Faiza Munir

Associate Professor

Atta-Ur-Rahman School of Applied Biosciences

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LinkedIn:

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 317, carried out 3 projects and filed 0 intellectual property.

Qualifications

PhD in Plant Biotechnology 2010 - 2015
Quaid-i-Azam University , Pakistan

MPhil in Plant Biochemistry And Molecular Biology 2008 - 2010
Quaid-i-Azam University , Pakistan

MSc in Botany 2006 - 2008
Quaid-i-Azam University , Pakistan

BSc in Botany, Zoology, Chemistry 2003 - 2005
University of the Punjab , Pakistan

Experience

Associate Professor 2022- Present
Atta-Ur-Rahman School of Applied Biosciences

Assistant Professor 2020 - 2022
Atta-Ur-Rahman School of Applied Biosciences

Assistant Professor 2017 - 2020
Atta-Ur-Rahman School of Applied Biosciences

Assistant Professor 2017 - 2017
Atta-Ur-Rahman School of Applied Biosciences

Assistant Professor 2016 - 2017
Atta-Ur-Rahman School of Applied Biosciences

Awards

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

Research Projects

National Projects

Elucidating the effects of organic amendment and nitrogen sources on flavonoids and nitrogen fixation in Arachis hypogaea. 2022

Funding Agency: HEC
Amount: PKR 11,260,000.00
Status: Approved_inprocess

Development of transgenic resistance in Solanum tuberosum L. against abiotic stress, by the expression of DREB protein gene. 2018

Funding Agency: HEC
Amount: PKR 3,137,000.00
Status: Completed

Isolation and characterization of the gene(s) involved in salt-stress signaling in potato. 2016

Funding Agency: Higher Education Commission, Islamabad
Amount: PKR 455,000.00
Status: Completed

International Projects

Research Articles

Photo-Induced Synthesis of Silver Nanoparticles Using Bacillus safensis as Elicitors for Enhanced Growth of Fenugreek in Hydroponic 2025

Linta Jadoon Alvina Gul Hunaiza Fatima Rabia Amir Faiza Munir MUASTAFEEZ MUJTABA BABAR

Applied Biochemistry and Biotechnology, Pages:21

Impact Factor: N/A | **Quartile:** 2
DOI: https://doi.org/10.1007/s12010-025-05313-1

Evaluation of Wheat Landrace Germplasm for Agronomic Disease Susceptibility and Quality Traits Using Kompetitive Allele-Specific PCR (KASP) Markers 2025

Sumaira Salahudin Loddhi Alvina Gul Peter John Rabia Amir Faiza Munir Muhammad Jamil Hadi Alipour Bengu Turkiyalamaz Unal Munir Ozturk

Anadolu Journal of Agricultural Sciences, Volume 40, No. 2, Pages 221-238

Impact Factor: N/A
DOI: https://doi.org/10.7161/omuanajas.1561421

In silico identification and functional annotation of universal stress protein (USP) gene family in Chenopodium quinoa 2025

Hajira Imran Alvina Gul Rehan Zafar Paracha Rabia Amir Faiza Munir Muhammad Faraz Bhatti

Scientific Reports, Volume 15, Article Number 18264

Impact Factor: 3.800 | **Quartile:** 1
DOI: https://doi.org/10.1038/s41598-025-03264-5

An A-6 subgroup member of DREB gene family positively regulates cold stress tolerance by modulating an antioxidant defense system in transgenic potato 2025

Saba Azeem Faiza Munir Alvina Gul Rabia Amir

Scientific Reports, Volume 15, Article Number: 15421

Impact Factor: 3.800 | **Quartile:** 1 | **Citations:** 1
DOI: 10.1038/s41598-025-98886-0

Molecular modelling and gene expression analysis to probe the GT-γ trihelix transcription factors in Solanum tuberosum under drought stress 2025

Tayyaba Bint Tariq Faiza Munir ISHRAT JABEEN Alvina Gul Rabia Amir

Scientific Reports, Volume 15, Article Number: 12471

Impact Factor: 3.800 | **Quartile:** 1
DOI: https://doi.org/10.1038/s41598-025-96485-7

Overexpression of StDREB30 Gene Enhances Salt Stress Tolerance in Transgenic Potato 2024

Qurat-ul-ain Ali Faiza Munir Muhammad Faraz Bhatti Rabia Amir Alvina Gul

Potato Research, Pages 1-23

Impact Factor: 2.300 | **Quartile:** 1
DOI: https://doi.org/10.1007/s11540-024-09811-3

Biochar and PGPR: A Winning Combination for Peanut Growth and Nodulation under Dry Spell 2024

Tashfeen Alam Fatima Bibi Hunaiza Fatima Faiza munir Alvina Gul Ghulam Haider Muhammad Jahanzaib Rabia Amir

Journal of Soil Science and Plant Nutrition, Pages: 16

Impact Factor: 3.4 | **Quartile:** 1 | **Citations:** 2

DOI: https://doi.org/10.1007/s42729-024-02067-3

Cloning and overexpression of the DREB30 gene enhances drought and osmotic stress tolerance in transgenic potato 2024

Qurat Ul Ain Ali Faiza Munir Muhammad Tahir Rabia Amir Alvina Gul

Journal of Plant Interactions, Volume 19, No. 1, Article Number 2364656

Impact Factor: 2.600 | **Quartile:** 2 | **Citations:** 4

DOI: 10.1080/17429145.2024.2364656

Alkaloid rich hydroponic chili for AgNPs synthesis against multidrug resistant Staphylococcus aureus infected burn wounds 2024

Hunaiza Fatima Alvina Gul Linta Jadoon Syed Damin Abbas Hamdani Tausif Ahmed Rajput Rabia Amir Faiza Munir Mustafeez Mujtaba Babar

Process Biochemistry , Volume: 141, Pages 170-178

Impact Factor: 4.4 | **Quartile:** 2 | **Citations:** 1

DOI: 10.1016/j.procbio.2024.03.014

Genome-wide analysis of heavy metal ATPases (HMAs) in Poaceae species and their potential role against copper stress in Triticum aestivum 2023

Tuba Sharf Batool Alvina Gul Rehan Zafar Paracha Mahnoor Ilyas Kathryn De Abreu Faiza Munir Rabia Amir Lorraine E. Williams Roohi Aslam

Scientific Reports , Volume 13, Article Number 7551

Impact Factor: 4.996 | **Quartile:** 2 | **Citations:** 11

DOI: https://doi.org/10.1038/s41598-023-32023-7

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 2023

Qurat-ul-Ain Hira Midhat Mehboob Rimsha Azhar Faiza Munir Alvina Gul Asim Hayat Tariq Shah Rabia Amir

Frontiers in Plant Science, Volume 14, Article Number 1139136

Impact Factor: 6.627 | **Quartile:** 1 | **Citations:** 2

DOI: 10.3389/fpls.2023.1139136

Anti-MRSA potential of biogenic silver nanoparticles synthesized from hydroponically grown Foeniculum vulgare 2023

Hunaiza Fatima Syed Damin Abbas Hamdani Madiha Ahmed Tausif Ahmed Rajput Alvina Gul Rabia Amir Faiza Munir Sohaib Zafar Malik Mustafeez Mujtaba Babar

Phytomedicine Plus , Volume 3, Issue 1, Article Number 100415

Impact Factor: N/A | **Citations:** 15

DOI: https://doi.org/10.1016/j.phyplu.2023.100415

Genome-wide identification, comprehensive characterization of transcription factors, cis-regulatory elements, protein homology, and protein interaction network of DREB gene family in Solanum lycopersicum 2022

Hajra Maqsood Faiza Munir Rabia Amir Alvina Gul

Frontiers in Plant Science, Volume 13, Article Number 1031679

Impact Factor: 6.627 | **Quartile:** 1 | **Citations:** 26

DOI: https://doi.org/10.3389/fpls.2022.1031679

Genome wide identification and characterization of nodulation related genes in Arachis hypogaea 2022

Kiran Khurshid Anum Akram Ahmad Ali Faiza Munir Alvina Gul Ghulam Haider Zuhra Qayyum Rabia Amir

PLOS ONE , Volume 17, Issue 9, Article Number e0273768

Impact Factor: 3.752 | **Quartile:** 2 | **Citations:** 2

DOI: https://doi.org/10.1371/journal. pone.0273768

Identification and Expression Analysis of Stilbene Synthase Genes in Arachis hypogaea in Response to Methyl Jasmonate and Salicylic Acid Induction 2022

Zuhra Qayyum Fatima Noureen Maryam Khan Marrium Khan Ghulam Haider Faiza Munir Alvina Gul Rabia Amir

Plants , Volume 11, Issue 13, Article Number 1776

Impact Factor: 4.658 | **Quartile:** 1 | **Citations:** 10

DOI: https://doi.org/10.3390/ plants11131776

Photoperiod and water-deficient conditions differentially regulate structural flavonoid biosynthetic genes in peanuts 2022

Maryam Khan Saman Taufiq Irum Nauman Norina Noor Tooba Iqbal Hina Ali Rehan Zafar Paracha Faiza Munir Alvina Gul Rabia Amir

Journal of Plant Interactions, Volume 17(1), Pages 620-631

Impact Factor: 4.208 | **Quartile:** 1 | **Citations:** 1

DOI: https://doi.org/10.1080/17429145.2022.2076940

Genome-wide promoter analysis, homology modeling and protein interaction network of Dehydration Responsive Element Binding (DREB) gene family in Solanum tuberosum 2021

Qurat-ul-ain Ali Nida Mushtaq Rabia Amir Alvina Gul Muhammad Tahir Faiza Munir

PLoS One , Volume 16(12), Article Number e0261215

Impact Factor: 3.240 | **Quartile:** 2 | **Citations:** 42

DOI: 10.1371/journal.pone.0261215

Genetic gain and G × E interaction in bread wheat cultivars representing 105 years of breeding in Pakistan 2021

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

Crop Science , Volume 62, Issue 1, Pages 178-191

Impact Factor: 2.319 | **Quartile:** 2 | **Citations:** 10

DOI: https://doi.org/10.1002/csc2.20655

Characterization of the genetic basis of local adaptation of wheat landraces from Iran and Pakistan using genome-wide association study 2021

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

Plant Genome , Article Number e20096, Pages 1-17

Impact Factor: 4.219 | **Quartile:** 1 | **Citations:** 10

DOI: DOI: 10.1002/tpg2.20096

Genome-wide analysis, identification, evolution and genomic organization of dehydration responsive element-binding (DREB) gene family in Solanum tuberosum 2021

Nida Mushtaq Faiza Munir Alvina Gul Rabia Amir Rehan Zafar Paracha

PeerJ , Volume 9, Article Number e11647

Impact Factor: 3.061 | **Quartile:** 2 | **Citations:** 26

DOI: 10.7717/peerj.11647

Expression Characterization of Flavonoid Biosynthetic Pathway Genes and Transcription Factors in Peanut Under Water Deficit Conditions 2021

Ghulam Kubra Maryam Khan Faiza Munir Alvina Gul Tariq Shah Adil Hussain David Caparros-Ruiz Rabia Amir

Frontiers in Plant Science, Volume 12, Article Number 680368

Impact Factor: 6.627 | **Quartile:** 1 | **Citations:** 17

DOI: https://doi.org/10.3389/fpls.2021.680368

Evaluating the cleavage efficacy of CRISPR-Cas9 sgRNAs targeting ineffective regions of Arabidopsis thaliana genome 2021

Afsheen Malik Alvina Gul Faiza Munir Rabia Amir Hadi Alipour Mustafeez Mujtaba Babar Syeda Marriam Bakhtiar Rehan Zafar Paracha Zoya Khalid Muhammad Qasim Hayat

PeerJ , Volume 9, Article Number e11409

Impact Factor: 3.061 | **Quartile:** 2 | **Citations:** 8

DOI: https://doi.org/10.7717/peerj.11409

Molecular characterization of Leucoanthocyanidin reductase and Flavonol synthase gene in Arachis hypogaea 2021

rabia amir Faiza Munir Alvina Gul Ghulam Kubra Maryam Khan Sidra Hussain Tooba Iqbal Jan Muhammad Hina Ali

Saudi Journal of Biological Sciences, 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

Classification and Computational Analysis of Arabidopsis thaliana Sperm Cell-Specific F-Box Protein Gene 3p.AtFBP113 2020

Afsheen Malik Alvina Gul Rabia Amir Faiza Munir Mustafeez Mujtaba Babar Syeda Marriam Bakhtiar Muhammad Qasim Hayat Rehan Zafar Paracha Zoya Khalid Hadi Alipour

Frontiers in Genetics, Volume 11, Article Number 609668

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 2018

Tariq Mahmood Tamkeen Tahir Faiza Munir Zabta Khan Shinwari

Computational Biology and Chemistry, NULL

Impact Factor: 1.581 | **Quartile:** 3 | **Citations:** 6
DOI: https://doi.org/10.1016/j.compbiolchem.2018.02.015

Germin-like protein 2 gene promoter from rice is responsive to fungal pathogens in transgenic potato plants 2016

Faiza Munir Satomi Hayash Jacqueline Batley Syed Muhammad Saqlan Naqvi Tariq Mahmood

Functional and Integrative Genomics, Volume 16, Issue 1, Pages 19-27

Impact Factor: 3.496 | **Quartile:** 2 | **Citations:** 23
DOI: 10.1007/s10142-015-0463-y

Phylogenetic Studies of Selected Citrus Species Based on Chloroplast Gene, rps14 2013

Shumaila Wali Faiza Munir Tariq Mahmood

International Journal of Agriculture and Biology , Volume 15, Issue 2, Pages 357-361

Impact Factor: 0.902 | **Quartile:** 2
DOI: 12–557/2013/15–2–357–361

In vitro and in silico characterization of Solanum lycopersicum wound-inducible proteinase inhibitor-II gene 2013

Faiza Munir Syed Muhammad Saqlan Naqvi Tariq Mahmood

Turkish Journal of Biology (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

In vitro Callogenesis and Detection of Somaclonal Variations in Plantago ovata L. 2012

Tariq Mahmood Ayesha Jameel Bilal Haider Abbasi Faiza Munir Syed Muhammad Saqlan Naqvi

Journal of Crop Science and Biotechnology, Volume 15, Issue 4 , Pages 289 - 295

Impact Factor: 0
DOI: 10.1007/s12892-012-0014-1

In vitro culturing and assessment of somaclonal variation of Solanum tuberosum var. desiree 2011

Faiza Munir Syed Muhammad Saqlan Naqvi Tariq Mahmood

Turkish Journal of Biochemistry, Volume: 36 Issue: 4 Pages: 296-302

Impact Factor: 0.258 | **Quartile:** 4
DOI: -

Book Chapters

Climate Change and Crops: Adaptation and Strategies to Tackle Its Outcome 2025

Faiza Munir Tayyaba Bint Tariq Saba Azeem Sarah Fatima Javed Iqbal Banzeer Ahsan Abbasi Shoaib Khan Syeda Anber Zahra Majid Hussain

In: *Climate Smart Agriculture for Future Food Security*, 1st Edition, Chapter 6, Pages 143-170

Citations: N/A
DOI: https://doi.org/10.1007/978-981-96-4499-5_6

Climate Change and Technological Innovations: Regulatory Concerns. 2025

Syeda Anber Zahra Youzhi Wu Javed Iqbal Banzeer Ahsan Abbasi Faiza Munir Shoaib Khan Rashid Iqbal Ghulam Murtaza Majid Hussain

In: *Climate Smart Agriculture for Future Food Security*, 1st Edition, Chapter 21, Pages 459–477

Citations: N/A
DOI: https://doi.org/10.1007/978-981-96-4499-5_21

From Single nc-RNAs to Networks: Understanding the Complexity of Environmental Adaption 2024

Shumaila Ijaz Javed Iqbal Banzeer Ahsan Abbasi Zakir Ullah Tabassum Yaseen Faiza Munir Sajjad Hyder Sobia Kanwal Zulfiqar Ali Sahito Tariq Mahmood

In: *ncRNAs: Mediated Regulation*, Springer Nature Switzerland AG

Citations: N/A
DOI: https://doi.org/10.1007/978-3-031-69354-0

Genome engineering in sorghum 2024

Maria Gilani Qurat Ul Ain Ali Faiza Munir Sarah Fatima Alvina Gul Rabia Amir Muhammad Ammar Ashar Hafiz Imran Fakhar

In: *Book on Targeted Genome Engineering via CRISPR/Cas9 in Plants*, 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
Ahmad Ali Rabia Amir Alvina Gul Faiza Munir Kainat Ahmad Anum Akram
In: *Book on Targeted Genome Engineering via CRISPR/Cas9 in Plants*, 1st Edition, Chapter 8, Pages 159-175
Citations: N/A
DOI: https://doi.org/10.1016/B978-0-443-26614-0.00018-7

Genome engineering in sugarcane 2024
Qurat-ul-ain Ali Faiza Munir Saba Azeem Alvina Gul Khadija Ahmed
In: *Book on Targeted Genome Engineering via CRISPR/Cas9 in Plants*, 1st Edition, Chapter 17, Pages 329-341
Citations: 1
DOI: https://doi.org/10.1016/B978-0-443-26614-0.00008-4

CRISPR-Cas9-mediated genome editing in fungi: Current scenario and future implications in agriculture, health, and industry. 2024
Noor Ul Ain Malik Attia Rubab Khalid Alvina Gul Faiza Munir Ghulam Haider Muhammad Faraz Bhatti
In: *Targeted Genome Engineering via CRISPR/Cas9 in Plants*, 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
Noor-ul-Ain Malik Faiza Munir Saba Azeem Rabia Amir Maria Gillani Alvina Gul Aneela Mustafa Nosheen Fatima
In: *Book on Cereal Crops: Genetic Resources and Breeding Techniques*, 1st Edition, Chapter 12, Pages 269-290
Citations: N/A
DOI: 10.1201/9781003250845-12

Metabolomics-Assisted Breeding for Enhancing Yield and Quality of Cereals 2023
Qurat ul Ain Sani Nosheen Fatima Qurat ul Ain Ali Hira Rimsha Azhar Midhat Mahboob Salman Nawaz Faiza Munir Rabia Amir
In: *Book on Cereal Crops: Genetic Resources and Breeding Techniques*, 1st Edition, Chapter 9, Pages 173-200
Citations: N/A
DOI: 10.1201/9781003250845-9

Metabolic Responses in Plants under Abiotic Stresses 2023
Ahmad Ali Kiran Khurshid Namrah Ahmed Nida Mushtaq Rabia Amir Faiza Munir
In: *Book on Cereal Crops: Genetic Resources and Breeding Techniques*, 1st Edition, Chapter 10, Pages 201-233
Citations: N/A
DOI: 10.1201/9781003250845-10

Phytohormones, plant growth and development 2023
Noor Ul Ain Malik Oushna Fajer Laiba Amin Attiya Rubab Khalid Nabia Khan Muhammad Faraz Bhatti Faiza Munir Ghulam Haider Rabia Amir Alvina Gul
In: *Phytohormones and Stress Responsive Secondary Metabolites*, 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
Maryam Khan Arooma Jannat Rabia Amir Faiza Munir Nosheen Fatima
In: *Book on Plant Ecophysiology and Adaptation under Climate Change: Mechanisms and Perspectives II*, Chapter 9, Pages 187-230
Citations: 16
DOI: 10.1007/978-981-15-2172-0

Plant Signalling Under Adverse Environment 2020
Qurat-ul-Ain Sani Wajahat Maqsood Adil Hussain Rabia Amir Faiza Munir
In: *Book on Plant Ecophysiology and Adaptation under Climate Change: Mechanisms and Perspectives 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
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 Debmalya Barh Vasco Azevedo Ravali Krishna Vennapu Faiza Munir
In: *Book on Pan-genomics: Applications, Challenges, and Future Prospects*, 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

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

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

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

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

Editorial Activities

2020

Reviewed Papers for Journals

Impact Factor: -