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Titolo	The Physiology of Microalgae // edited by Michael A. Borowitzka, John Beardall, John A. Raven
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ISBN	3-319-24945-2
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (673 p.)
Collana	Developments in Applied Phycology ; ; 6
Disciplina	570
Soggetti	Plant biochemistry Plant physiology Metabolism Microbiology Aquatic ecology Plant Biochemistry Plant Physiology Metabolomics Applied Microbiology Freshwater & Marine Ecology
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.
Nota di contenuto	PART I: The Algae Cell -- PART II: The Fundamental Physiological Processes -- PART III: Nutrients and their Acquisition -- PART IV: Algae Interactions with Environment -- PART V: Secondary Metabolites -- PART VI: Applications -- PART VII: Systematics and Taxonomy. .
Sommario/riassunto	This book covers the state-of-the-art of microalgae physiology and biochemistry (and the several -omics). It serves as a key reference work for those working with microalgae, whether in the lab, the field, or for commercial applications. It is aimed at new entrants into the field (i.e. PhD students) as well as experienced practitioners. It has been over 40 years since the publication of a book on algal physiology. Apart from reviews and chapters no other comprehensive book on this topic has been published. Research on microalgae has expanded enormously

since then, as has the commercial exploitation of microalgae. This volume thoroughly deals with the most critical physiological and biochemical processes governing algal growth and production.
