1. Record Nr. UNINA9910373955103321

Titolo	Comprehensive healthcare simulation : InterProfessional team training and simulation / / John T. Paige, Shirley C. Sonesh, Deborah D. Garbee, Laura S. Bonanno, editors
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020 ©2020
ISBN	3-030-28845-5
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XXVIII, 312 p. 20 illus., 11 illus. in color.)
Collana	Comprehensive Healthcare Simulation, , 2366-4479
Disciplina	610.11
Soggetti	Anesthesiology Computer simulation Simulation and Modeling
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	SECTION 1 Theories and Concepts -- Chap. 1: Improving Patient Care: The Role of Effective Simulation -- Chap. 2: The Impact of Interprofessional Education on Healthcare Team Performance: A Theoretical Model and Recommendations -- Chap 3: Human Factors in Healthcare: Theoretical Underpinnings for Simulation in Interprofessional Education -- Chap 4: Teamwork: Education and Training in Healthcare -- Chap 5: Best Practices for Interprofessional Education Debriefing in Medical Simulation -- SECTION 2 Nuts and Bolts -- Chap 6: Challenges to Conducting Simulation-based Interprofessional Education for Non-technical Skills -- Chap 7: Establishing a Sustainable, Integrated Pre-professional Interprofessional Simulation Program -- Chap 8: Optimizing Interprofessional Education with In Situ Simulation -- Chap 9: Considerations and Strategies for Assessing Simulation-based Training in Interprofessional Education -- Chap 10. Logistics in Simulation-based Interprofessional Education -- Chap 11: Developing a State-of-the-Art Simulation-based Education Center -- SECTION 3 Perspectives of Interprofessional Education -- Chap 12: Interprofessional Simulation in Pre-licensure Learners -- Chap 13: Simulation-based Training for

Post-Graduate Interprofessional Learners -- Chap 14: Simulation-based Training for Interprofessional Teams of Practicing Clinicians -- Chap 15: Simulation-based Training for Assessment of Competency, Certification, and Maintenance of Certification -- Chap 16: Teamwork in the Operating Room -- Chap 17: Applications of Simulation-based Interprofessional Education in Labor and Delivery -- Chap 18: Applications of Simulation-based Interprofessional Education in Critical Care Setting and Situations: Emergency Room, Trauma, Critical Care, Rapid Response, and Disasters -- Chap 19: Pre-hospital Care: Emergency Medical Services.

Sommario/riassunto

This book focuses on InterProfessional (IP) Team Training and Simulation, from basic concepts to the practical application of IP in different healthcare settings. It thoroughly and comprehensively covers the role of simulation in healthcare, human factors in healthcare, challenges to conducting simulation-based IP, logistics, and applications of simulation-based IP in clinical practice. Supplemented by high-quality figures and tables, readers are introduced to the different simulation modalities and technologies employed in IP team training and are guided on the use of simulation within IP teams. Part of the authoritative Comprehensive Healthcare Simulation Series, InterProfessional Team Training and Simulation can be used in training for a variety of learners, including medical students, residents, practicing physicians, nurses, and health-related professionals.

2. Record Nr. UNINA9911019830703321

Titolo	Environmental issues and waste management technologies in the materials and nuclear industries XII : a collection of papers presented at the 2008 Materials Science and Technology Conference (MS&T08), October 5-9, 2008, Pittsburgh, Pennsylvania / / edited by Alex Cozzi, Tatsuki Ohji
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, c2009
ISBN	1-282-30624-3 9786612306242 0-470-53837-6 0-470-53836-8
Descrizione fisica	1 online resource (322 p.)
Collana	Ceramic transactions ; ; v. 207
Altri autori (Persone)	CozziAlex <1963-> (Alex Douglas) OhjiT (Tatsuki)
Disciplina	363.728 628.42
Soggetti	Green technology Materials science Refuse and refuse disposal Waste minimization
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 author index.
Nota di contenuto	Environmental Issues and Waste Management Technologies in the Materials and Nuclear Industries XII; Contents; Preface; CERAMICS AND GLASS FOR WASTE MINIMIZATION, STABILIZATION AND DISPOSITION; Glasses for Immobilizing Lanthanide, Alkali, and Alkali-Earth Fission Products; Full-Scale Cold Crucible Test on Vitrification of Savannah River Site SB4 HLW Surrogate; Processing Fly Ash from Coal Burning Power Station in a Variable Radiofrequency Field; NETEC Cold Crucible Induction Melter Demonstration for SRNL with Simulated Sludge Batch 4 DWPF Waste Adsorption and Separation of Uranium Using Tungsten OxidesAccelerated Processing of SB4 and Preparation for SB5 Processing at DWPF; Effect of Compositional Changes on the Structure

and Crystallization Tendency of a Borosilicate Glass Containing MoO3; The Immobilisation of a Chloride Containing Actinide Waste Surrogate in Calcium Aluminosilicate Glasses; International Studies of Enhanced Waste Loading and Improved Melt Rate For High Alumina Concentration Nuclear Waste Glasses; Leach Testing Applied to the Investigation of Long-Term Behavior of High-Level Waste Glass: French Experience SCK·CEN R&D on the Interaction between Nuclear Waste Glass and Clay Near- and Far-Field MaterialsGLAMOR-Or How We Achieved a Common Understanding on the Decrease of Glass Dissolution Kinetics; Characterization of Vitrified Savannah River Site SB4 Waste Surrogate Produced in Cold Crucible Induction Melter; Accelerated Weathering of Waste Glass at 90°C with the Pressurized Unsaturated Flow (PUF) Apparatus: Implications for Predicting Glass Corrosion with a Reactive Transport Model; The Product Consistency Test (PCT): How and Why it Was Developed
GREEN TECHNOLOGIES FOR MATERIALS MANUFACTURING AND PROCESSINGGreen Process for Recovery of Copper; Exploiting Hall-Petch Strengthening for Sustainability; Novel Process Development with Continuous Casting and Precise Forging for AI-Si Alloys to Produce an Engine Piston; Pilot Testing of a Green, No-Waste Process to Maximize Value from Hot Aluminum Dross; Effect of Bismuth on the Tensile Properties and Dry Machining Performance of AL-12.7 wt% Si Alloy; Engineering Decisions to Green the Automobile Supply Chain; Novel Ceramic Forming Methods with a Reactive Organic Binder Environmental Assessment of Manufacturing with Carbon NanotubesNitrate Fining and Emissions During Glass Manufacturing; Low-Cost Solid Geopolymeric Material for Water Purification; Exergy Analysis on Life Cycle of Ceramic Parts; Anion Exchange Property of As (III), As(V), Se(lV), CrR(VI) and B(III) with Hydrotalcite-Like Compounds; Preparation of Metal Oxide Photocatalyst by Soft Solution Process with Anion Exchange Resin; Photocatalytically Efficient Zinc Oxide Microstructural Assembly; Author Index

Sommario/riassunto

This book documents a special collection of articles from a select group of invited prominent scientists from academia, national laboratories and industry who presented their work at the symposia on Environmental and Energy Issues at the 2008 Materials Science and Technology (MS&T'08) conference held in Pittsburgh, PA. These articles represent a summary of the presentations focusing on topics in nuclear, environmental, and green engineering were held, including a discussion of Waste Glass Leach Testing and Modeling.