Ghulam Haider

Associate Professor

Atta-Ur-Rahman School of Applied Biosciences

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About

Dr. Ghulam Haider is working as Associate Professor in the Atta-Ur-Rahman School of Applied Biosciences. Dr. Ghulam Haider has a PhD in Plant Ecology. Dr. Ghulam Haider has published 48 research articles & conference papers having a citation count of 1730, carried out 7 projects and filed 0 intellectual property.

Qualifications

PhD in Plant Ecology 2012 - 2016
Justus Liebig Universität Gießen , Germany

MS in Agronomy 2006 - 2008
University of Agriculture Faisalabad , Pakistan

BS in Agriculture) 2004 - 2006
BZU, Multan , Pakistan

Experience

Associate Professor 2024- Present
Atta-Ur-Rahman School of Applied Biosciences

Associate Professor 2022 - 2024
Atta-Ur-Rahman School of Applied Biosciences

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

Assistant Professor 2018 - 2020
MNS University of Agriculture Multan , MNS University of Agriculture Multan, Old Shujjabad Road, Multan

Researcher 2018 - 2018
Hochschule Geisenheim University, Geisenheim Germany , Geisenheim, Germany

Assistant Professor 2017 - 2018
MNS University of Agriculture Multan , MNS University of Agriculture Multan, Old Shujjabad Road, Multan

Awards

GGL Appreciation Award 2014
Received appreciation award for being member of organizing committee of 7th GGL Conference 2014 at Justu-Liebig University Giessen Germany

Professional Memberships

IBI Since 2015

Research Projects

National Projects

Establishment of Phage Therapy Center at NUST 2024

Funding Agency: NUST
Amount: PKR 1,000,000.00
Status: Approved_inprocess

Studying barriers and devising strategies for the adoption of sustainable residue management technologies for climate resilience in Pakistan. 2024

Funding Agency: ZHAW Leading House South Asia and Iran
Amount: PKR 11,195,478.00
Status: Approved_inprocess

Sustainable Crop Residue Management for Climate Resilience in Pakistan 2024

Funding Agency: Climate Intervention Environmental Impact Fund (CIEIF), USA
Amount: PKR 12,040,000.00
Status: Approved_inprocess

Assessing Pakistan's GHG emissions and scaling up globally accepted CO2 removal strategies via C-sink trading: Academic capacity building for a climate-resilient agriculture for Pakistan 2023

Funding Agency: DAAD Germany
Amount: PKR 24,686,010.00
Status: Approved_inprocess

CROP RESIDUE TO REVENUE AT THE FARM (R2R) 2022

Funding Agency: The swiss global network for education, research and innovation
Amount: PKR 1,105,000.00
Status: Completed

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

Carbon fertilizers for reducing greenhouse gas emission and improving food security 2020

Funding Agency: DAAD
Amount: PKR 7,565,701.00
Status: Completed

International Projects

Research Articles

Three-year remediation evaluation for arsenic and cadmium co-contaminated acidic and alkaline paddy fields: Insights on availability, bioaccumulation, health risk, and cost 2025

Jian Liu Jun Meng Zhangtao Li Linling Xu Xiangxue Xu Ye Wu Ghulam Haider Dong Yang Shengdao Shan

Journal of Environmental Chemical Engineering, Volume:13, Issue:2, Article Number 116054

Impact Factor: 7.200 | **Quartile:** 1
DOI: https://doi.org/10.1016/j.jece.2025.116054

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

Unravelling the influence of microplastics with/without additives on radish (Raphanus sativus) and microbiota in two agricultural soils differing in pH 2024

Jun Meng Chengmei Diao Zhonghua Cui Zhangtao Li Jiayi Zhao Haibo Zhang Minjun Hu Jun Xu Yugen Jiang Ghulam Haider Dong Yang Shengdao Shan Huaihai Chen

Journal of Hazardous Materials, Volume 478, Article Number 135535

Impact Factor: 12.200 | **Quartile:** 1 | **Citations:** 2
DOI: https://doi.org/10.1016/j.jhazmat.2024.135535

Biodegradable maleic–itaconic polymer-coated phosphatic fertilizer improved phosphorous recovery in calcareous soil 2024

Mairaj Khalid Muhammad Bilal Khan Niazi Ghulam Haider Zaib Jahan Munir Zia Rafiq Ahmad Asim Hayat Tariq Shah

Journal of Plant Nutrition and Soil Science, Volume 187, Issue 3, Pages 415-425

Impact Factor: 2.600 | **Quartile:** 1

DOI: https://doi.org/10.1002/jpln.202300197

Mycorrhizosphere bacteria inhibit greenhouse gas emissions from microplastics contaminated soil by regulating soil enzyme activities and microbial community structure 2024

Zeeshan Khan Ghulam Haider Fazal Adnan Zeshan Muhammad Faraz Bhatti Tariq Shah Parvaiz Ahmad

Journal of Environmental Management, Volume 356, Article Number 120673

Impact Factor: 8.700 | **Quartile:** 1 | **Citations:** 8

DOI: https://doi.org/10.1016/j.jenvman.2024.120673

Metal-tolerant morganella morganii isolates can potentially mediate nickel stress tolerance in Arabidopsis by upregulating antioxidative enzyme activities 2024

Tahir Naqqash Aeman Aziz Muhammad Babar Muhammad Shahid Muhammad Sajid Radicetti Emanuele Abdel-Rhman Z. Gaafar Mohamed S. Hodhod Ghulam Haider

Plant Signalling and Behavior, Volume:19, Issue:1, Article Number e2318513 (12 pages)

Impact Factor: 2.800 | **Quartile:** 2 | **Citations:** 3

DOI: https://doi.org/10.1080/15592324.2024.2318513

Acidified manure and nitrogen-enriched biochar showed short-term agronomic benefits on cotton–wheat cropping systems under alkaline arid field conditions 2023

Suleman Haider Shah Muhammad Baqir Hussain Ghulam Haider Tanveer Ul Haq Zahir Ahmad Zahir Subhan Danish Bilal Ahamad Paray Claudia Kammann

Scientific Reports , Volume 13, Article Number 22504

Impact Factor: 4.6 | **Quartile:** 2 | **Citations:** 9

DOI: https://doi.org/10.1038/s41598-023-48996-4

How Does Sustainable Management Practices Affect Weed Flora and Tuber Yield of Potato Crop in Mediterranean Environment? 2023

Emanuele Radicetti Khan Amanullah Verdiana Petroselli Mariam Atait Mohamed Allam Adil Mihoub Aftab Jamal Alireza Taab Ghulam Haider Morad Mirzaei Roberto Mancinelli

Gesunde Pflanzen , Pages 1-10

Impact Factor: 3.1 | **Quartile:** 1

DOI: https://doi.org/10.1007/s10343-023-00953-x

Microplastics drive microbial assembly, their interactions, and metagenomic functions in two soils with distinct pH and heavy metal availability 2023

Jun Meng Wenjin Li Chengmei Diao Zhangtao Li Jiayi Zhao Ghulam Haider Haibo Zhang Jun Xu Minjun Hu Shengdao Shan Huaihai Chen

Journal of Hazardous Materials, Volume:458, Article Number:131973

Impact Factor: 13.6 | **Quartile:** 1 | **Citations:** 44

DOI: 10.1016/j.jhazmat.2023.131973

Heavy metal-resistant rhizobacteria fosters to alleviate the cadmium toxicity in Arabidopsis by upregulating the plant physiological responses 2023

Tahir Naqqash Aeman Aziz Madiha Gohar Jallat Khan Shahbaz Ali Emanuele Radicetti Muhammad Babar Manzer H. Siddiqui Ghulam Haider

International Journal of Phytoremediation, Pages 1-12

Impact Factor: 3.7 | **Quartile:** 2 | **Citations:** 7

DOI: DOI: 10.1080/15226514.2023.2253923

Biochar alleviated the toxic effects of PVC microplastic in a soil-plant system by upregulating soil enzyme activities and microbial abundance 2023

Attia Rubab Khalid Tariq Shah Muhammad Asad Ahmad Ali Eisha Samee Fazal Adnan Muhammad Faraz Bhatti Sven Marhan Claudia I. Kammann Ghulam Haider

Environmental Pollution , Volume 332, Article Number 121810

Impact Factor: 8.9 | **Quartile:** 1 | **Citations:** 55

DOI: https://doi.org/10.1016/j.envpol.2023.121810

Microplastics alter soil enzyme activities and microbial community structure without negatively affecting plant growth in an agroecosystem 2023

Tariq Shah Ahmad Ali Ghulam Haider Muhammad Asad Fazal Munsif

Chemosphere , Volume 322, Article Number 138188

Impact Factor: 8.943 | **Quartile:** 1 | **Citations:** 78

DOI: https://doi.org/10.1016/j.chemosphere.2023.138188

Strigolactone-Mediated Oxidative Stress Alleviation in Brassica rapa Through Upregulating Antioxidant System Under Water Deficit Conditions 2023

Ahmad Ali Tariq Shah Ghulam Haider Masood Iqbal Awan Madiha Gohar Fazal Munsif Ijaz Ahmad

Journal of Plant Growth Regulation, Pages 1-13

Impact Factor: 4.640 | **Quartile:** 1 | **Citations:** 13

DOI: https://doi.org/10.1007/s00344-023-10925-0

Development and testing of zinc sulfate and zinc oxide nanoparticle coatings over urea fertilizer to improve N and Zn use efficiency 2023

Bilal Beig Muhammad Bilal Khan Niazi Zaib Jahan Ghulam Haider Munir Zia Ghulam Abbas Shah Zahid Iqbal Asim Hayat

Frontiers in Plant Science, Volume 13, Article Number 1058219

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

DOI: 10.3389/fpls.2022.1058219

Different feedstocks of biochar affected the bioavailability and uptake of heavy metals by wheat (Triticum aestivum L.) plants grown in metal contaminated soil 2023

Muhammad Ahmar Amin Ghulam Haider Muhammad Rizwan H. Kate Schofield Muhammad Farooq Qayyum Muhammad Zia-ur-Rehman Shafaqat Ali

Environmental Research , Volume 217, Article Number 114845

Impact Factor: 8.431 | **Quartile:** 1 | **Citations:** 33

DOI: https://doi.org/10.1016/j.envres.2022.114845

Biochar Amendment in Combination with Endophytic Bacteria Stimulates Photosynthetic Activity and Antioxidant Enzymes to Improve Soybean Yield Under Drought Stress 2022

Fahim Nawaz Rashid Rafeeq Sadia Majeed Muhammad Shoaib Ismail Muhammad Ahsan Khawaja Shafique Ahmad Ahsan Akram Ghulam Haider

Journal of Soil Science and Plant Nutrition, Pages 1-15

Impact Factor: 3.600 | **Quartile:** 2 | **Citations:** 39

DOI: https://doi.org/10.1007/s42729-022-01079-1

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

Lead-Resistant Morganella morganii Rhizobacteria Reduced Lead Toxicity in Arabidopsis thaliana by Improving Growth, Physiology, and Antioxidant Activities 2022

Tahir Naqqash Aeman Aziz Muhammad Babar Syed Bilal Hussain Ghulam Haider Muhammad Shahid Muther Mansoor Qaisrani Muhammad Arshad Muhammad Kashif Hanif Roberto Mancinelli Emanuele Radicetti

Agriculture , Volume 12(8), Article Number 1155

Impact Factor: 3.408 | **Quartile:** 1 | **Citations:** 10

DOI: https://doi.org/10.3390/agriculture12081155

Nano-fertilizers: A sustainable technology for improving crop nutrition and food security 2022

Ali MuradJakhar Irfan Aziz Abdul Rasheed Kaleri Maria Hasnain Ghulam Haider Jiahua Ma Zainul Abideen

NanoImpact , Volume 27, Article Number 100411

Impact Factor: 6.038 | **Quartile:** 2 | **Citations:** 167

DOI: https://doi.org/10.1016/j.impact.2022.100411

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

Co-pyrolysis of sewage sludge and metal-free/metal-loaded polyvinyl chloride (PVC) microplastics improved biochar properties and reduced environmental risk of heavy metals 2022

Wenjin Li Jun Meng Yule Zhang Ghulam Haider Tida Ge Haibo Zhang Yijun Yu Shengdao Shan Zhangtao Li

Environmental Pollution , Volume 302, Article Number 119092

Impact Factor: 8.9 | **Quartile:** 1 | **Citations:** 40

DOI: https://doi.org/10.1016/j.envpol.2022.119092

Physiological response of mango transplants to phytohormones under salinity stress 2022

Moustafa A.A.Muhammed Abdel Kareem S.H.Mohamed Muhammad FarooqQayyum Ghulam Haider Hassan A.M.Ali

Scientia Horticulturae , Volume 296, Article Number 110918

Impact Factor: 3.463 | **Quartile:** 1 | **Citations:** 17
DOI: https://doi.org/10.1016/j.scienta.2022.110918

The impact of biochar on the activities of soil nutrients acquisition enzymes is potentially controlled by the pyrolysis temperature: A meta-analysis 2022

Xiaolin Liao Hojeong Kang Ghulam Haider Weifeng Wang Saadatullah Malghani
Geoderma , Volume 411, Article Number 115692
Impact Factor: 6.114 | **Quartile:** 1 | **Citations:** 58
DOI: https://doi.org/10.1016/j.geoderma.2021.115692

Biochar and slow-releasing nitrogen fertilizers improved growth, nitrogen use, yield, and fiber quality of cotton under arid climatic conditions 2021

Sobia Manzoor Muhammad Habib-ur-Rahman Ghulam Haider Iqra Ghafoor Saeed Ahmad Muhammad Afzal Fahim Nawaz Rashid Iqbal Mubashra Yasin Tanveer-ul-Haq Suhan Danish Abdul Ghaffar
Environmental Science and Pollution Research, Pages 1-14
Impact Factor: 5.190 | **Quartile:** 2 | **Citations:** 36
DOI: https://doi.org/10.1007/s11356-021-16576-6

TRAP transporter TakP; A key player in the resistance against selenite-induced oxidative stress in Rhodobacter sphaeroides 2021

Fazal Adnan Amna Jalil Tahir Ahmed Afra Rahman Nawal Dawood Ghulam Haider Muhammad Faisal Siddiqui Leon Rostock Sebastian Guenther Katharina Schaufler
Microbiological Research, Volume 252, Article Number 126828
Impact Factor: 5.415 | **Quartile:** 1 | **Citations:** 4
DOI: https://doi.org/10.1016/j.micres.2021.126828

Chemical and Biological Enhancement Effects of Biochar on Wheat Growth and Yield Under Arid Field Conditions 2021

Zarmeena Khan Muhammad Habib ur Rahman Ghulam Haider Rabia Amir Rao Muhammad Ikram Shakeel Ahmad Hannah Kate Schofield Bilal Riaz Rashid Iqbal Shah Fahad Rahul Datta Alaa Baazeem Ayman EL Sabagh Subhan Danish
Sustainability , Volume 13(11), Article Number 5890
Impact Factor: 3.889 | **Quartile:** 2 | **Citations:** 45
DOI: https://doi.org/10.3390/su13115890

Effect of Application of Biochar, Poultry and Farmyard Manures in Combination with Synthetic Fertilizers on Soil Fertility and Cotton Productivity under Arid Environment 2021

Saeed Ahmad Abdul Ghaffar Muhammad Habib Ur Rahman Ijaz Hussain Rashid Iqbal Ghulam Haider Mahmood Alam Khan Rao Muhammad Ikram Hammad Hussnain Muhammad Shafqat Bashir
Communications in Soil Science and Plant Analysis, Pages 1-15
Impact Factor: 1.580 | **Quartile:** 3 | **Citations:** 30
DOI: 10.1080/00103624.2021.1908324

Effect of alkaline and chemically engineered biochar on soil properties and phosphorus bioavailability in maize 2021

Muhammad Farooq Qayyum Ghulam Haider Maria Iqbal Sajida Hameed Niaz Ahmad Muhammad Zia ur Rehman Abdul Majeed Muhammad Rizwan Shafaqat Ali
Chemosphere , Volume 266, Article Number 128980
Impact Factor: 8.943 | **Quartile:** 1 | **Citations:** 35
DOI: https://doi.org/10.1016/j.chemosphere.2020.128980

The Sewage Sludge Biochar and Its Composts Influence the Phosphate Sorption in an Alkaline–Calcareous Soil 2021

Rabia Abdur Rehman Muhammad Farooq Qayyum Ghulam Haider Kate Schofield Muhammad Abid Muhammad Rizwan Shafaqat Ali
Sustainability , Volume 13(4), Article Number 1779
Impact Factor: 3.889 | **Quartile:** 2 | **Citations:** 5
DOI: https://doi.org/10.3390/su13041779

Straw-based biochar mediated potassium availability and increased growth and yield of cotton (Gossypium hirsutum L.) 2020

Muhammad Farooq Qayyum Ghulam Haider Abdel Kareem S.H. Mohamed Muhammad Rizwan Mohamed A. El-Sheikh Mohammed Nasser Alyemeni Shafaqat Ali Muhammad Ali Raza
Journal of Saudi Chemical Society, Volume 24, Issue 12, Pages 963-973
Impact Factor: 3.932 | **Quartile:** 2 | **Citations:** 31
DOI: https://doi.org/10.1016/j.jscs.2020.10.004

Mineral nitrogen captured in field-aged biochar is plant-available 2020

Ghulam Haider Stephen Joseph Diedrich Steffens Christoph Müller Sarasadat Taherymoosavi David Mitchell Claudia I. Kammann

Scientific Reports , Volume 10, Article Number 13816

Impact Factor: 4.380 | **Quartile:** 1 | **Citations:** 52

DOI: https://doi.org/10.1038/s41598-020-70586-x

Different nitrogen and biochar sources' application in an alkaline calcareous soil improved the maize yield and soil nitrogen retention 2019

Muhammad Farooq Qayyum Mehak Ameer Abdullah Muhammad Rizwan Ghulam Haider Muhammad Arif Ali Muhammad Zafar-ul-Hye Muhammad Abid

Arabian Journal of Geosciences, Volume 12, Article Number 664

Impact Factor: 1.327 | **Quartile:** 4 | **Citations:** 16

DOI: https://doi.org/10.1007/s12517-019-4846-6

Biochar reduced nitrate leaching and improved soil moisture content without yield improvements in a four-year field study 2017

Ghulam Haider Diedrich Steffens Gerald Moser Christoph Müllera Claudia I. Kammannd

Agriculture, Ecosystems and Environment , Volume 237, Pages 80-94

Impact Factor: 3.541 | **Quartile:** 1 | **Citations:** 286

DOI: http://dx.doi.org/10.1016/j.agee.2016.12.019

Standard Extraction Methods May Underestimate Nitrate Stocks Captured by Field-Aged Biochar 2016

Ghulam Haider Diedrich Steffens Christoph Müller Claudia I. Kammann

Journal of Environmental Quality, Volume 45, Pages 1196–1204

Impact Factor: 2.344 | **Quartile:** 2 | **Citations:** 101

DOI: 10.2134/jeq2015.10.0529

Biochar but not humic acid product amendment affected maize yields via improving plant-soil moisture relations 2015

Ghulam Haider Hans-Werner Koyro Farooqe Azam Diedrich Steffens Christoph Müller Claudia Kammann

Plant and Soil, Volume 395, Pages 141–157

Impact Factor: 2.969 | **Quartile:** 1 | **Citations:** 173

DOI: https://doi.org/10.1007/s11104-014-2294-3

Performance and Nitrogen Use of Wheat Cultivars in Response to Application of Allelopathic Crop Residues and 3, 4-dimethylpyrazole Phosphate 2015

Ghulam Haider Zahid Ata Cheema Muhammad Farooq Abdul Wahid

International Journal of Agriculture and Biology, Volume 17(2), Pages 261-270

Impact Factor: 0.758 | **Quartile:** 2

DOI: http://www.fspublishers.org

Weed management in wheat through combination of allelopathic water extract with reduced doses of herbicides 2010

Abdul Razzaq Zahid Ata Cheema Khawar Jabran Muhammad Farooq Abdul Khaliq Ghulam Haider Shahzad M.A. Basra

Pakistan Journal of Weed Science Research, Volume 16 (3), Pages 247-256

Impact Factor: N/A

DOI: https://doi.org/10.28941/pjwsr.v16i3

Book Chapters

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

Cereal Responses to Nutrients and Avenues for Improving Nutrient Use Efficiency 2023

Ghulam Haider Muhammad Ansar Farooq Tariq Shah Saadatullah Malghani Masood Iqbal Awan Habib-ur-Rehman Athar Abdul Ghaffar Attia Rubab Khalid

In: *Book on Cereal Crops: Genetic Resources and Breeding Techniques*, 1st Edition, Chapter 5, Pages:31

Citations: 3

DOI: 10.1201/9781003250845-5

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

Mulching Effects on Soil Greenhouse Gas Emission in Agricultural Systems 2022

Xiaolin Liao Saadatullah Malghani Ghulam Haider Ahmad Ali

In: *Book on Mulching in Agroecosystems*, Chapter 16, Pages 251-287

Citations: 1

DOI: 10.1007/978-981-19-6410-7_16

Mitigation and actions toward nitrogen losses in Pakistan 2021

Muhammad Sanaullah Ahmad Mujtaba Ghulam Haider Hafeez ur Rehman Fathia Mubeen

In: *Book on Nitrogen Assessment Pakistan as a Case-Study*, 1st Edition, Chapter 8, Pages 149-175

Citations: 5

DOI: https://doi.org/10.1016/B978-0-12-824417-3.00001-0

Climate Resilient Cotton Production System: A Case Study in Pakistan 2020

Muhammad Habib ur Rahman Ishfaq Ahmad Abdul Ghaffar Ghulam Haider Ashfaq Ahmad Burhan Ahmad Muhammad Tariq Wajid Naseem Ghulam Rasool Shah Fahad Shakeel Ahmad Gerrit Hoogenboom

In: *Book on Cotton Production and Uses*, Chapter 22, Pages 447-484

Citations: 20

DOI: https://doi.org/10.1007/978-981-15-1472-2_22

Modern Concepts and Techniques for Better Cotton Production 2020

Abdul Ghaffar Muhammad Habib ur Rahman Hafiz Rizwan Ali Ghulam Haider Saeed Ahmad Shah Fahad Shakeel Ahmad

In: *Book on Cotton Production and Uses*, Chapter 29, Pages 589-628

Citations: 15

DOI: https://doi.org/10.1007/978-981-15-1472-2_29

Editorial Activities

2022

Edited Journal Issue / Proceeding / Book

Impact Factor: 3.6, 3.7, 3.1, 4.5, and 3.9. (Five journals are involveld in this special issue)

2021

Edited Journal Issue / Proceeding / Book

Impact Factor: 3.889