1. Record Nr. UNINA9910462267903321

Titolo	Perspectives on digital pathology [[electronic resource]] : results of the Cost Action IC0604 Euro-Telepath / / edited by Marcial Garcia-Rojo, Bernd Blobel and Arvydas Laurinavicius
Pubbl/distr/stampa	Amsterdam, : IOS Press, c2012
ISBN	1-299-33318-4 1-61499-086-7
Descrizione fisica	1 online resource (280 p.)
Altri autori (Persone)	Garcia-RojoMarcial BlobelBernd LaurinaviciusArvydas
Disciplina	616.07
Soggetti	Pathology Medical informatics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Title Page; Preface; COST Action IC0604: Management Committee Members and Participants; Contents; Part I. Introduction; The COST Action IC0604 "Telepathology Network in Europe" (EURO-TELEPATH); Part II. State of the Art in Digital Pathology; State of the Art and Trends for Digital Pathology; State of the Art in Telemedicine - Concepts, Management, Monitoring and Evaluation of the Telemedicine Programme in Alentejo (Portugal); Paradigm Changes in Health Lead to Paradigm Changes in Pathology; Telepathology Interoperability - A System Architectural Approach Consequences of "Going Digital" for Pathology Professionals - Entering the CloudDigital Pathology for Education; Part III. Pathology Business Modeling; Business Process Modeling in Healthcare; State of the Art in Pathology Business Process Analysis, Modeling, Design and Optimization; Part IV. Standards and Specifications in Pathology; Standards and Specifications in Pathology: Image Management, Report Management and Terminology; SNOMED CT in Pathology; Part V. Images: Analysis, Processing, Retrieval and Management; Digital

	Pathology in Personalized Cancer Therapy Digital Image Analysis in Breast Cancer: An Example of an Automated Methodology and the Effects of Image CompressionAdaptive Clustering of Image Database (ACID) as an Efficient Tool for Improving Retrieval in a CBIR System; Part VI. Technology and Automation in Pathology; Automated High Throughput Whole Slide Imaging Using Area Sensors, Flash Light Illumination and Solid State Light Engine; Security and Privacy Services in Pathology for Enabling Trustworthy Personal Health; Emerging Trends: Grid Technology in Pathology; Part VII. Strategic Developments and Emerging Research Evaluation of a Completely Automated Tissue-Sectioning Machine for Paraffin BlocksAn Ultra-High Speed Whole Slide Image Viewing System; A Role of Three-Dimensional (3D) Reconstruction in the Classification of Lung Adenocarcinoma; Subject Index; Author Index

2. Record Nr. UNINA9910437927003321

Titolo	Performance of cement-based materials in aggressive aqueous environments : state-of-the-art report, RILEM, TC 211-PAE / / Mark Alexander, Alexandra Bertron, Nele De Belie, editors
Pubbl/distr/stampa	New York, : Springer, 2013
ISBN	1-283-94474-X 94-007-5413-2
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (469 p.)
Collana	RILEM state of the art reports, , 2213-204X ; ; v. 10
Altri autori (Persone)	AlexanderMark BertronAlexandra BelieNele de
Disciplina	624.1833
Soggetti	Cement
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. I. Mechanisms of degradation of cementitious materials in aggressive aqueous environments -- pt. II. Modeling of cementitious materials in aggressive aqueous environments -- pt. III. Methods for testing concrete degradation in aggressive aqueous environments --

pt. IV. Cementitious materials performance in aggressive aqueous environments - engineering perspectives.

Sommario/riassunto

Concrete and cement-based materials must operate in increasingly aggressive aqueous environments, which may be either natural or industrial. These materials may suffer degradation in which ion addition and/or ion exchange reactions occur, leading to a breakdown of the matrix microstructure and consequent weakening. Sometimes this degradation can be extremely rapid and serious such as in acidic environments, while in other cases degradation occurs over long periods. Consequences of material failure are usually severe – adversely affecting the health and well-being of human communities and disturbing ecological balances. There are also large direct costs of maintaining and replacing deteriorated infrastructure and indirect costs from loss of production during maintenance work, which place a great burden on society. The focus of this book is on addressing issues concerning performance of cement-based materials in aggressive aqueous environments , by way of this State-of-the-Art Report. The book represents the work of many well-known and respected authors who contributed chapters or parts of chapters. Four main themes were addressed: I. Nature and kinetics of degradation and deterioration mechanisms of cement-based materials in aggressive aqueous environments, II. Modelling of deterioration in such environments, III. Test methods to assess performance of cement-based materials in such environments, and which can be used to characterise and rate relative performance and inform long term predictions, IV. Engineering implications and consequences of deterioration in aggressive aqueous environments, and engineering approaches to the problem.