1. Record Nr. UNINA9910450868703321

Autore	Schweigman David
Titolo	The Authority of the Security Council under Chapter VII of the UN Charter : Legal Limits and the Role of the International Court of Justice / / David Schweigman
Pubbl/distr/stampa	Leiden; ; Boston : , : Brill | Nijhoff, , 2001
ISBN	1-280-91561-7 9786610915613 90-474-1192-7 1-4237-2968-4
Descrizione fisica	1 online resource (373 p.)
Collana	Studies and Materials on the Settlement of International Disputes ; ; 8
Disciplina	341.23/23
Soggetti	Security international United Nations Charter Security, International Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Originally presented as the author's thesis (doctoral)--Erasmus Universiteit Rotterdam.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Note by the Series Editor -- Preface -- Abbreviations -- Introduction -- 1. The Interpretation of Treaties -- 2. The Authority of the Security Council under the UN Charter -- 3. Subsequent Practice: The Council's Application of its Powers -- 4. Sources and Content of the Legal Limits to the Council's Powers -- 5. Illegal Council Decisions: Consequences and the Remedies Available -- 6. Enhancing the Council's Legitimacy -- Conclusions -- List of References -- Table of Cases -- Index.
Sommario/riassunto	This volume discusses the legal limits to the authority of the Security Council under Chapter VII of the United Nations Charter. The interest in this topic regained importance when the Security Council started to play an increasingly active role after a period of dormancy between 1945 and 1990. The work describes various approaches to Charter interpretation, provides an overview of the Council's powers under the Charter and surveys the Council's recent practice with regard to the maintenance of international peace and security. Subsequently the

	sources and contents of the limits to the Council's authority are analyzed. This is followed by an analysis of the role of the International Court of Justice, which includes an overview of the main obstacles to, and possibilities of, judicial review by the Court of Council decisions taken under Chapter VII. Finally, the work discusses recent proposals to enhance the Council's legitimacy.

2. Record Nr. UNISA996205536603316

Titolo	Antioxidants and reactive oxygen species in plants [[electronic resource] /] / edited by Nicholas Smirnoff
Pubbl/distr/stampa	Oxford ; ; Ames, Iowa, : Blackwell Pub., 2005
ISBN	1-280-74821-4 9786610748211 0-470-76116-4 0-470-98856-8 1-4051-7146-4
Descrizione fisica	1 online resource (318 p.)
Collana	Biological Sciences Series
Altri autori (Persone)	SmirnoffN
Disciplina	572.42 572/.42
Soggetti	Antioxidants - Physiological effect Active oxygen - Physiological effect Plants - 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	Antioxidants and Reactive Oxygen Species in Plants; Contents; Contributors; Preface; 1 Glutathione; 1.1 Introduction; 1.2 The glutathione redox couple and cellular redox potential; 1.3 Glutathione metabolism; 1.4 Biosynthesis and inhibition by L-buthionine-SR-sulphoximine; 1.5 Glutathione and the cell cycle; 1.6 Glutathione in leaves and its relationship to chilling tolerance; 1.7 Glutathione and homoglutathione in the regulation of root and root nodule development; 1.8 Transport and transporters; 1.9 Glutathione and

signalling; 1.10 Conclusions and perspectives
2 Plant thiol enzymes and thiol homeostasis in relation to thiol-dependent redox regulation and oxidative stress2.1 Introduction: plant sulfur and thiol contents; 2.2 The redox potential and its relation to the redox proteome; 2.3 Oxidation of thiol groups; 2.4 C-X-X-C and C-X-X-S motifs in redox proteins; 2.5 The principle reactions that maintain thiol-redox homeostasis; 2.6 Enzymes involved in thiol-disulfide interconversion; 2.6.1 Thioredoxins; 2.6.2 Glutaredoxins; 2.6.3 Omega and lambda-GSTs; 2.6.4 Protein disulfide isomerases
2.7 Peroxiredoxins, thiol/disulfide proteins in antioxidant defence2.7.1 1-Cys Prx; 2.7.2 2-Cys Prx; 2.7.3 Prx Q; 2.7.4 Type II Prx; 2.8 The thiol proteome of plants; 2.9 Thiol homeostasis in subcellular compartments; 2.10 Thiol-dependent redox regulation of gene expression; 2.11 Linking thiol regulation to metabolic and developmental pathways; 2.12 Outlook; 3 Ascorbate, tocopherol and carotenoids: metabolism, pathway engineering and functions; 3.1 Introduction; 3.2 Ascorbate; 3.2.1 Distribution and subcellular localisation; 3.2.2 Ascorbate biosynthesis; 3.2.3 Ascorbate recycling 3.2.4 Ascorbate and dehydroascorbate transport across membranes3.2.5 Enzymes involved in ascorbate oxidation; 3.2.6 Ascorbate catabolism; 3.2.7 Control of ascorbate synthesis and metabolic engineering; 3.2.8 The functions of ascorbate; 3.3 Vitamin E: tocopherols and tocotrienols; 3.3.1 Isoprenoid antioxidants; 3.3.2 Structure and antioxidant activity of tocopherols and tocotrienols; 3.3.3 Functions of tocopherol; 3.3.4 Biosynthesis of tocopherols and tocotrienols; 3.3.5 Control and engineering of tocopherol and tocotrienol biosynthesis; 3.4 Carotenoids; 3.4.1 Carotenoids as antioxidants
3.4.2 Carotenoid biosynthesis and metabolic engineering4 Ascorbate peroxidase; 4.1 Enzymatic removal of hydrogen peroxide in plants; 4.2 Functional analysis of APX; 4.3 APX structure; 4.3.1 Overall structure; 4.3.2 Active site structure; 4.3.3 Substrate binding; 4.4 Evolution of APXs; 4.5 Summary; 5 Catalases in plants: molecular and functional properties and role in stress defence; 5.1 Introduction; 5.2 Biochemistry and molecular structure of catalases; 5.2.1 Types of catalases; 5.2.2 Molecular structure; 5.2.3 Mechanism of the catalytic reaction and kinetic properties
5.3 Occurrence and properties of plant catalases

Sommario/riassunto

Reactive oxygen species (ROS) are produced during the interaction of metabolism with oxygen. As ROS have the potential to cause oxidative damage by reacting with biomolecules, research on ROS has concentrated on the oxidative damage that results from exposure to environmental stresses and on the role of ROS in defence against pathogens. However, more recently, it has become apparent that ROS also have important roles as signalling molecules. A complex network of enzymatic and small molecule antioxidants controls the concentration of ROS and repairs oxidative damage, and research is revealing t