1. Record Nr. UNINA9910139788903321

Titolo	Weedy and invasive plant genomics [[electronic resource] /] / edited by C. Neal Stewart
Pubbl/distr/stampa	Ames, IA, : Wiley-Blackwell, 2009
ISBN	1-282-25950-4 9786612259500 0-8138-0619-4 0-8138-0548-1
Edizione	[1st. ed.]
Descrizione fisica	1 online resource (271 p.)
Altri autori (Persone)	StewartC. Neal
Disciplina	581.6/52
Soggetti	Weeds - Genetics Weeds - Germplasm resources Weeds - Biological control Invasive plants - Genetics Invasive plants - Germplasm resources Invasive plants - Biological control Genomics Electronic books.
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	Weedy and Invasive Plant Genomics; Contents; Contributors; Preface; 1: Why Should Weed Scientists Care About Genomics?; 2: An Introduction To Molecular Genetic And Genomic Techniques; 3: Arabidopsis Is Not A Weed, And Mostly Not A Good Model For Weed Genomics; There Is No Good Model For Weed Genomics; 4: Model Weeds For Genomics Research; 5: 21st-Century Weed Science: A Call For Amaranthus Genomics; 6: Evolutionary Genomics Of Weedy Rice; 7: Rhizomatousness: Genes Important For A Weediness Syndrome; 8: Leafy Spurge: An Emerging Model To Study Traits Of Perennial Weeds 9: Herbicide Resistance: Target Site Mutations10: Molecular And Genomic Mechanisms Of Non-Target-Site Herbicide Resistance; 11: A Herbicide Defense Trait That Is Distinct From Resistance: The

	Evolutionary Ecology And Genomics Of Herbicide Tolerance; 12: The Genomics Of Plant Invasion: A Case Study In Spotted Knapweed; 13: Molecular Ecology Of Plant Competition; 14: Genomics And Weeds: A Synthesis; Index
Sommario/riassunto	Weedy and Invasive Plant Genomics offers a comprehensive, up-to-date reference on genetic and genomics research in weedy and invasive plants. Forward-looking in its approach, the work also assesses the areas of future research necessary to defeat these agricultural pests. This research-based, scholarly work engenders a further understanding of weeds and invasive plants, opening avenues for developing more effective methods of managing them. This volume will be a necessary reference for weed scientists, agrochemical industry researchers, conservation geneticist, and plant biologists.

2.

Record Nr.	UNINA9910777513403321
Autore	Gallagher Kelly Sims
Titolo	China shifts gears : automakers, oil, pollution, and development / / Kelly Sims Gallagher
Pubbl/distr/stampa	Cambridge, Mass., : MIT Press, ©2006
ISBN	0-262-30966-1 0-262-27338-1 1-282-09768-7 9786612097683 1-4237-8719-6
Descrizione fisica	x, 219 p. : ill
Collana	Urban and industrial environments
Disciplina	338.4/76292220951
Soggetti	Automobile industry and trade - China Automobile industry and trade - Environmental aspects - China Automobile industry and trade - Energy consumption - China
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p. [189]-201) and index.

Sommario/riassunto

Chinese production of automobiles rose from 42,000 cars per year in 1990 to 2.3 million in 2004; the number of passenger vehicles on the road doubled every two and a half years through the 1990s and continues to grow. In China Shifts Gears, Kelly Sims Gallagher identifies an unprecedented opportunity for China to "shift gears" and avoid the usual problems associated with the automobile industry -- including urban air pollution caused by tailpipe emissions, greenhouse gas emissions, and high dependence on oil imports -- while spurring economic development. This transformation will only take place if the Chinese government plays a leadership role in building domestic technological capacity and pushing foreign automakers to transfer cleaner and more energy-efficient technologies to China. If every new car sold in China had the cleanest and most energy-efficient of the automotive technologies already available, urban air pollution could be minimized, emissions of climate-altering greenhouse gases would be lower than projected, and the Chinese auto industry would continue to flourish and contribute to China's steady economic development. But so far, Gallagher finds, the opportunity to shift gears has been missed. Gallagher looks in detail at three U.S.-Chinese joint ventures: Beijing Jeep, Shanghai GM, and Chang'An Ford. These case studies are based on original research, including interviews with 90 government officials, industry representatives, and experts in both countries. Drawing from the case studies, Gallagher explores the larger issues of the environmental and economic effects of technology transfer in the automobile industry and the policy implications of "leapfrogging" to more advanced technology.