1. Record Nr. UNISA990001169960203316

Titolo	El debate de la postcolonialidad en latinoamerica : una postmodernidad periferica o cambio de paradigma en elpensamiento latinoamericano / Alfonso de Toro, Fernando de Toro (eds.)
Pubbl/distr/stampa	Frankfurt am Main : Verveurt, copyr. 1999
ISBN	3-89354-218-3
Descrizione fisica	408 p. : 23 cm.
Collana	Teoria y critica de la cultura y literatura ; 18
Disciplina	801.95
Soggetti	Postmoderno -- America Latina
Lingua di pubblicazione	Non definito
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910494561803321

Autore	Singh H. B., Dr.
Titolo	Antioxidants in Plant-Microbe Interaction / / edited by Harikesh Bahadur Singh, Anukool Vaishnav, R.Z. Sayyed
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2021
ISBN	981-16-1350-8
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (650 pages)
Collana	Biomedical and Life Sciences Series
Altri autori (Persone)	VaishnavAnukool SayyedRiyazali Z (Riyazali Zafarali)
Disciplina	579.178
Soggetti	Plant physiology Stress (Physiology) Plants Botanical chemistry Plant Physiology Plant Stress Responses Plant Biochemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa

Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Antioxidants in Plant-Microbe Interaction -- Chapter 2. Plant microbe symbiosis led synthesis of bioactive compounds -- Chapter 3. Plant-Rhizobacteria communications with antioxidant system -- Chapter 4. Association of Non-Enzymatic Antioxidants in Plant Holobiont -- 5. Carotenoids and flavonoids in plant stress management -- Chapter 6. PGPR-the redeemer of rice from abiotic stress -- Chapter 7. Impact of PGPR on plant health and antioxidant enzymes under water stress conditions -- Chapter 8. Rhizospheric plant-microbe interactions releasing antioxidants and phytostimulating compounds in polluted agroecosystems -- Chapter 9. Role of Antioxidant in plant and microbes based remediation of metal stress -- Chapter 10. Amelioration of drought stress through PGPR mediated regulation of Antioxidant defensive machinery -- Chapter 11. Potential of plant growth promoting microbes in disease reduction by influencing the antioxidant enzymes of medicinal and spice plants -- Chapter 12. Antioxidants in spices: a review of the antioxidant components and properties of some common african spices and their role in human nutrition and plant-microbe interactions -- Chapter 13. Impact of plant growth promoting microbes (PGPM) in plant disease management by inducing non-enzymatic antioxidant -- Chapter 14. Antioxidants as modulators of plant defense against soil-borne fungal pathogens upon microbial interaction -- Chapter 15. A Promising Approach of Managing Seed Borne Pathogens through Plant Growth Promoting Microbes -- Chapter 16. Antioxidant Potential of Plant Growth Promoting Rhizobacteria (PGPR) in Agricultural Crops Infected with Root Knot Nematodes -- Chapter 17. Disease management and the role of antioxidants in combating plant pathogens upon PGPR inoculation with special reference to legumes -- Chapter 18. Rhizobacters as remedy of stress tolerance in potato plant -- Chapter 19. Secondary metabolites, boon for plants; their role in defence mechanism and antioxidant activity of Anthocephalus cadamba -- Chapter 20. Role of PGPR in conferring drought stress tolerance in Rice -- Chapter 21. Fenugreek-rhizobium symbiosis and Flavonoids under stress condition -- Chapter 22. Datura stramonium: An overview of its antioxidant system for plant benefits -- Chapter 23. PGPR mediated regulation of antioxidants: Prospects for abiotic stress management in plants -- Chapter 24. Prospects of PGPRs mediated antioxidants and S and P metabolism in plants under drought stress -- Chapter 25. Prominence of Antioxidant Potential of Plants and its induction by interaction with microorganisms -- Chapter 26. Bio-molecular painstaking utilization and assimilation of phosphorus under indigent stage in agricultural crops -- Chapter 27. Plant Antioxidant System Regulates Communication Under Abiotic Stress For Enhanced Plant Productivity -- Chapter 28. Nematophagous fungi in antioxidant mediated defence against plant parasitic nematodes -- Chapter 29. Biopriming and Nanopriming: Green Revolution Wingsto Increase Plant Yield, Growth and Development under Stress Condition and Forward Dimensions.
Sommario/riassunto	This edited book is focused on antioxidant compounds and their biosynthesis, up-regulation, mechanism of action for selective bioactivity, targeted role and the advancement of their bioactive potential during plant-microbe interaction and other stress conditions. This book also emphasizes on the role of antioxidants in recruiting beneficial microbes in plant surroundings. Antioxidants have multiple biological roles in plants especially in the signalling pathway. These

compounds are secondary metabolites produced besides the primary biosynthetic pathway and are associated with growth and development. Besides they also have special role to play during oxidative stress produced via abiotic stimulants or pathogen attack. This understanding of the biosynthesis, signaling and function of antioxidant compounds in plants during stress condition is helpful in restoring plant ecosystem productivity and improve plant responses to a wide range of stress conditions. This book is a useful compilation for researchers and academicians in botany, plant physiology, plant biochemistry and stress physiology. Also the book serves as reading material for undergraduate and graduate students of environmental sciences, agricultural sciences and other plant science courses.