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Plant Performance Under Environmental Stress Total Plant Performance Management: Power Plant Performance Thermal Power Plant Performance Analysis The Next Step: Disentangling the Role of Plant-Soil Feedbacks in Plant Performance and Species Coexistence Under Natural Conditions Assessment of Treatment Plant Performance and Water Quality Data: A Guide for Students, Researchers and Practitioners Process Plant Performance Power Generation Retrofitting Economic Fundamentals of Power Plant Performance Enhancing Trickle Filter Plant Performance by Chemical Precipitation Digitalization and Analytics for Smart Plant Performance Power Plant Performance Monitoring (Tech Books International) - Power Plant Performance Monitoring Biotic and Abiotic Stress Tolerance in Plants Ruling Out Productivity? Power Plant Life Management and Performance Improvement Ruling Out Productivity? Plants in Action Water Treatment Plant Performance Evaluations and Operations Availability Engineering and Management for Manufacturing Plant Performance Advanced Control Unleashed Resource Efficiency of Processing Plants Economic Fundamentals of Power Plant Performance Plant Performance Testing and Evaluation Workshop Prediction of Full Scale Plant Performance from Pilot Columns Outdoor Performance Cannabis Soil Water Deficit and Physiological Issues in Plants

A Comparison of Oxidation Ditch Plants to Competing Processes for Secondary and Advanced Treatment of Municipal Wastes Reactive Oxygen Species in Plants Plant and Nanoparticles Abiotic Stresses in Plants Plant Functional Diversity Advances in Materials Technology for Fossil Power Plants Abiotic Stress Adaptation in Plants Molecular Approaches in Plant Abiotic Stress Plant Auditing Plant Metabolites under Environmental Stress United States Plant Patents Biostimulants for climate-smart and sustainable agriculture Agricultural Benefits of Postharvest Banana Plants

Plant Performance Under Environmental Stress 2021-08-23

global climate change is bound to create a number of abiotic and biotic stresses in the environment which would affect the overall growth and productivity of plants like other living beings plants have the ability to protect themselves by evolving various mechanisms against stresses despite being sessile in nature they manage to withstand extremes of temperature drought flooding salinity heavy metals atmospheric pollution toxic chemicals and a variety of living organisms especially viruses bacteria fungi nematodes insects and arachnids and weeds incidence of abiotic stresses may alter the plant pest interactions by enhancing susceptibility of plants to pathogenic organisms these interactions often change plant response to abiotic stresses plant growth regulators modulate plant responses to biotic and abiotic stresses and regulate their growth and developmental cascades a number of physiological and molecular processes that act together in a complex regulatory network further manage these responses crosstalk between autophagy and hormones also occurs to develop tolerance in plants towards multiple abiotic stresses similarly biostimulants in combination with correct agronomic practices have shown beneficial effects on plant metabolism due to the hormonal activity that stimulates different metabolic pathways at the same time they reduce the use of agrochemicals and impart tolerance to biotic and abiotic stress further the use of bio and nano fertilizers seem to hold promise to improve the nutrient use efficiency and hence the plant yield under stressful environments it has also been shown that the seed priming agents impart stress tolerance additionally tolerance or resistance to stress may

also be induced by using specific chemical compounds such as polyamines proline glycine betaine hydrogen sulfide silicon β aminobutyric acid γ aminobutyric acid and so on this book discusses the advances in plant performance under stressful conditions it should be very useful to graduate students researchers and scientists in the fields of botanical science crop science agriculture horticulture ecological and environmental science

Total Plant Performance Management: 1999-01-12 total plant performance management tppm is an unparalleled continuous improvement program that integrates all plant functions into a single focused effort the fundamental premise is that all corporate functions from the boardroom to the shipping department must share a common vision and effectively work together this book details tppm s proven method of implementing continuous improvement throughout your total corporation not just in certain departments it shows you how to promote implement and maintain continuous improvement effectively involve all employees train people the right way measure equipment reliability and improve maintenance design and select machines organize employees within the tppm plant avoid plan failure and analyze the operating dynamics of critical process systems

Power Plant Performance 2016-03-16 power plant performance discusses the different procedures and practices involved in the operation of power plants the book is divided into four parts part i covers general considerations such as steam cycles the sampling analysis and assessment of coal and pumping its related terms the different types of pumps and the determination of sizes and efficiency part ii

tackles the important measurements in power plants such as temperature pressure and gas and water flow part iii deals with the operation of power plant components such as the boiler turbine and condensers part iv tackles other related topics such as steam turbine heat consumption tests plant operating parameters and the costs of outages the text is recommended for professionals involved in the development maintenance and operation of power plants especially those who would like to be familiar with the basics

Thermal Power Plant Performance Analysis 2012-01-04 this book presents reliability based tools used to define performance of complex systems and introduces the basic concepts of reliability maintainability and risk analysis aiming at their application as tools for power plant performance improvement

The Next Step: Disentangling the Role of Plant-Soil Feedbacks in Plant Performance and Species Coexistence Under Natural Conditions 2020-09-17 this ebook is a

collection of articles from a frontiers research topic frontiers research topics are very popular trademarks of the frontiers journals series they are collections of at least ten articles all centered on a particular subject with their unique mix of varied contributions from original research to review articles frontiers research topics unify the most influential researchers the latest key findings and historical advances in a hot research area find out more on how to host your own frontiers research topic or contribute to one as an author by contacting the frontiers editorial office frontiersin.org about contact

Assessment of Treatment Plant Performance and Water Quality Data: A Guide for Students,

Researchers and Practitioners 2020-01-15 this book presents the basic principles for evaluating water quality and treatment plant performance in a clear innovative and didactic way using a combined approach that involves the interpretation of monitoring data associated with i the basic processes that take place in water bodies and in water and wastewater treatment plants and ii data management and statistical calculations to allow a deep interpretation of the data this book is problem oriented and works from practice to theory covering most of the information you will need such as a obtaining flow data and working with the concept of loading b organizing sampling programmes and measurements c connecting laboratory analysis to data management e using numerical and graphical methods for describing monitoring data descriptive statistics f understanding and reporting removal efficiencies g recognizing symmetry and asymmetry in monitoring data normal and log normal distributions h evaluating compliance with targets and regulatory standards for effluents and water bodies i making comparisons with the monitoring data tests of hypothesis j understanding the relationship between monitoring variables correlation and regression analysis k making water and mass balances l understanding the different loading rates applied to treatment units m learning the principles of reaction kinetics and reactor hydraulics and n performing calibration and verification of models the major concepts are illustrated by 92 fully worked out examples which are supported by 75 freely downloadable excel spreadsheets each chapter concludes with a checklist for your report if you are a student researcher or practitioner planning to use or already using treatment plant and water

quality monitoring data then this book is for you 75 excel spreadsheets are available to download

Process Plant Performance 1992-01-01 power generation retrofitting optimizing power plant performance reviews the experience of previous retrofitting projects and assesses the options currently available from power plant and equipment manufacturers the book also considers the likely future demand for retrofit services from the uk and overseas markets power generation retrofitting optimizing power plant performance will be of value to those involved in the management operation or maintenance of existing plant and to those involved in the design development and servicing of steam plant and auxiliary systems contents include how high tech fossil fuel handling can minimize profit loss when retrofitting steam power generation plant exchanging rotary heaters the role of the plate heat exchanger in achieving improved performance on steam power generation plant low mass flux vertical tube furnace retrofit at yaomeng in the people s republic of china optimized plant retrofits new life for older plants recent utility boilers refurbishment experience

Power Generation Retrofitting 2005-02-11 stability of the electricity industry is crucial for economic growth of all nations sustainable economic growth cannot be accomplished without secured energy supply the book underlines how management of the electricity industry should be conducted and the efficient form of electricity market structure the book also studies the electricity industry in korea which has been a strongly supportive and vital factor in the economic development of korea for the last few decades the book focuses on the three market players of

the electricity market and they are the suppliers consumers and the government related organizations it includes detailed information on generation and finances at the generator level and analyzes the efficiency differences among generators plants and business units by using different performance measurement methods it identifies and analyzes different production factors effectiveness and relationships in generation the comprehensive analysis helps to provide explanations in the differences in the performance of the studied units the book also discusses the implications of the findings for future resource allocation and how we can further enhance the efficiency of the industry the book will appeal to those interested in energy and energy policies as well as researchers and practitioners in the economic development and electricity and utilities industry

Economic Fundamentals of Power Plant Performance

2013-06-17 this book addresses the topic of integrated digitization of plants on an objective basis and in a holistic manner by sharing data applying analytics tools and integrating workflows via pertinent examples from industry it begins with an evaluation of current performance management practices and an overview of the need for a connected plant via digitalization followed by sections on connected assets improve reliability and utilization connected processes optimize performance and economic margin and connected people digitalizing the workforce and workflows and developing ownership and digital culture then culminating in a final section entitled putting all together into an intelligent digital twin platform for smart operations and demonstrated by application cases

Enhancing Trickle Filter Plant Performance by Chemical

Precipitation 1973 this book highlights some of the most important biochemical physiological and molecular aspects of plant stress together with the latest updates it is divided into 14 chapters written by eminent experts from around the globe and highlighting the effects of plant stress biotic and abiotic on the photosynthetic apparatus metabolites programmed cell death germination etc in turn the role of beneficial elements glutathione s transferase phosphite and nitric oxide in the adaptive response of plants under stress and as a stimulator of better plant performance is also discussed a dedicated chapter addresses research advances in connection with capsicum a commercially important plant and stress tolerance from classical breeding to the recent use of large scale transcriptome and genome sequencing technologies the book also explores the significance of the liliputians of the plant kingdom bryophytes as biomonitors bioindicators and general and specialized bioinformatics resources that can benefit anyone working in the field of plant stress biology given the information compiled here the book will offer a valuable guide for students and researchers of plant molecular biology and stress physiology alike

Digitalization and Analytics for Smart Plant Performance

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Power Plant Performance Monitoring (Tech Books International) - 2006 coal and gas based power plants currently supply the largest proportion of the world s power generation capacity and are required to operate to increasingly stringent environmental standards higher temperature combustion is therefore being adopted to improve plant efficiency and to maintain net power output given the energy penalty that integration of advanced emissions control systems cause however such operating regimes also serve to intensify degradation mechanisms within power plant systems potentially affecting their reliability and lifespan power plant life management and performance improvement critically reviews the fundamental degradation mechanisms that affect conventional power plant systems and components as well as examining the operation and maintenance approaches and advanced plant rejuvenation and retrofit options that the industry are applying to ensure overall plant performance improvement and life management part one initially reviews plant operation issues including fuel flexibility condition monitoring and performance assessment parts two three and four focus

on coal boiler plant gas turbine plant and steam boiler and turbine plant respectively reviewing environmental degradation mechanisms affecting plant components and their mitigation via advances in materials selection and life management approaches such as repair refurbishment and upgrade finally part five reviews issues relevant to the performance management and improvement of advanced heat exchangers and power plant welds with its distinguished editor and international team of contributors power plant life management and performance improvement is an essential reference for power plant operators industrial engineers and metallurgists and researchers interested in this important field provides an overview of the improvements to plant efficiency in coal and gas based power plants critically reviews the fundamental degradation mechanisms that affect conventional power plant systems and components noting mitigation routes alongside monitoring and assessment methods addresses plant operation issues including fuel flexibility condition monitoring and performance assessment

Power Plant Performance Monitoring 2004-10-01

excerpt from ruling out productivity labor contract pages and plant performance despite a growing number of studies that document a significant positive relationship between union status and productivity 1 a number of criticisms remain unanswered among these complaints one of the most frequently voiced by managers is that unionized establishments operate under more restrictive work rules and practices and that other potential gains of unionization lower turnover rates or formal grievance machinery for example could not outweigh the inefficiency associated with

these added restrictions despite the frequency with which this complaint is raised no direct empirical studies on the relationship between work rules and productivity have been made the few studies that have been conducted address this issue indirectly by focusing on differences in substitution parameters obtained from equivalent union and nonunion production functions 2 this study takes a first step in analyzing the relationship between work rules and productivity in a more direct fashion in this study monthly data from january 1976 to september 1982 on the operations of eleven paper mills are analyzed the number of pages in collective bargaining agreements is taken as a directly measurable proxy for the number and complexity of work rules this proxy for the extent of work rule regulation is then considered within the framework of a detailed plant level production function to gauge the differences in productivity associated with changes in the contract page measure about the publisher forgotten books publishes hundreds of thousands of rare and classic books find more at forgottenbooks.com this book is a reproduction of an important historical work forgotten books uses state of the art technology to digitally reconstruct the work preserving the original format whilst repairing imperfections present in the aged copy in rare cases an imperfection in the original such as a blemish or missing page may be replicated in our edition we do however repair the vast majority of imperfections successfully any imperfections that remain are intentionally left to preserve the state of such historical works

Biotic and Abiotic Stress Tolerance in Plants

2018-06-11 accompanying cd rom includes 600 figures

tables and color plates from the book plants in action which can be used for the production of color transparencies or for projections in lectures

Ruling Out Productivity? 2015-09-08 water treatment is a growing field in north america with seventy us states and localities and ten canadian provinces requiring certification for water treatment plant operators this book provides a step by step look at the most current water treatment technologies balancing academic theory and professional practice a compilation of studies conducted over the past decade at the bloomington illinois water treatment plant it presents studies that are useful as templates for comparable long term studies at other water utilities this is an unparalleled gathering of techniques processes and data including test results for every potential taste and odor control method

Power Plant Life Management and Performance Improvement 2011-09-28 in today s manufacturing environment the integration of commercial production maintenance and engineering functions is a common and crucial goal in this timely volume richard g lamb presents a new standard within the enterprise and plant design management lamb shows readers how to advance the plant s role in enterprise business performance and leadership by most cost effectively achieving the mechanical availability necessary to perform in the face of current events business cycles and industry trends performance is from the designed and managed reliability and maintainability of its equipment

Ruling Out Productivity? 2018-03-10 this monograph provides foundations methods guidelines and examples for monitoring and improving resource efficiency during the

operation of processing plants and for improving their design the measures taken to improve their energy and resource efficiency are strongly influenced by regulations and standards which are covered in part i of this book without changing the actual processing equipment the way how the processes are operated can have a strong influence on the resource efficiency of the plants and this potential can be exploited with much smaller investments than needed for the introduction of new process technologies this aspect is the focus of part ii in part iii we discuss physical changes of the process technology such as heat integration synthesis and realization of optimal processes and industrial symbiosis the last part deals with the people that are needed to make these changes possible and discusses the path towards a resource efficiency culture written with industrial solutions in mind this text will benefit practitioners as well as the academic community

Plants in Action 1999 stability of the electricity industry is crucial for economic growth of all nations sustainable economic growth cannot be accomplished without secured energy supply the book underlines how management of the electricity industry should be conducted and the efficient form of electricity market structure the book also studies the electricity industry in korea which has been a strongly supportive and vital factor in the economic development of korea for the last few decades the book focuses on the three market players of the electricity market and they are the suppliers consumers and the government related organizations it includes detailed information on generation and finances at the generator level and analyzes the efficiency differences among generators plants and business

units by using different performance measurement methods it identifies and analyzes different production factors effectiveness and relationships in generation the comprehensive analysis helps to provide explanations in the differences in the performance of the studied units the book also discusses the implications of the findings for future resource allocation and how we can further enhance the efficiency of the industry the book will appeal to those interested in energy and energy policies as well as researchers and practitioners in the economic development and electricity and utilities industry

Water Treatment Plant Performance Evaluations and Operations

2009-01-16 outdoor performance cannabis is a detailed step by step account of how to grow the cannabis plant to its largest possible size written by one of the most respected cannabis growers in the country mendocino county s dustin fraser the book is a walk through of dustin s time tested methods from site preparation and production to harvest curing and sale dustin pioneered the idea of growing the cannabis plant into a tree with maximum yields and the highest quality harvest dustin shares all his secrets with numerous photographs and drawings giving you a complete guide to growing what the mendocino locals call a performance plant let dustin help you step up your growing operation and turn your garden into one designed for performance

Availability Engineering and Management for Manufacturing Plant Performance 1995-03-08 this book explores the impact of soil water deficiency on various aspects of physiological processes in plants the book explains the effects under soil water deficit condition such as lowering of plant water

content disturbance in carbon metabolism such in photosynthesis photorespiration and respiration as well as effects of soil water deficit on nitrogen metabolism the book also educates the readers about mineral nutrition under soil water deficit condition and roles of different nutrient to overcome water deficit changes in growth and development pattern of plant under soil water deficit condition and effects on growth and development are elaborated this book is of interest to teachers researchers scientists in botany and agriculture also the book serves as additional reading material for undergraduate and graduate students of agriculture forestry ecology soil science and environmental sciences national and international agricultural scientists policy makers will also find this to be a useful read the in depth description of the major physiological issues in plants under soil water deficit that are presented in this book will help breeders tailoring crops for desirable physiological survival traits in the face of increasing soil water deficit this book is an impactful addition to the library of any faculty members researchers agricultural policy planner post graduate or student studying in plant physiology biochemistry microbiology and other subjects related to crop husbandry

Advanced Control Unleashed 2005* the book deals with dual role of reactive oxygen species ros which is beneficial and harmful at below and above threshold limits respectively to date the emphasis has been laid only on ros aspects damaging disrupting cellular machinery and inflicting crop productivity loss the ros is believed to be a hallmark of both abiotic and biotic stress however the recent researches have unambiguously established that the ros at below threshold

confers protection against both abiotic and biotic stress augmenting crop productivity this emphasizes for a proper understanding of ros based physio molecular mechanisms and their upgradation in crops to adapt them to stress conditions as a result the cultivation area of various economically important crops and their productivity and quality can be enhanced arresting degradation of sites improving environment quality and mitigating ill impact of climate change the book encompasses recent information on positive and negative impact of ros on stress tolerance mechanisms and their management in augmenting crop performance the information has been well illustrated and categorized in several chapters crafted lucidly maintaining connectivity and synergy with each other the book provides up to date comprehensive scientific information dual role of ros hitherto neglected in crop abiotic and biotic stress management that would immensely benefit and educate graduate post graduate students entrepreneurs researchers scientists and faculty members alike

Resource Efficiency of Processing Plants 2017-12-14 this book explores the interactions between nanomaterials nanoparticles and plants and unveils potential applications the chapters emphasize the implications of nanoparticles in cross discipline approaches including agricultural science plant physiology plant biotechnology material science environmental science food chemistry biomedical science etc it presents recent advances in experimental and theoretical studies and gives in depth insights into the interaction between nanoparticles and plant cells in addition it discusses the potential applications and concerns of nanoparticles comprehensively the research field of plant nanotechnology

has great potential within plant sciences and agriculture and the related research is getting increased at present the study of plant nanotechnology receives an advantage from the great progress of nanotechnology in biomedical sciences particularly the well development of a variety of biocompatible nanoparticles nps and advanced analytical techniques nowadays although some nps have been applied in the studies of plant and agronomic sciences the knowledge regarding physiology and underlying mechanisms within the plant cell remains limited this book offers a critical reference for students teachers professionals and a wide array of researchers in plant science plant physiology plant biotechnology material science environmental science food chemistry nanotechnology and biomedical science it could also benefit the related field of plant nanotechnology for designing and organizing future research

Economic Fundamentals of Power Plant Performance

2013-06-17 much of europe has been complaining recently of unseasonal weathe disastrous floods in eastern europe temperatures reaching over 40 c in central europe no decent rain for months in parts of the balkans coupled with unusually long and severe frosts in winter indeed wheat yields in serbia for 2003 are expected to be reduced by over 30 because of the combination of a long frost during winter with insufficient protective snow cover very low rainfall in the spring months and sudden high temperatures reaching over 30 c at the time of flowering so with this background it is very timely that this volume on abiotic stresses in plants has been put together each of the eight chapters focuses on a different aspect of abiotic stress presenting reviews of recent advances in the subject rather than summarise the contents

of each chapter i ll focus on some of the advances in technologies presented here for elucidating the molecular genetic and biochemical mechanisms that regulate plant responses to stresses and which also provide opportunities for improving plant performance under abiotic stresses the last 20 years has seen a revolution in the availability of technologies for this starting with the development of transformation technologies to study the role of an individual gene then came molecular marker technologies to study the genetic control of stress responses and in recent years the omics genomics proteomics and metabolomics have been developed to create an integrated picture of how the plant responds to a particular stress

Plant Performance Testing and Evaluation Workshop

1979 biological diversity the variety of living organisms on earth is traditionally viewed as the diversity of taxa and species in particular however other facets of diversity also need to be considered for a comprehensive understanding of evolutionary and ecological processes this novel book demonstrates the advantages of adopting a functional approach to diversity in order to improve our understanding of the functioning of ecological systems and their components the focus is on plants which are major components of these systems and for which the functional approach has led to major scientific advances over the last 20 years plant functional diversity presents the rationale for a trait based approach to functional diversity in the context of comparative plant ecology and agroecology it demonstrates how this approach can be used to address a number of highly debated questions in plant ecology pertaining to plant responses to their environment controls

on plant community structure ecosystem properties and the services these deliver to human societies this research level text will be of particular relevance and use to graduate students and professional researchers in plant ecology agricultural sciences and conservation biology

Prediction of Full Scale Plant Performance from Pilot Columns 1979 conference proceedings covering the latest technology developments for fossil fuel power plants including nickel based alloys for advanced ultrasupercritical power plants materials for turbines oxidation and corrosion welding and weld performance new alloys concepts and creep and general topics

Outdoor Performance Cannabis 2017-04-20

environmental insults such as extremes of temperature extremes of water status as well as deteriorating soil conditions pose major threats to agriculture and food security employing contemporary tools and techniques from all branches of science attempts are being made worldwide to understand how plants respond to abiotic stresses with the aim to help manipulate plant performance that will be better suited to withstand these stresses this book on abiotic stress attempts to search for possible answers to several basic questions related to plant responses towards abiotic stresses presented in this book is a holistic view of the general principles of stress perception signal transduction and regulation of gene expression further chapters analyze not only model systems but extrapolate interpretations obtained from models to crops lastly discusses how stress tolerant crop or model plants have been or are being raised through plant breeding and genetic engineering approaches twenty three chapters written by international authorities

integrate molecular details with overall plant structure and physiology in a text book style including key references

Soil Water Deficit and Physiological Issues in Plants

2021-02-25 plants under abiotic stress are those suffering from drought extreme temperatures flood and other natural but non living factors abiotic stress is responsible for reduced yields in several major crops and climate change is focusing research in this area to minimize cellular damage cause by such stresses plants have evolved complex well coordinated adaptive responses that operate at the transcriptional level understanding these processes is key to manipulating plant performance to withstand stress this book deals with the role of gene silencing in the adaptation of plants to these stresses and documents the molecular regulatory systems for the abiotic response

A Comparison of Oxidation Ditch Plants to Competing Processes for Secondary and Advanced Treatment of Municipal Wastes

1978 the word audit brings discomfort to many mine managers and owners images of government officials poring over every decimal point looking for gotchas with serious consequences naturally rise to the surface but this book shows you how to turn the audit into something positive desirable and profitable

Reactive Oxygen Species in Plants

2023-03-09 this new volume provides a timely update on the knowledge of plant responses to various environmental stresses such as salinity waterlogging drought pollution heat temperature oxidative stress and mineral deficiencies chapters focus on physiological and biochemical mechanisms identified in plants that are crucial for them to adapt to biotic and abiotic stress and the methods for improving plant tolerance

mechanisms the book also throws light on plant secondary metabolites such as phenolic compounds and plant growth regulators in ameliorating the stressful conditions in plants the scientific knowledge and expertise presented in this volume will be valuable to agronomists plant physiologists horticulturists research scholars of botany and agriculture science and academicians of plant sciences as well as students in these areas

Plant and Nanoparticles 2022-08-13 banana farming is the basis for commercial fruit trading every banana plant generates waste biomass nearly ten times the quantity of its fruits disposal of waste biomass is a burden for the farmers economical use of the waste biomass can bring financial benefit to banana farmers use of organic potash in lieu of inorganic potash affords higher yield and also helps to preserve the ecosphere of soil for subsequent crops agricultural benefits of postharvest banana plants details the use of postharvest banana plants for agriculture and trade eleven chapters explain both traditional and modern uses of banana plants the reader is informed how bio waste from postharvest banana plants including their stems can be used as organic potash to replace inorganic potash muriate of potash in fertilizer experimental uses of banana plant pseudo stem juice for growing different crops along with chemical analysis of the pseudo stems are explained in separate chapters isolations of potassium chloride and potassium carbonate have also been discussed in the latter part of the book this book is an ideal handbook for professionals and trainees interested in utilizing postharvest banana plants for sustainable agriculture and trade the information is also useful for students and teachers involved in agricultural

biotechnology and traditional agriculture courses

Abiotic Stresses in Plants 2013-03-14

Plant Functional Diversity 2015-12-10

Advances in Materials Technology for Fossil Power Plants

2014-01-01

Abiotic Stress Adaptation in Plants 2009-12-12

Molecular Approaches in Plant Abiotic Stress 2013-11-25

Plant Auditing 2015

Plant Metabolites under Environmental Stress 2023-02-01

United States Plant Patents 2009-11-03

Biostimulants for climate-smart and sustainable agriculture 2024-04-15

Agricultural Benefits of Postharvest Banana Plants

2021-03-04

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