1. Record Nr. UNINA9910873613703321

Titolo	.. International Symposium on Next-Generation Electronics : conference program
Pubbl/distr/stampa	[Piscataway, NJ] : , : IEEE, , [2010]-
ISSN	2378-8607
Disciplina	621.381
Soggetti	Electronics Electronic systems Conference papers and proceedings.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Subtitle varies. Proceedings of symposium.

2. Record Nr. UNINA9910299935103321

Titolo	Polymer Gels : Perspectives and Applications / / edited by Vijay Kumar Thakur, Manju Kumari Thakur, Stefan Ioan Voicu
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2018
ISBN	981-10-6080-0
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (414 pages) : illustrations
Collana	Gels Horizons: From Science to Smart Materials, , 2367-0061
Disciplina	547.704545
Soggetti	Biomedical engineering Pharmaceutical technology Polymers Biomedical Engineering and Bioengineering Pharmaceutical Sciences/Technology Polymer Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Sommario/riassunto	This book summarizes the recent advances in the science and engineering of polymer-gel-based materials in different elds. It also discusses the extensive research developments for the next generation of smart materials. It takes an in-depth look at the current perspectives and market opportunities while pointing to new possibilities and applications. The book addresses important topics such as stimuli responsive polymeric nanoparticles for cancer therapy; polymer gel containing metallic materials; chemotherapeutic applications in oncology; conducting polymer-based gels and their applications in biological sensors; imprinted polymeric gels for pharmaceutical and biomedical purposes; applications of biopolymeric gels in the agricultural sector; application of polymer gels and their nanocomposites in electrochemistry; smart polyelectrolyte gels as a platform for biomedical applications; agro-based polymer gels and their application in purification of industrial water wastes; polymer gel composites for bio-applications. It will be of interest to researchers working in both industry and academia.