

1. Record Nr.	UNINA9910459951303321
Titolo	Unicompartmental arthroplasty with the Oxford knee [[electronic resource] /] / John Goodfellow ... [et al.]
Pubbl/distr/stampa	Oxford [U.K.], : Goodfellow Publishers, Ltd., 2011
ISBN	1-283-11382-1 9786613113825 1-906884-75-7 600-00-3987-5
Descrizione fisica	1 online resource (204 p.)
Altri autori (Persone)	GoodfellowJohn
Disciplina	617.5/820592 617.5820592
Soggetti	Arthroplasty Artificial knee Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	First published by Oxford University Press, 2006.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	CONTENTS; Introduction; 1 Design of the Oxford Knee; Part 1 Designing against wear; Part 2 Restoring natural mobility and stability; 2 Indications; 3 Principles of the Oxford operation; 4 Surgical technique; 5 Postoperative management and radiography; 6 Results; 7 Management of complications; Appendix. Mathematical models of the knee; Index
Sommario/riassunto	This book traces the 30 year development by surgeons and engineers in Oxford of a unique method of unicompartmental knee replacement with the 'Oxford Knee' prosthesis.

2. Record Nr.	UNINA9911007254503321
Autore	Federation Water Environment
Titolo	Basic Laboratory Procedures for the Operator-Analyst, 6th Edition
Pubbl/distr/stampa	Chicago : , : Water Environment Federation, , 2023 ©2023
ISBN	9781523147908 1523147903 9781572784444 157278444X
Edizione	[Sixth edition.]
Descrizione fisica	1 online resource (404 pages)
Disciplina	551.48
Soggetti	Water chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Title Page -- Copyright -- Contents -- List of Figures -- List of Tables -- Preface -- Chapter 1 Introduction to the Laboratory -- 1.0 Background -- 2.0 Wastewater Constituents -- 2.1 Components -- 2.2 Relationships between Different Wastewater Components -- 2.2.1 Per Capita Generation Rates -- 2.2.2 Ratios Between Wastewater Constituents in Domestic Wastewater -- 2.3 Mass Balance -- 3.0 Sampling -- 3.1 Representative Sampling -- 3.2 Purposes of Sampling -- 3.2.1 Regulatory Requirements -- 3.2.2 Process Control -- 3.2.3 Determine Process and Facility Efficiency -- 3.2.4 Support or Refute Future Capital Expenditures -- 3.2.5 Historical Records -- 3.3 Sample and Measurement Collection -- 3.3.1 Continuous Measurements -- 3.3.2 Grab Samples -- 3.3.3 Composite Samples -- 3.3.3.1 Fixed-Volume Composite Samples -- 3.3.3.2 Flow-Proportional Composite Samples -- 3.3.3.2.1 Variable-Volume Technique -- 3.3.3.2.2 Variable-Frequency Technique -- 3.4 Use of Automatic Samplers -- 3.4.1 Programming -- 3.4.2 Cleanliness -- 3.4.3 Materials of Construction -- 3.5 Sample Hold Time -- 3.6 Sample Containers -- 3.7 Preservatives -- 3.8 Samples Requiring Special Consideration -- 3.9 Recommended Sampling Locations for Process Control -- 4.0 References -- Chapter 2 Laboratory Basics -- 1.0 Laboratory Safety --

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Sommario/riassunto

Basic Laboratory Procedures for the Operator-Analyst includes laboratory procedures most often performed in wastewater laboratories and general wet chemistry procedures, activated sludge process control tests, bacteriological testing, and special sections about basic laboratory techniques and proper use of spectrophotometers and colorimetry. Each method (procedure) is broken down into easy-to-follow, step-by-step directions that adhere to recommendations found in Standard Methods for the Examination of Water and Wastewater and approved U.S. Environmental Protection Agency guidelines. The intention of the manual is to help the operator-analyst produce analytical data that are defensible, precise, and accurate for process control and permit reporting.

3. Record Nr.

UNINA9910557349403321

Autore

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Titolo

Environmental Factors Shaping the Soil Microbiome

Pubbl/distr/stampa

Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021

Descrizione fisica

1 online resource (156 p.)

Soggetti

Research & information: general
Research and information: general

Lingua di pubblicazione

Inglese

Formato

Materiale a stampa

Livello bibliografico

Monografia

Sommario/riassunto

This book emphasizes that soil productivity is considered an important

factor for the success of agricultural production. The microbial community's composition and the diversity of agricultural soils primarily depend on management practices. Exogenous nutritional inputs are inevitable processes in crop production, which can change the structure of soil bacterial communities. The combined application of compost and inorganic fertilizers might be a good way to keep up with agricultural productivity while maintaining the environmental balance. Bacterial communities are also known to differ according to the plant genotypes and hosts. Plant genotypic differences do not always lead to significant differences in microbiomes in the rhizosphere. It was concluded that imaginative research should address the simulation of the soil microenvironment, so as to understand the factors that regulate microbial activities in micro-niches.
