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Titolo	The soil amino acids : quality, distribution and site ecology // Klement Rejsek, Pavel Formanek and Valerie Vranova
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ISBN	1-61209-064-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (238 p.)
Collana	Advances in environmental research
Altri autori (Persone)	FormanekPavel VranovaValerie
Disciplina	631.4/17
Soggetti	Soil biochemistry Amino acids
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Types and characteristics of soil amino acids -- Amino acids in soil hydrolysates -- Amino acids in humic compounds -- Extraction of free amino acids from soil -- Free amino acids in soil -- Adsorption of amino acids -- D-amino acids in soil -- Amino acids and soil microorganisms -- Exudation of amino acids from plant roots -- Amino acid uptake by plant roots -- Conclusions: the current state and future prospects.
Sommario/riassunto	This book summarises the up-to-date knowledge on different fractions of amino acids in soil, input of amino acids to soil from both dead and living plant material, different extraction procedures done in order to release amino acids from soil, and the distribution of amino acids into soil profiles in regards to quality and quantity.