

1. Record Nr.	UNINA9910639989203321
Autore	Gwiazdowicz Dariusz J
Titolo	Diversity and Distribution of Forest Insects
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
ISBN	3-0365-5980-9
Descrizione fisica	1 electronic resource (176 p.)
Soggetti	Research & information: general Biology, life sciences Forestry & related industries
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Forests are the richest and most complex ecosystems in the world. Due to the abundance of species and their intricate relationships, huge problems are faced when investigating and analyzing them, despite the fact that increasingly sophisticated research tools are currently available. This is also true in the case of the largest group of animals in the world, i.e., insects inhabiting the forest environment. We are currently living in times of dramatic environmental changes triggered by human activity. The effects of climate change are evident and lead to changes in forests. Growing numbers of insect species are being threatened, and it is our responsibility to protect them. This Special Issue of our journal aims to provide a platform for scientific discussions on an array of research problems, such as geographic or historic diversity of forest insects, their variability, habitat preferences, as well as their monitoring or use as bioindicators of environmental changes. We are convinced that this Special Issue will not only be a source of inspiration for further research but will also contribute to reaching a reasonable compromise between the necessary protection of forests and the need for economic benefits. It is our belief that entomological studies will be of considerable value in these efforts.

2. Record Nr.	UNINA9910142903703321
Titolo	Solid state technology
Pubbl/distr/stampa	Port Washington, N.Y., : Cowan Pub. Corp., ©1968- Tulsa, OK, : PennWell Publ. Co
Descrizione fisica	1 online resource
Disciplina	621.381/05
Soggetti	Solid state electronics Semiconductors Solids Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Title from cover.

3. Record Nr.	UNINA9910595076203321
Autore	Lam Albert Y.S
Titolo	Smart Energy and Intelligent Transportation Systems
Pubbl/distr/stampa	Basel, 2022
Descrizione fisica	1 online resource (110 p.)
Soggetti	History of engineering & technology Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>With the Internet of Things and various information and communication technologies, a city can manage its assets in a smarter way, constituting the urban development vision of a smart city. This facilitates a more efficient use of physical infrastructure and encourages citizen participation. Smart energy and smart mobility are among the key aspects of the smart city, in which the electric vehicle (EV) is believed to take a key role. EVs are powered by various energy sources or the electricity grid. With proper scheduling, a large fleet of EVs can be charged from charging stations and parking infrastructures. Although the battery capacity of a single EV is small, an aggregation of EVs can perform as a significant power source or load, constituting a vehicle-to-grid (V2G) system. Besides acquiring energy from the grid, in V2G, EVs can also support the grid by providing various demand response and auxiliary services. Thanks to this, we can reduce our reliance on fossil fuels and utilize the renewable energy more effectively. This Special Issue "Smart Energy and Intelligent Transportation Systems" addresses existing knowledge gaps and advances smart energy and mobility. It consists of five peer-reviewed papers that cover a range of subjects and applications related to smart energy and transportation.</p>