Record Nr.	UNINA9910349451903321
Titolo	Plant-Metal Interactions / / edited by Sudhakar Srivastava, Ashish K. Srivastava, Penna Suprasanna
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-20732-3
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (326 pages) : illustrations
Disciplina	582.019214
Soggetti	Plant genetics Plant physiology Proteomics Metabolism Agriculture Plant Genetics and Genomics Plant Physiology Metabolomics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Fumalo	Materiale a stampa
Livello bibliografico	Monografia

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Role of	on crop loss 14. Heavy metal toxicity and plant productivity: metal scavengers 15. Plant mediated synthesis of nano- s for environmental remediation.
by plant issue, th selenium spread i toxic as chromiu some m widespre contami docume generate arsenic and prot develop element on plant proteins and sign the lates to plant	xicity and deficiency are both common abiotic problems faced s. While metal contamination around the world is a critical e bioavailability of some essential metals like zinc (Zn) and n (Se) can be seriously low in other locations. The list of metals in high concentrations in soil, water and air includes several well as essential elements, such as arsenic (As), cadmium (Cd), m (Cr), aluminum (Al), and selenium (Se). The problems for etals are geographically confined, while for others, they are ead. For instance, arsenic is an important toxic metalloid whose nation in Southeast Asia and other parts of world is well need. Its threats to human health via food consumption have ed immense interest in understanding plants' responses to stress. Metals constitute crucial components of key enzymes eins in plants. They are important for the proper growth and ment of plants. In turn, plants serve as sources of essential s for humans and animals. Studies of their physiological effects s metabolism have led to the identification of crucial genes and controlling metal uptake and transport, as well as the sensing haling of metal stresses. Plant-Metal Interactions sheds light on at development and research in analytical biology with respect physiology. More importantly, it showcases the positive and a impacts of metals on crop plants growth and productivity.