

1. Record Nr.	UNINA9910141369303321
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Titolo	Oxidation of amino acids, peptides, and proteins [[electronic resource]] : kinetics and mechanism // Virender K. Sharma
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, c2013
ISBN	1-118-48245-X 1-118-48246-8 1-283-83528-2 1-118-48248-4
Descrizione fisica	1 online resource (421 p.)
Collana	Wiley series on reactive intermediates in chemistry and biology ; ; 5
Disciplina	547/.23
Soggetti	Oxidation-reduction reaction Amino acids - Metabolism Pollutants Peptides - Metabolism Proteins - Metabolism
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	Reactive species -- Acid-base properties -- Halogenated species -- Reactive oxygen species -- Reactive inorganic oxy-species of C, N, S, and P-- High-valent Cr, Mn, and Fe species.
Sommario/riassunto	Explains the role of reactive intermediates in biological systems as well as in environmental remediation With its clear and systematic approach, this book examined the broad range of reactive intermediate that can be generated in biological environments, detailing the fundamental properties of each reactive intermediate. Readers gain a contemporary understanding of how these intermediates react with different compounds, with an emphasis on amino acids, peptides, and proteins. The author not only sets forth the basic chemistry and nature of reactive intermediates, he also demon