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Altri autori (Persone)	JaiwalPawan K SinghRana P DhankherOm Parkash
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Nota di contenuto	CONTENTS; PREFACE; Chapter 1 MECHANISMS OF POTASSIUM UPTAKE AND TRANSPORT IN HIGHER PLANTS; Chapter 2 CALCIUM TRANSPORTERS: FROM FIELDS TO THE TABLE; Chapter 3 NITRATE AND AMMONIUM TRANSPORTERS IN PLANTS; Chapter 4 PLANT SULFATE TRANSPORTERS; Chapter 5 PHOSPHATE UPTAKE AND TRANSPORT TO PLANT CELLS; Chapter 6 IRON UPTAKE AND TRANSPORT IN PLANTS; Chapter 7 MECHANISMS OF MANGANESE ACCUMULATION AND TRANSPORT; Chapter 8 SILICON UPTAKE AND TRANSPORT IN HIGHER PLANTS; Chapter 9 HEAVY METAL TRANSPORTERS IN PLANTS; Chapter 10 SUGAR AND POLYOL TRANSPORTERS IN PLANTS Chapter 11 AMINO ACID TRANSPORTERS IN PLANTSChapter 12 MEMBRANE TRANSPORT OF SECONDARY METABOLITES IN PLANTS; Chapter 13 PROTEOMIC ANALYSIS OF THE VACUOLAR MEMBRANE; Chapter 14 ELEMENTAL BIOFORTIFICATION OF CROP PLANTS; SUBJECT INDEX
Sommario/riassunto	Based on research in genomics and proteomics, this book clarifies the identification and characterization of plant membrane and vacuolar transporters. It examines transporter functions such as mineral

nutrition, cell homeostasis, storage and stress responses.
