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Pubbl/distr/stampa	New York, : Nova Science Publishers, c2009
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Altri autori (Persone)	HagenKristian N
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Soggetti	Algae as food Algae - Biotechnology Algae - Control Algae
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Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Algae: Nutrition, Pollution Control and Energy Sources""; ""Contents""; ""Preface""; ""Research and Review Studies""; ""Microalgae as Photosynthetic Oxygen Generators for Pollution Control, Life Support Systems and Medicine""; ""Abstract""; ""Introduction""; ""Photosynthetic Oxygen and the Evolution of Life""; ""The use of Photosynthetic Oxygenation for Bioremediation Processes""; ""Photosynthetic Oxygenation for Atmosphere Regeneration in an Enclosed Space Ecosystem""; ""Photosynthetic Oxygen Generator for Artificial Organs""; ""Conclusion""; ""Acknowledgement""; ""References"" ""Polyphosphate Contributes to Cd Tolerance in Chlamydomonas Acidophila KT-1""""Abstract""; ""1. Introduction""; ""2. Material and Methods""; ""3. Results""; ""4. Discussion""; ""References""; ""Study on Lead and Cadmium Absorption by the Organic Components of Natural Biofilms""; ""Abstract""; ""1. Introduction ""; ""2. Experimental Section ""; ""3. Results and Discussion ""; ""4. Conclusion ""; ""Acknowledgments ""; ""References ""; ""Desiccation Tolerance in Green Algae: Implications of Physiological Adaptation and Structural Requirements""; ""Abstract""; ""1. Introduction"" ""2. Desiccation Tolerant Green Algae""""3. Desiccation as a General Problem""; ""4. Lessons from other Desiccation Tolerant Plants""; ""5. Conclusion""; ""Acknowledgement""; ""References""; ""Utilization of

Algae for Pollution Elimination""; ""Abstract""; ""1. Introduction""; ""2. Behaviour of Algae in the Presence of Inorganic Stressors""; ""3. Uptake of Metal Ions from the Environment""; ""4. Removal of Inorganic Pollution""; ""5. Removal of Organic Pollution""; ""6. Treatment of Domestic Wastewater and Nutrient Removal""; ""7. Biomonitoring Using Algae""; ""8. Conclusion""

""Acknowledgement""""References""; ""Ultrasonic Control and Removal of Cyanobacteria""; ""Abstract""; ""1. Introduction""; ""2. Materials and Methods""; ""3. Ultrasonic Algae Control""; ""4. Potential Mechanisms""; ""5. Ultrasonic Degradation of Algal Toxins""; ""Conclusion""; ""References""; ""Effects of Acidification on Photosynthesis and Growth of Marine Algae: A Reappraisal of the Laboratory Data and Their Applicability to the Natural Habitats""; ""Abstract""; ""1. Introduction""; ""2. Is the CO₂ a Limiting Factor for the Algal Photosynthesis?"" ""3. Testing the Effects of the Acidification on Photosynthesis and Growth""""4. Conclusion""; ""Acknowledgments""; ""References""; ""Sulfated Polysaccharides from Algae: Characteristic Structures and Their Medicinal Applications""; ""Abstract""; ""Introduction""; ""Sulfated Polysaccharides from Blue-Green Algae""; ""Sulfated Polysaccharides from Red Algae""; ""Sulfated Polysaccharides from Green Algae""; ""Biological Activities of Sulfated Polysaccharides from Algae""; ""References""; ""Seaweeds and Thyroid Gland - Potential Sequelae of Seaweed-Derived Iodine""; ""Abstract""

""Introduction""

2. Record Nr.	UNINA9910728934703321
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Titolo	Intelligent Systems Design and Applications : 22nd International Conference on Intelligent Systems Design and Applications (ISDA 2022) Held December 12-14, 2022 - Volume 2 / / edited by Ajith Abraham, Sabri Pillana, Gabriella Casalino, Kun Ma, Anu Bajaj
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Descrizione fisica	1 online resource (614 pages)
Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 715
Altri autori (Persone)	PillanaSabri CasalinoGabriella MaKun BajajAnu
Disciplina	006.3
Soggetti	Computational intelligence Artificial intelligence Computational Intelligence Artificial Intelligence
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Sommario/riassunto	This book highlights recent research on intelligent systems and nature-inspired computing. It presents 223 selected papers from the 22nd International Conference on Intelligent Systems Design and Applications (ISDA 2022), which was held online. The ISDA is a premier conference in the field of computational intelligence, and the latest installment brought together researchers, engineers, and practitioners whose work involves intelligent systems and their applications in industry. Including contributions by authors from 65 countries, the book offers a valuable reference guide for all researchers, students, and practitioners in the fields of computer science and engineering. .