

1.	Record Nr.	UNINA990009708380403321
	Autore	Perkins, Dwight
	Titolo	Rural development in China / Dwight Perkins and Shahid Yusuf
	Pubbl/distr/stampa	Baltimore : The Johns Hopkins University Press, 1984
	ISBN	0-8018-3261-6
	Descrizione fisica	x, 235 p. ; 22 cm
	Altri autori (Persone)	Yusuf, Shahid
	Locazione	DECTS
	Collocazione	ISVE O1-O2/34
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910557792103321
	Autore	Herak David
	Titolo	Biomass for Energy Application
	Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
	Descrizione fisica	1 online resource (246 p.)
	Soggetti	Technology: general issues
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Sommario/riassunto	This book focuses on the utilization of biomass for energy applications and mainly covers the original research and studies related to thermochemical conversion, biological conversion and physical

conversion. It contains a summary the current scientific knowledge in the field of biomass utilization, which is the first of its kind in the literature. Energy potentials and different principles of energy transformation from various renewable energy sources (bamboo, wood residue, straw, sorrel, hay, pines, sunflower stalks, hazelnut husks, quinoa, camelina, crambe, safflower, muscantus and municipal sewage sludge, among others) are described in detail in this book. Different types of pyrolysis or torrefaction processing, combustion, thermal degradation, mechanical properties affecting processing, pre-treatment or treatment processes, or other processes based on thermochemical methods are described as well. The integral part of this book is the bibliometric analysis of worldwide publication trends on biomass and bioenergy with respect to the research evolution with the possibility of predicting future scenarios and the participation of stakeholders in the sector.
