1. Record Nr. UNINA9910141511203321

Autore	Ramaswamy Shri <1957->
Titolo	Separation and purification technologies in biorefineries [[electronic resource] /] / Shri Ramaswamy, Hua-jiang Huang, Bandaru V. Ramarao
Pubbl/distr/stampa	Hoboken, : John Wiley & Sons Inc., 2013
ISBN	1-118-49346-X 1-118-49344-3 1-283-99387-2 1-118-49348-6
Descrizione fisica	1 online resource (610 p.)
Altri autori (Persone)	HuangHua-jiang RamaraoBandaru V
Disciplina	333.95/39
Soggetti	Biomass conversion Biomass energy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. I. Introduction -- pt. II. Equilibrium-based separation technologies -- pt. III. Affinity-based separation technologies -- pt. IV. Membrane separation -- pt. V. Solid-liquid separations -- pt. VI. Hybrid/integrated reaction-separation systems-process intensification -- pt. VII. Case studies of separation and purification technologies in biorefineries.
Sommario/riassunto	Separation and purification processes play a critical role in biorefineries and their optimal selection, design and operation to maximise product yields and improve overall process efficiency. Separations and purifications are necessary for upstream processes as well as in maximising and improving product recovery in downstream processes. These processes account for a significant fraction of the total capital and operating costs and also are highly energy intensive. Consequently, a better understanding of separation and purification processes, current and possible alternative and novel advance

2.

Record Nr.	UNINA9910786198503321
Autore	Chapman Anne <1958->
Titolo	Enhancing quality in transnational higher education [[electronic resource]] : experiences of teaching and learning in Australian offshore programs / / Anne Chapman and David Pyvis
Pubbl/distr/stampa	Lanham, Md., : Lexington Books, c2013
ISBN	1-283-65863-1 0-7391-6792-8
Descrizione fisica	1 online resource (166 p.)
Classificazione	EDU015000EDU020000
Altri autori (Persone)	PyvisDavid
Disciplina	378.1040994
Soggetti	Transnational education - Australia Education, Higher - Australia
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	Table of Contents; Acknowledgments; Introduction; I: Experiences of Students Engaged in Transnational Education; 1 Culture Shock for the Offshore Learner; 2 Dilemmas in Forming Student Identity in the Transnational Context; 3 Why University Students Choose Transnational Education; 4 Quality, Identity, and Practice in Offshore University Programs; II: Experiences of Academics Engaged in Transnational Education; 5 Structuring a Cross-border Partnership to Deliver Quality Teaching and Learning; 6 Quality Challenges for Transnational Higher Education 7 Capacity Building and Academic Professionalism8 Constructs of Quality in Cross-border Higher Education Delivery; References; Index; About the Authors
Sommario/riassunto	Enhancing Quality in Transnational Higher Education explores issues in the provision of quality teaching and learning in university programs delivered 'offshore'. A collection of case studies provides insights into the 'lived experiences' of teachers and learners engaged in Australian transnational education across a broad range of universities, locations, programs and models of delivery.

3. Record Nr. UNINA9911018819103321

Autore	Van Driesche Roy
Titolo	Integrating Biological Control into Conservation Practice
Pubbl/distr/stampa	Wiley, 2016
ISBN	9781118392584 1118392582 9781118392553 1118392558 9781118392577 1118392574
Descrizione fisica	1 online resource (372 p.)
Altri autori (Persone)	SimberloffDaniel BlosseyBernd CaustonCharlotte HoddleMark MarksChristian O HeinzKevin M WagnerDavid L WarnerKeith D
Disciplina	577/.18
Soggetti	Introduced organisms - Control Pests - Biological control Invasive plants - Control Alien plants - Control Conservation biology Nature conservation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Designing a restoration plan using Connecticut River floodplain forests as a modelRestoring physical processes to suppress invasive plants; Assessing ecological impact of invasive species; Eradiation and containment of a serious invader; Biological control and breeding host resistance against pests and pathogens; Holistic ecological restoration

and invasive species management; Biological control agents from other regions; Conclusion for Connecticut River watershed case study; Acknowledgments; References; Chapter 3 Matching tools to management goals; Introduction; Eradication; Limiting spread
Local, or area-wide, temporary suppression of invaders Manual or mechanical removal; Mass trapping; Hunting and bounties; Pesticides; Behavior-modifying chemicals ; Area-wide, permanent suppression through modification of ecosystem processes ; Changes in fire regimes; Changes in flood level or duration; Changes in grazing regimes; Changes in soil fertility levels; Replanting with native plants; Area-wide, permanent control through natural enemy introductions ; Factors affecting control efficacy; Invader biology; Ecological or geographic features of the invaded ecosystem
Spotted-wing drosophila, in Hawaii, a hypothetical case (Rank 5: unacceptably high risk)

Sommario/riassunto

Invasive species have a critical and growing effect upon natural areas. They can modify, degrade, or destroy wildland ecosystem structure and function, and reduce native biodiversity. Landscape-level solutions are needed to address these problems. Conservation biologists seek to limit such damage and restore ecosystems using a variety of approaches. One such approach is biological control: the deliberate importation and establishment of specialized natural enemies, which can address invasive species problems and which should be considered as a possible component of restoration. Biological control can be an effective tool against many invasive insects and plants but it has rarely been successfully employed against other groups. Safety is of paramount concern and requires that the natural enemies used be specialized and that targeted pests be drivers of ecological degradation. While modern approaches allow species to be selected with a high level of security, some risks do remain. However, as in all species introductions, these should be viewed in the context of the risk of failing to reduce the impact of the invasive species. This unique book identifies the balance among these factors to show how biological control can be integrated into ecosystem restoration as practiced by conservation biologists. Jointly developed by conservation biologists and biological control scientists, it contains chapters on matching tools to management goals; tools in action; measuring and evaluating ecological outcomes of biological control introductions; managing conflict over biological control; and includes case studies as well as an ethical framework for integrating biological control and conservation practice. Integrating Biological Control into Conservation Practice is suitable for graduate courses in invasive species management and biological control, as well as for research scientists in government and non-profit conservation organizations.