah Rabia Amir</i> <i>Frontiers in Plant Science</i> , Volume 14, Article Number 1139136 Impact Factor: 6.627 Quartile: 1 Citations: 2 DOI: 10.3389/fpls.2023.1139136	2023
Anti-MRSA potential of biogenic silver nanoparticles synthesized from hydroponically grown Foeniculum vulgare <i>Hunaiza Fatima Syed Damin Abbas Hamdani Madiha Ahmed Tausif Ahmed Rajput Alvina Gul Rabia Amir Faiza Munir Sohaib Zafar Malik Mustafeez Mujtaba Babar</i> <i>Phytomedicine Plus</i> , Volume 3, Issue 1, Article Number 100415 Impact Factor: N/A Citations: 15 DOI: https://doi.org/10.1016/j.phyplu.2023.100415	2023
Genome-wide identification, comprehensive characterization of transcription factors, cis-regulatory elements, protein homology, and protein interaction network of DREB gene family in Solanum lycopersicum <i>Hajra Maqsood Faiza Munir Rabia Amir Alvina Gul</i> <i>Frontiers in Plant Science</i> , Volume 13, Article Number 1031679 Impact Factor: 6.627 Quartile: 1 Citations: 26 DOI: https://doi.org/10.3389/fpls.2022.1031679	2022
Genome wide identification and characterization of nodulation related genes in Arachis hypogaea <i>Kiran Khurshid Anum Akram Ahmad Ali Faiza Munir Alvina Gul Ghulam Haider Zuhra Qayyum Rabia Amir</i> <i>PLOS ONE</i> , Volume 17, Issue 9, Article Number e0273768 Impact Factor: 3.752 Quartile: 2 Citations: 2 DOI: https://doi.org/10.1371/journal.pone.0273768	2022
Identification and Expression Analysis of Stilbene Synthase Genes in Arachis hypogaea in Response to Methyl Jasmonate and Salicylic Acid Induction <i>Zuhra Qayyum Fatima Noureen Maryam Khan Marrium Khan Ghulam Haider Faiza Munir Alvina Gul Rabia Amir</i> <i>Plants</i> , Volume 11, Issue 13, Article Number 1776 Impact Factor: 4.658 Quartile: 1 Citations: 11 DOI: https://doi.org/10.3390/plants11131776	2022

Photoperiod and water-deficient conditions differentially regulate structural flavonoid biosynthetic genes in peanuts <i>Maryam Khan Saman Taufiq Irum Nauman Norina Noor Tooba Iqbal Hina Ali Rehan Zafar Paracha Faiza Munir Alvina Gul Rabia Amir</i> <i>Journal of Plant Interactions</i> , Volume 17(1), Pages 620-631 Impact Factor: 4.208 Quartile: 1 Citations: 1 DOI: https://doi.org/10.1080/17429145.2022.2076940	2022
Genome-wide promoter analysis, homology modeling and protein interaction network of Dehydration Responsive Element Binding (DREB) gene family in Solanum tuberosum <i>Qurat-ul-ain Ali Nida Mushtaq Rabia Amir Alvina Gul Muhammad Tahir Faiza Munir</i> <i>PLoS One</i> , Volume 16(12), Article Number e0261215 Impact Factor: 3.240 Quartile: 2 Citations: 42 DOI: 10.1371/journal.pone.0261215	2021
Genetic gain and G × E interaction in bread wheat cultivars representing 105 years of breeding in Pakistan <i>Uzma Hanif Alvina Gul Rabia Amir Faiza Munir Mark E. Sorrells Hugh G. Gauch Zahid Mahmood Abid Subhani Muhammad Imtiaz Awais Rasheed Hadi Alipour Zhonghu He</i> <i>Crop Science</i> , Volume 62, Issue 1, Pages 178-191 Impact Factor: 2.319 Quartile: 2 Citations: 10 DOI: https://doi.org/10.1002/csc2.20655	2021
Characterization of the genetic basis of local adaptation of wheat landraces from Iran and Pakistan using genome-wide association study <i>Uzma Hanif Hadi Alipour Alvina Gul Kazi Li Jing Reza Darvishzadeh Rabia Amir Faiza Munir Muhammad Kashif Ilyas Abdul Ghafoor Sadar Uddin Siddiqui Amy Bernado Paul St. Amand Guihua Bai Awais Rasheed Zhonghu He Huihui Li Kai Sonder</i> <i>Plant Genome</i> , Article Number e20096, Pages 1-17 Impact Factor: 4.219 Quartile: 1 Citations: 10 DOI: DOI: 10.1002/tpg2.20096	2021
Genome-wide analysis, identification, evolution and genomic organization of dehydration responsive element-binding (DREB) gene family in Solanum tuberosum <i>Nida Mushtaq Faiza Munir Alvina Gul Rabia Amir Rehan Zafar Paracha</i> <i>PeerJ</i> , Volume 9, Article Number e11647 Impact Factor: 3.061 Quartile: 2 Citations: 26 DOI: 10.7717/peerj.11647	2021
Expression Characterization of Flavonoid Biosynthetic Pathway Genes and Transcription Factors in Peanut Under Water Deficit Conditions <i>Ghulam Kubra Maryam Khan Faiza Munir Alvina Gul Tariq Shah Adil Hussain David Caparros-Ruiz Rabia Amir</i> <i>Frontiers in Plant Science</i> , Volume 12, Article Number 680368 Impact Factor: 6.627 Quartile: 1 Citations: 17 DOI: https://doi.org/10.3389/fpls.2021.680368	2021
Evaluating the cleavage efficacy of CRISPR-Cas9 sgRNAs targeting ineffective regions of Arabidopsis thaliana genome <i>Afsheen Malik Alvina Gul Faiza Munir Rabia Amir Hadi Alipour Mustafeez Mujtaba Babar Syeda Marriam Bakhtiar Rehan Zafar Paracha Zoya Khalid Muhammad Qasim Hayat</i> <i>PeerJ</i> , Volume 9, Article Number e11409 Impact Factor: 3.061 Quartile: 2 Citations: 8 DOI: https://doi.org/10.7717/peerj.11409	2021
Molecular characterization of Leucoanthocyanidin reductase and Flavonol synthase gene in Arachis hypogaea <i>rabia amir Faiza Munir Alvina Gul Ghulam Kubra Maryam Khan Sidra Hussain Tooba Iqbal Jan Muhammad Hina Ali</i> <i>Saudi Journal of Biological Sciences</i> , Volume 28, Issue 4, Pages 2301-2315 Impact Factor: 4.052 Quartile: 2 Citations: 8 DOI: https://doi.org/10.1016/j.sjbs.2021.01.024	2021
Classification and Computational Analysis of Arabidopsis thaliana Sperm Cell-Specific F-Box Protein Gene 3p.AtFBP113 <i>Afsheen Malik Alvina Gul Rabia Amir Faiza Munir Mustafeez Mujtaba Babar Syeda Marriam Bakhtiar Muhammad Qasim Hayat Rehan Zafar Paracha Zoya Khalid Hadi Alipour</i> <i>Frontiers in Genetics</i> , Volume 11, Article Number 609668	2020

Impact Factor: 4.599 Quartile: 2 Citations: 2 DOI: doi: 10.3389/fgene.2020.609668	
Characterization of regulatory elements in OsRGLP2 gene promoter from different rice accessions through sequencing and in silico evaluation <i>Tariq Mahmood Tamkeen Tahir Faiza Munir Zabta Khan Shinwari</i> <i>Computational Biology and Chemistry</i> , NULL Impact Factor: 1.581 Quartile: 3 Citations: 6 DOI: https://doi.org/10.1016/j.compbiolchem.2018.02.015	2018
Germin-like protein 2 gene promoter from rice is responsive to fungal pathogens in transgenic potato plants <i>Faiza Munir Satomi Hayash Jacqueline Batley Syed Muhammad Saqlan Naqvi Tariq Mahmood</i> <i>Functional and Integrative Genomics</i> , Volume 16, Issue 1, Pages 19-27 Impact Factor: 3.496 Quartile: 2 Citations: 23 DOI: 10.1007/s10142-015-0463-y	2016
Phylogenetic Studies of Selected Citrus Species Based on Chloroplast Gene, rps14 <i>Shumaila Wali Faiza Munir Tariq Mahmood</i> <i>International Journal of Agriculture and Biology</i> , Volume 15, Issue 2, Pages 357-361 Impact Factor: 0.902 Quartile: 2 DOI: 12–557/2013/15–2–357–361	2013
In vitro and in silico characterization of Solanum lycopersicum wound-inducible proteinase inhibitor-II gene <i>Faiza Munir Syed Muhammad Saqlan Naqvi Tariq Mahmood</i> <i>Turkish Journal of Biology</i> (2013) 37: 1-10, Volume: 37 Issue: 1 Pages: 1-10 Impact Factor: 1.216 Quartile: 3 Citations: 8 DOI: 10.3906/biy-1111-23	2013
In vitro Callogenesis and Detection of Somaclonal Variations in Plantago ovata L. <i>Tariq Mahmood Ayesha Jameel Bilal Haider Abbasi Faiza Munir Syed Muhammad Saqlan Naqvi</i> <i>Journal of Crop Science and Biotechnology</i> , Volume 15, Issue 4, Pages 289 - 295 Impact Factor: 0 DOI: 10.1007/s12892-012-0014-1	2012
In vitro culturing and assessment of somaclonal variation of Solanum tuberosum var. desiree <i>Faiza Munir Syed Muhammad Saqlan Naqvi Tariq Mahmood</i> <i>Turkish Journal of Biochemistry</i> , Volume: 36 Issue: 4 Pages: 296-302 Impact Factor: 0.258 Quartile: 4 DOI: -	2011

Book Chapters

Climate Change and Crops: Adaptation and Strategies to Tackle Its Outcome <i>Faiza Munir Tayyaba Bint Tariq Saba Azeem Sarah Fatima Javed Iqbal Banzeer Ahsan Abbasi Shoaib Khan Syeda Anber Zahra Majid Hussain</i> In: <i>Climate Smart Agriculture for Future Food Security</i> , 1st Edition, Chapter 6, Pages 143-170 Citations: N/A DOI: https://doi.org/10.1007/978-981-96-4499-5_6	2025
Climate Change and Technological Innovations: Regulatory Concerns. <i>Syeda Anber Zahra Youzhi Wu Javed Iqbal Banzeer Ahsan Abbasi Faiza Munir Shoaib Khan Rashid Iqbal Ghulam Murtaza Majid Hussain</i> In: <i>Climate Smart Agriculture for Future Food Security</i> , 1st Edition, Chapter 21, Pages 459–477 Citations: N/A DOI: https://doi.org/10.1007/978-981-96-4499-5_21	2025
From Single nc-RNAs to Networks: Understanding the Complexity of Environmental Adaption <i>Shumaila Ijaz Javed Iqbal Banzeer Ahsan Abbasi Zakir Ullah Tabassum Yaseen Faiza Munir Sajjad Hyder Sobia Kanwal Zulfiqar Ali Sahito Tariq Mahmood</i> In: <i>ncRNAs: Mediated Regulation</i> , Springer Nature Switzerland AG Citations: N/A DOI: https://doi.org/10.1007/978-3-031-69354-0	2024
Genome engineering in sugarcane <i>Qurat-ul-ain Ali Faiza Munir Saba Azeem Alvina Gul Khadija Ahmed</i> In: <i>Book on Targeted Genome Engineering via CRISPR/Cas9 in Plants</i> , 1st Edition, Chapter 17, Pages 329-341	2024

Citations: 1	
DOI: https://doi.org/10.1016/B978-0-443-26614-0.00008-4	
Genome engineering in sorghum	2024
<i>Maria Gilani Qurat Ul Ain Ali Faiza Munir Sarah Fatima Alvina Gul Rabia Amir Muhammad Ammar Ashar Hafiz Imran Fakhar</i>	
In: <i>Book on Targeted Genome Engineering via CRISPR/Cas9 in Plants</i> , 1st Edition, Chapter 15, Pages 297-311	
Citations: N/A	
DOI: https://doi.org/10.1016/B978-0-443-26614-0.00009-6	
Genomic engineering in peanut	2024
<i>Ahmad Ali Rabia Amir Alvina Gul Faiza Munir Kainat Ahmad Anum Akram</i>	
In: <i>Book on Targeted Genome Engineering via CRISPR/Cas9 in Plants</i> , 1st Edition, Chapter 8, Pages 159-175	
Citations: 1	
DOI: https://doi.org/10.1016/B978-0-443-26614-0.00018-7	
CRISPR-Cas9-mediated genome editing in fungi: Current scenario and future implications in agriculture, health, and industry.	2024
<i>Noor Ul Ain Malik Attia Rubab Khalid Alvina Gul Faiza Munir Ghulam Haider Muhammad Faraz Bhatti</i>	
In: <i>Targeted Genome Engineering via CRISPR/Cas9 in Plants</i> , 1st Edition, Chapter 3, Pages 35-62	
Citations: 2	
DOI: doi.org/10.1016/B978-0-443-26614-0.00022-9	
Genetic Transformation Methods in Cereal Crops	2023
<i>Noor-ul-Ain Malik Faiza Munir Saba Azeem Rabia Amir Maria Gillani Alvina Gul Aneela Mustafa Nosheen Fatima</i>	
In: <i>Book on Cereal Crops: Genetic Resources and Breeding Techniques</i> , 1st Edition, Chapter 12, Pages 269-290	
Citations: N/A	
DOI: 10.1201/9781003250845-12	
Metabolic Responses in Plants under Abiotic Stresses	2023
<i>Ahmad Ali Kiran Khurshid Namrah Ahmed Nida Mushtaq Rabia Amir Faiza Munir</i>	
In: <i>Book on Cereal Crops: Genetic Resources and Breeding Techniques</i> , 1st Edition, Chapter 10, Pages 201-233	
Citations: N/A	
DOI: 10.1201/9781003250845-10	
Metabolomics-Assisted Breeding for Enhancing Yield and Quality of Cereals	2023
<i>Qurat ul Ain Sani Nosheen Fatima Qurat ul Ain Ali Hira Rimsha Azhar Midhat Mahboob Salman Nawaz Faiza Munir Rabia Amir</i>	
In: <i>Book on Cereal Crops: Genetic Resources and Breeding Techniques</i> , 1st Edition, Chapter 9, Pages 173-200	
Citations: N/A	
DOI: 10.1201/9781003250845-9	
Phytohormones, plant growth and development	2023
<i>Noor Ul Ain Malik Oushna Fajer Laiba Amin Attiya Rubab Khalid Nabia Khan Muhammad Faraz Bhatti Faiza Munir Ghulam Haider Rabia Amir Alvina Gul</i>	
In: <i>Phytohormones and Stress Responsive Secondary Metabolites</i> , Chapter 14, Page:175-186	
Citations: 3	
DOI: 10.1016/B978-0-323-91883-1.00014-0	
Biochemical and Molecular Mechanisms of Abiotic Stress Tolerance	2020
<i>Maryam Khan Arooma Jannat Rabia Amir Faiza Munir Nosheen Fatima</i>	
In: <i>Book on Plant Ecophysiology and Adaptation under Climate Change: Mechanisms and Perspectives II</i> , Chapter 9, Pages 187-230	
Citations: 16	
DOI: 10.1007/978-981-15-2172-0	
Plant Signalling Under Adverse Environment	2020
<i>Qurat-ul-Ain Sani Wajahat Maqsood Adil Hussain Rabia Amir Faiza Munir</i>	
In: <i>Book on Plant Ecophysiology and Adaptation under Climate Change: Mechanisms and Perspectives I</i> , Chapter 21, Pages 605-624	
Citations: 16	
DOI: 10.1007/978-981-15-2156-0	
Pan-omics focused to Crick's central dogma	2020
<i>Anne Cybelle Pinto Gomide Syed Babar Jamal Henrique Cesar Pereira Figueiredo Siomar de Castro Soares Arun Kumar Jaiswal Sandeep Tiwari Guilherme Campos Tavares Wanderson Marques da Silva Letícia de Castro Oliveira Izabela Coimbra Ibraim Luis Carlos Guimarães Yan Pantoja Basant K. Tiwary Andreas Burkovski Hai Ha Pham Thi Nimat Ullah Amjad Ali Marta Giovanetti Luiz Carlos Junior Alcantara Jaspreet Kaur Dipali Dhawan Madangchanok Imchen Ranjith Kumavath Mauricio Corredor Debmalaya Barh Vasco Azevedo Raval Krishna Vennapu Faiza Munir</i>	
In: <i>Book on Pan-genomics: Applications, Challenges, and Future Prospects</i> , Chapter 1, Pages 1-41	
Citations: 3	

DOI: <https://doi.org/10.1016/B978-0-12-817076-2.00001-9>

Pan-genomics of plants and its applications

2020

Noor Ul Saba Muneeba Arveen Amnah Siddiqua Jamil Ahmad Faiza Munir Rabia Amir

In: *Book on Pan-genomics: Applications, Challenges, and Future Prospects*, Chapter 14, Pages 285-306

Citations: 3

DOI: <https://doi.org/10.1016/B978-0-12-817076-2.00014-7>

Pan-genomics of plant pathogens and its applications

2020

Qurat-ul-Ain Sani Wajahat Maqsood Nosheen Fatima Amnah Siddiqua Jamil Ahmad Rabia Amir Faiza Munir

In: *Book on Pan-genomics: Applications, Challenges, and Future Prospects*, Chapter 6, Pages 121-145

Citations: 6

DOI: <https://doi.org/10.1016/B978-0-12-817076-2.00006-8>

Role of Signaling Pathways in Improving Salt Stress in Plants

2019

Rabia Amir Faiza Munir Ghulam Kubra Irum Nauman Norina Noor

In: *Book on Salt Stress, Microbes, and Plant Interactions: Mechanisms and Molecular Approaches*, Pages 183-211

Citations: 5

DOI: https://doi.org/10.1007/978-981-13-8805-7_9

Use of Plant Hormones for the Improvement of Plant Growth and Production Under Salt Stress

2019

Rabia Amir Faiza Munir Maryam Khan Tooba Iqbal

In: *Salt Stress, Microbes, and Plant Interactions: Causes and Solution*, Chapter 3, Pages 59-90

Citations: 9

DOI: [10.1007/978-981-13-8801-9_3](https://doi.org/10.1007/978-981-13-8801-9_3)

Plant Signaling Molecules and Cadmium Stress Tolerance

2019

Ghulam Kubra Tooba Iqbal Maryam Khan Rabia Amir Faiza Munir

In: *Cadmium Tolerance in Plants*, Chapter 14, Pages 367-399

Citations: 5

DOI: [10.1016/B978-0-12-815794-7.00014-X](https://doi.org/10.1016/B978-0-12-815794-7.00014-X)

Influence of Phytoprotectants on Abiotic Stress Signaling in Plants

2019

Rumana Keyani Tooba Iqbal Maryam Khan Rabia Amir Faiza Munir

In: *Plant Tolerance to Environmental Stress - Role of Phytoprotectants*, Chapter 2, Pages 9-28

Citations: N/A

DOI: [10.1201/9780203705315](https://doi.org/10.1201/9780203705315)

Stress Signaling Under Metal and Metalloid Toxicity

2018

Rabia Amir Saman Taufiq Norina Noor Irum Nauman Faiza Munir Rumana Keyani Ayesha T. Tahir

In: *Book on Plants Under Metal and Metalloid Stress: Responses, Tolerance and Remediation*, Pages 149-184

Citations: 10

DOI: [10.1007/978-981-13-2242-6_5](https://doi.org/10.1007/978-981-13-2242-6_5)

Plants Adaptive Mechanisms under Arsenic Pollution

2018

Rabia Amir Momina Hayat Irum Nauman Marrium Khan Faiza Munir

In: *Book on Mechanisms of Arsenic Toxicity and Tolerance in Plants*, Pages 171-190

Citations: 3

DOI: [10.1007/978-981-13-1292-2_7](https://doi.org/10.1007/978-981-13-1292-2_7)

Editorial Activities

2020

Reviewed Papers for Journals

Impact Factor: -