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Titolo	Photosynthesis : from its evolution to future improvements in photosynthetic efficiency Using nanomaterials // edited by Juan Cristobal Garcia Canedo and Gema Lorena Lopez-Lizarraga
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ISBN	1-83881-610-0 1-78923-786-6
Descrizione fisica	1 online resource (124 pages)
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Soggetti	Photosynthesis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book is a compilation. It starts from the origins of the photosynthetic capacity of organisms with a summary of the evolution of photosynthesis. This is followed by a concise description of the photosynthetic process and a discussion of the role that light, nutrients, and cultivation play in the photosynthetic process using examples in each case. Finally, the book explains future improvements in the field by applying nanotechnology to improve photosynthetic productivity, explaining how crop productivity can be increased by engineering crop plants for tolerance against various environmental stresses and improving yield attributes, especially photosynthetic efficiency using nanomaterials.