

1.	Record Nr.	UNICAMPANIASUN0010461
	Autore	Guzzetta, Giovanni
	Titolo	Costituzione e regolamenti comunitari / Giovanni Guzzetta
	Pubbl/distr/stampa	Milano : Giuffrè, 1994
	ISBN	88-14-05093-7
	Descrizione fisica	XII, 232 p. ; 24 cm.
	Disciplina	341.04
	Soggetti	Diritto interno e diritto comunitario
	Lingua di pubblicazione	Italiano
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	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910672233403321
	Titolo	Estatuto Tributario 2019
	Pubbl/distr/stampa	Bogota : , : Ecoe Ediciones, , 2020
	ISBN	958-771-716-3
	Descrizione fisica	1 recurso en linea (1187 paginas)
	Collana	Coleccion ciencias empresariales. Impuestos
	Disciplina	343.86104
	Soggetti	Taxation - Law and legislation - Colombia Derecho fiscal - Colombia Libros electronicos.
	Lingua di pubblicazione	Spagnolo
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Contiene bibliografia.

3. Record Nr.	UNINA9910822965003321
Autore	Kapuganti Jagadis G
Titolo	Alternative respiratory pathways in higher plants / / edited by Kapuganti Jagadis Gupta, Luis A. J. Mur, Bhagyalakshmi Neelwarne
Pubbl/distr/stampa	West Sussex, England : , : John Wiley & Sons, Inc., , 2015 ©2015
ISBN	1-118-79044-8 1-118-79041-3
Descrizione fisica	1 online resource (401 p.)
Disciplina	581.3/5
Soggetti	Plants - Respiration Plant genetics Plant physiology
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	Title Page; Copyright Page; Contents; List of contributors; Preface; Section A Physiology of plant respiration and involvement of alternative oxidase; Chapter 1 Integrating classical and alternative respiratory pathways; Introduction; Alternative oxidase (AOX); NADPH dehydrogenases linked to AOX; Uncoupling proteins (UCPs); Electron transfer flavoprotein (ETF); Deploying electron dissipatory mechanisms whilst maintaining ATP production under stress situations; Conclusions; References Chapter 2 Non-coupled pathways of plant mitochondrial electron transport and the maintenance of photorespiratory flux Introduction: Carbon fluxes through plant mitochondria in the light; Activation of glycine oxidation by malate; Oscillations of respiratory and photorespiratory fluxes; NADH and NADPH dehydrogenases in the mitochondrial membranes; Increase of the mitochondrial capacity in the light via engagement of rotenone-insensitive dehydrogenases; Physiological role of alternative oxidase; Equilibration of adenylates in the intermembrane space of mitochondria Bicarbonate pool and refixation of photorespiratory carbon Malate and citrate valves; Conclusion; References; Chapter 3 Taxonomic

distribution of alternative oxidase in plants; What is alternative oxidase?; Historical investigations of AOX in plants; Taxonomic distribution of alternative oxidase in all domains of life; Taxonomic distribution of alternative oxidase in plants; Chlorophyte algae; Streptophyte algae; Land plants; Recent functional hypotheses based on studies of AOX in multiple plants; Where should efforts be focused next?; References

Chapter 4 Alternative pathways and phosphate and nitrogen nutrition
Introduction; Phosphate limitation; Nitrogen nutrition and respiratory pathways; Summary; References; Chapter 5 Structural elucidation of the alternative oxidase reveals insights into the catalytic cycle and regulation of activity; Introduction; Function and species spread of alternative oxidase; Structure of the trypanosomal alternative oxidase; Models of the alternative oxidase; Modelling the structure of plant alternative oxidase; Summary; References

Chapter 6 The role of alternative respiratory proteins in nitric oxide metabolism by plant mitochondria
Introduction; Targets of NO in mitochondria; Mitochondrial NO degradation; NO degradation by external NAD(P)H dehydrogenases; Involvement of AOX in NO signalling and homeostasis; Oxidative pathways for NO synthesis; Reductive pathways for NO synthesis; Summary; Acknowledgments; References; Chapter 7 Control of mitochondrial metabolism through functional and spatial integration of mitochondria; Introduction; Functional and spatial integration: scope of the review
Mitochondria: origins and functions

Sommario/riassunto

Rapid developments in molecular and systems biology techniques have allowed researchers to unravel many new mechanisms through which plant cells switch over to alternative respiratory pathways. This book is a unique compendium of how and why higher plants evolved alternative respiratory metabolism. It offers a comprehensive review of current research in the biochemistry, physiology, classification and regulation of plant alternative respiratory pathways, from alternative oxidase diversity to functional marker development. The resource provides a broad range of perspectives on the applications
