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Descrizione fisica	1 online resource (305 pages) : illustrations
Collana	Wiley Series in Renewable Resources
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Soggetti	Biomass energy Algal biofuels Chitin - Biotechnology Marine mineral resources
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Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Overview of ocean and aquatic sources for the production of chemicals and materials -- Production and conversion of green macroalgae (<i>Ulva</i> spp.) -- A new wave of research interest in marine macroalgae for chemicals and fuels : challenges and potentials -- <i>Kappaphycus alvarezii</i> : a potential sustainable resource for fertilizers and fuels -- Microalgae bioproduction : feeds, foods, nutraceuticals, and polymers -- Innovations in crustacean processing : bio-production of chitin and its derivatives -- Recent progress on the utilization of chitin/chitosan for chemicals and materials -- Characterization and utilization of waste streams from mollusc aquaculture and fishing industries -- Fish processing waste streams as a feedstock for fuels.