1. Record Nr. UNINA9910464401803321

Autore	Troger Eberhard
Titolo	Density & atmosphere : on factors relating to building density in the European cities / / author, Eberhard Troger ; editor, Prof. Dietmar Eberle ; photographs, Claudia Klein, Michael Heinrich
Pubbl/distr/stampa	Basel, Switzerland : , : Birkhauser, , 2015 ©2015
ISBN	3-0356-0439-8
Descrizione fisica	1 online resource (536 p.)
Disciplina	720.103
Soggetti	Architecture and society Urban density City planning Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Photo Essay -- The attuned City -- Introduction -- APPROACH, METHODOLOGY, AND TERMINOLOGY -- The Districts -- Evaluation -- Conclusions -- Berlin -- Only Playing -- City and Atmosphere . Impressions of Vienna -- Forest Fever -- Terminology and Abbreviations -- Figure-Ground Plans of the Cities -- Density Category 1 (< 0.4): Single-Family House Idyll 1:House and Garden -- Density Category 2 (0.4 – 0.6): Single-Family House Idyll 2: Urban Garden Cities -- Density Category 3 (0.6 – 0.9): Urban A partments in Green Areas 1: Houses and Rows -- Density Category 4 (0.9 – 1.2): Urban Apartments in Green Areas 2: Row and Courtyard -- Density Category 5 (1.2 – 1.5): Urban Apartments in Green Areas 3: Courtyard and Garden -- Density Category 6 (1.5 – 1.9): Inner-City Mixture 1: Courtyard and Street -- Density Category 7 (1.9 – 2.3): Inner-City Mixture 2: Grids, Axes, and Squares -- Density Category 8 (2.3 – 2.7): Inner-City Mixture 3: Historic Suburbs and City Centers -- Density Category 9 (> 2.7): Inner-City Mixture 4: Commercial Centers -- City Diagrams -- Biographies -- Picture Credits -- Acknowledgements/ Imprint -- Photo Essay by Claudia Klein

Sommario/riassunto	A unique and timely handbook, a register, and an analytical tool for anyone interested in the built past and future of the European city Dieses Buch untersucht die Zusammenhänge zwischen den Ausprägungen baulicher Dichte und daraus entstehenden Atmosphären, Nutzungsverteilungen und deren Wertschätzung. Anhand von 9 Dichtekategorien, die den öffentlichen Raum mit einbeziehen, werden 36 exemplarische Quartiere in Zürich, Wien, München und Berlin fotografisch und in Kartenmaterial dokumentiert und ausgewertet. Ein einmaliges Kompendium der mitteleuropäischer Stadträume!

2. Record Nr. UNINA9910373906703321

Autore	Cho Dong Woo
Titolo	3D Bioprinting : Modeling In Vitro Tissues and Organs Using Tissue-Specific Bioinks / / by Dong-Woo Cho, Byoung Soo Kim, Jinah Jang, Ge Gao, Wonil Han, Narendra K. Singh
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-32222-X
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (124 pages) : illustrations
Disciplina	610.28
Soggetti	Biomedical engineering Regenerative medicine Tissue engineering Mechanical engineering Impressió 3D Enginyeria biomèdica Biomedical Engineering/Biotechnology Biomedical Engineering and Bioengineering Regenerative Medicine/Tissue Engineering Mechanical Engineering Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.

Nota di contenuto	Introduction -- Definition, necessity, and prerequisites for modeling 3D tissues and organs -- Prevalent technologies for in vitro tissue/organ biofabrication -- 3D cell printing techniques -- Decellularized extracellular matrix-based bioinks -- Skin -- Blood vessels -- Liver -- Kidney -- Cardiac -- Airway -- Brain -- Muscle -- Conclusion and future perspective.
Sommario/riassunto	The volume offers a fundamental knowledgein modeling in vitro tissues/organs as an alternative to 2D cell culture and animal testing. Prior to engineering in vitro tissues/organs,the descriptions of prerequisites (from pre-processing to post-processing) in modeling in vitro tissues/organs are discussed. The most prevalent technologies that have been widely used for establishing the in vitro tissue/organ models are also described, including transwell, cell spheroids/sheets, organoids, and microfluidic-based chips. In particular, the authors focus on 3D bioprintingin vitro tissue/organ models using tissue-specific bioinks. Several representative bioprinting methods and conventional bioinks are introduced. As a bioink source,decellularized extracellular matrix (dECM) are importantly covered, including decellularization methods, evaluation methods for demonstrating successful decellularization, and material safety. Taken together, the authors delineate various application examples of 3D bioprintedin vitro tissue/organ models especially using dECM bioinks. This book may provide an introductory guide for modeling in vitro tissues/organs and for opening up agate for beginnersincluding teachers and undergraduate/graduate students. -Provides strategic insight into the biofabrication of in vitro tissues and organs; -Introduces 3D cell-printing techniques and dECM-based bioinks; -Includes examples of 3D cell printed in vitro tissues/organs.