1.	Record Nr.	UNISA996466324903316
	Titolo	Blended Learning: Educational Innovation for Personalized Learning [[electronic resource]] : 12th International Conference, ICBL 2019, Hradec Kralove, Czech Republic, July 2–4, 2019, Proceedings / / edited by Simon K. S. Cheung, Lap-Kei Lee, Ivana Simonova, Tomas Kozel, Lam-For Kwok
	Pubbl/distr/stampa	Cham : , , : Springer International Publishing : , , : Imprint : Springer, , 2019
	ISBN	3-030-21562-8
	Edizione	[1st ed. 2019.]
	Descrizione fisica	1 online resource (XV, 352 p. 101 illus., 80 illus. in color.)
	Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 11546
	Disciplina	300.285
	Soggetti	Education—Data processing Social sciences—Data processing Application software Information storage and retrieval systems User interfaces (Computer systems) Human-computer interaction Computers and Education Computer Application in Social and Behavioral Sciences Computer and Information Systems Applications Information Storage and Retrieval User Interfaces and Human Computer Interaction
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Personalized and adaptive learning -- Content development for blended learning -- Experience in blended learning -- Analytics and evaluation for blended learning -- Open educational resources -- Pedagogical and psychological issues.
	Sommario/riassunto	This book constitutes the refereed proceedings of the 12th International Conference on Blended Learning, ICBL 2019, held in Hradec Kralove, Czech Republic, in July 2019. The 28 papers presented were carefully reviewed and selected from 80 submissions. The papers

are organized in topical sections named: personalized and adaptive learning; content development for blended learning; experience in blended learning; analytics and evaluation for blended learning; open educational resources; and pedagogical and psychological issues.

---

2. **Record Nr.**   UNINA9910635398403321

Titolo	Nano-Strategies for Addressing Antimicrobial Resistance : Nano-Diagnostics, Nano-Carriers, and Nano-Antimicrobials / / edited by Vinay Kumar, Varsha Shriram, Ravi Shukla, Suresh Gosavi
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-031-10220-7
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (418 pages)
Collana	Nanotechnology in the Life Sciences, , 2523-8035
Disciplina	170 660.62
Soggetti	Plant biotechnology Nanotechnology Biotechnology Medical microbiology Plant Biotechnology Medical Microbiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1.The History of Antibiotics Illumes the Future of Antimicrobial Peptides Administered Through Nano-Systems -- 2.Current approaches and prospects of nanomaterials in rapid diagnosis of antimicrobial resistance -- 3.Nanomaterials-mediated delivery of antimicrobial agents 'The Nanocarriers' -- 4.Nanoparticle functionalization: Approaches and applications -- 5.Nano-adjuvants as effective next-generation antimicrobial agents -- 6.Limiting antibiotic-resistant bacteria using multifunctional nanomaterials -- 7.Microbial resistance mechanisms and potential of metal-organic framework in mitigation

thereof -- 8.Silver-based Nano-Formulations for Treating Antibiotic-Resistant Microbial Strains -- 9.Gold Nanoparticles: A Lethal Nanoweapon against Multidrug Resistant Bacteria -- 10.Antimicrobial Potentials of Zinc and Iron Oxide Nanoparticles -- 11.Carbon Nanostructures for Fighting Antimicrobial Resistant Bacteria -- 12. Nano-formulations against Multidrug Resistant Members of ESKAPE pathogens.

Sommario/riassunto	Antibiotics, the backbone of modern clinical-medicine, are facing serious challenges from emerging antimicrobial-resistance (AMR), a complicated phenomenon expanding in bacterial species, from nosocomial to community origins, where microbes are no longer sensitive to a range of commonly used antibiotics. AMR has exploded in recent years and is posing a serious threat to human health and survival. This necessitates novel and effective ways of diagnosis, drug-delivery, and treatment; nanotechnology and advanced nanomaterials are hailed as a potent solution in containing AMR. The main thrust of this volume is to explain the most current research on the central theme of potential use of nano-approaches for diagnosis, detection, drug-delivery and as antimicrobial agents against drug-resistant pathogenic microbes. This book provides an integrated blend of basic and advanced information for students, scholars, scientists and practitioners, interested or already engaged in research in these areas. We have brought together leading international authors to present and highlight various aspects of nanotechnology in combating AMR in WHO-prioritized microbes. Topics range from advances in nanomaterial synthesis, characterization, functionalization and improvisation, as well as applications in sensing, diagnosis of AMR, and their therapeutic and drug-delivery potential against MDR and XDR microbial phenotypes.