1.	Record Nr.	UNINA9910461015703321
	Autore	Reynolds J. D (Julian D.)
	Titolo	Management of freshwater biodiversity : crayfish as bioindicators / / Julian Reynolds, Catherine Souty-Grosset ; with contributions from Keith Crandall, Alastair Richardson, and Francesca Gherardi [[electronic resource]]
	Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2012
	ISBN	1-139-19945-5
		1-107-22415-2
		1-280-48431-4
		9786613579294
		1-139-20526-9
		1-139-20307-X
		1-139-20166-2
		1-139-20606-0
		1-139-20448-3
		1-139-03179-1
	Descrizione fisica	1 online resource (x, 374 pages) : digital, PDF file(s)
	Disciplina	595.3/84
	Soggetti	Crayfish - Ecology
		Freshwater biodiversity conservation
		Indicators (Biology)
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Introduction : biodiversity in freshwater systems, and the key role played by crayfish -- pt. 1. The present situation of crayfish in world freshwater ecosystems. 1. Crayfish in the decapod lineage, their natural distribution and their threatened status / with Keith Crandall ; 2. Why are crayfish, among freshwater decapods, considered pivotal in freshwater ecosystems? / with Alastair Richardson ; 3. Crayfish as prime players in ecosystems : life-history strategies / with Alastair Richardson ; 4. Human-mediated threats to crayfish survival : environmental degradation, climate change and translocations / with

Francesca Gherardi ; 5. Crayfish exploitation systems : harvest fisheries, aquaculture and consequences for biodiversity -- pt. 2. Applying science to conservation management. pt. 2a. Protecting freshwater biodiversity through monitoring and conserving crayfish. 6. Understanding and managing biodiversity using crayfish ; 7. Monitoring in conservation and management of indigenous crayfish populations ; pt. 2b. Management for conservation. 8. Control and management of non-indigenous crayfish / with Francesca Gherardi ; 9. Biodiversity management through the reintroduction of heritage crayfish species -- pt. 3. Knowledge transfer for successful crayfish management. 10. Effective legislation and public education for adequate conservation of crayfish and biodiversity ; 11. Management strategies to protect crayfish and biodiversity ; 12. Maintaining biological diversity and human well-being.

| Sommario/riassunto | Integrating research into freshwater biodiversity and the role of keystone species, this fascinating book presents freshwater crayfish as representatives of human-exacerbated threats to biodiversity and conservation. It uses examples from these and other large decapod invertebrates to explore how communities function and are controlled, alongside the implications of human demands and conflicts over limited resources, notably the severe impacts on biodiversity. The discussion is structured around three key topics - the present situation of crayfish in world freshwater ecosystems, the applications of science to conservation management and knowledge transfer for successful crayfish management. It outlines the historic exploitation of crayfish, addressing the problems caused by invasive alien forms and explaining the importance of correct identification when dealing with conservation issues. Offering a global perspective on freshwater systems, the book ultimately highlights how the conservation of such large and long-lived species will help protect ecosystem quality in the future. |

2. Record Nr.	UNINA9910478860903321
Autore	Gavrus Cristian (Cristian Dan)
Titolo	Global well-posedness of high dimensional Maxwell-Dirac for small critical data / / Cristian Gavrus, Sung-Jin Oh
Pubbl/distr/stampa	Providence, RI : , : American Mathematical Society, , 2020
ISBN	1-4704-5808-X
Descrizione fisica	1 online resource (106 pages)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; number 1279
Disciplina	515/.353
Soggetti	Partial differential equations -- Equations of mathematical physics and other areas of application [See also 35J05, 35J10, 35K05, 35L05] -- Maxwell equations
	Maxwell equations
	Initial value problems
	Exponential functions
	Dirac equation
	Differential equations, Partial
	Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Preliminaries -- Function spaces -- Decomposition of the nonlinearity -- Statement of the main estimates -- Proof of the main theorem -- Interlude : Bilinear null form estimates -- Proof of the bilinear estimates -- Proof of the trilinear estimates -- Solvability of paradifferential covariant half-wave equations.