1. Record Nr. UNINA9910146878903321

Titolo	Domestic and international trials, 1700-2000 [[electronic resource] /] / edited by R. A. Melikan
Pubbl/distr/stampa	Manchester, UK, : Manchester University Press New York, NY, : Distributed exclusively in the USA by Palgrave, 2003
ISBN	1-280-73445-0 9786610734450 1-84779-023-2 1-4175-7600-6
Descrizione fisica	1 online resource (196 pages) : illustrations, charts
Collana	The Trial in history ; ; v. 2
Altri autori (Persone)	MelikanR. A
Disciplina	347.420709
Soggetti	Justice, Administration of - England - History Trials - England Trials - Europe War crime trials Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	Focusing both on English criminal, military, and parliamentary trials, and upon national and international trials for war crimes, this book illuminates the diverse forces that have shaped trials during the modern era.

2. Record Nr. UNINA9910557748703321

Autore	Carrasco Gary
Titolo	Biocomposite Inks for 3D Printing
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (213 p.)
Soggetti	Information technology industries
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Three-dimensional (3D) printing has evolved massively during the last years. The 3D printing technologies offer various advantages, including: i) tailor-made design, ii) rapid prototyping, and iii) manufacturing of complex structures. Importantly, 3D printing is currently finding its potential in tissue engineering, wound dressings, tissue models for drug testing, prosthesis, and biosensors, to name a few. One important factor is the optimized composition of inks that can facilitate the deposition of cells, fabrication of vascularized tissue and the structuring of complex constructs that are similar to functional organs. Biocomposite inks can include synthetic and natural polymers, such as poly (Îµ-caprolactone), polylactic acid, collagen, hyaluronic acid, alginate, nanocellulose, and may be complemented with cross-linkers to stabilize the constructs and with bioactive molecules to add functionality. Inks that contain living cells are referred to as bioinks and the process as 3D bioprinting. Some of the key aspects of the formulation of bioinks are, e.g., the tailoring of mechanical properties, biocompatibility and the rheological behavior of the ink which may affect the cell viability, proliferation, and cell differentiation.The current Special Issue emphasizes the bio-technological engineering of novel biocomposite inks for various 3D printing technologies, also considering important aspects in the production and use of bioinks.