

1. Record Nr.	UNINA9910787025803321
Titolo	Eco-materials processing and design XV : selected, peer reviewed papers from the 15th International Symposium on Eco-Materials Processing and Design (ISEPD 2014), January 12-15, 2014, Hanoi, Vietnam // edited by Banh Tien Long [and four others]
Pubbl/distr/stampa	Pfaffikon, Switzerland : , : Trans Tech Publications Ltd., , [2015] ©2015
ISBN	3-03826-622-1
Descrizione fisica	1 online resource (327 p.)
Collana	Materials science forum ; ; volume 804
Disciplina	620.11
Soggetti	Materials management - Environmental aspects Materials - Environmental aspects Environmental engineering Environmental protection - Design
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 indexes.
Nota di contenuto	Eco-Materials Processing and Design XV; Preface and Organizing Committee; Table of Contents; I. Materials for Environment Preservation, Energy Conservation/Harvesting and New Energy; Characterization of Cast Iron Scrap Chips toward -FeSi ₂ Thermoelectric Materials; Two-Step Sintering of Non-Stoichiometric CeO _{2-x} ; Adsorption Characteristics of Impregnated Adsorbent for Mercury Removal; Effect of the Alkali-Activation on the Mechanical Property of Geopolymer Composite; Fabrication of FRP Spacers of Insulating Glass for Energy-Saving Eco-Friendly Home Synthesis of Diglycerol Ester as Insulating Oil for Offshore Wind Turbine TransformerThe Effects of Deposited Material and Loaded Amount within Synthesis of TMP-Ester; Effect of CaO Content on Yb: YAG Disk Laser Weldability of AZ31 Mg Alloy; Fabrication and Electrochemical Performance of Nitrogen-Doped Graphene Synthesized by Hydrothermal Method; Graphene Oxide Based Selective VOCs Sensor for Indoor Air Quality Monitoring; Thermocatalytic Degradation of Low Density Polyethylene Films at Artificial Aging Treatment under Lower

Temperature

Low-Temperature Thermocatalytic Degradation of Polyethene Films by Nano-Titanium Dioxide in Water; Study on Aqueous Viscosity Behaviors of Hydroxypropyl Methylcellulose Hydrosol and Konjac Glucomanan Hydrosol; Effect of Lignin and RLDPE Soil Amendments on Water Holding Capacities of Desert; Biosorption of Strontium Ions by Low-Cost Sunflower Stem and Leaf; Preparation and Characterizations of Novel Near Room-Temperature Driven Fe/Sr₂Bi₂O₅ Thermocatalyst; Effects of Ultrafine Grinded Steel Slag Addition on Properties of Cement Effect of Calcium Compounds on Mechanical Properties of Eco-Friendly Non-Cement Mortar; Enhancement of PEM Fuel Cell Performance by Flow Control; II. Materials Cutting and Processing Technologies for Reduction of Environmental Impact; A Comparative Study on the Physical Properties of Artificial Aggregates Made from Acid Clay and Dredged Soil; Dust Removal Using Electrode-Plates Coated with Activated Carbon; Effects of Nano-Porous Materials and Inert Gas on Sound Proof Properties of Double Layer Acryl Plate; Characteristics of MSWI Ash and its Application to Zeolite Synthesis
III. Eco-Processing and Design on Polymer, Ceramics, Metals, Semiconductors; Characteristics of Pollutants Removal by Carbonized Porous Media Made from Sewage Sludge ; Fabrication of Aluminum Superhydrophobic Surface with Facile Chemical Etching Method; Purification and Size Control of AlN Powder for AlN Single Crystal Growth; A Brief Review on TiO₂ Coating Deposited by Cold Spraying; Protective Agent Free Eco-Synthesis of Silver Nanowire via Needle-Shaped Silver Acetate Precursor; Synthesis and Characterization of Ag/Graphene Nanocomposites by Solid-Liquid Sonochemical Reactions
Production and Characterization of Recycled SUS 439L Powders by Gas Atomization Process

Sommario/riassunto

Collection of selected, peer reviewed papers from the 15 th International Symposium on Eco-Materials Processing and Design, (ISEPD), January 12-15, 2014, Hanoi, Vietnam. The 74 papers are grouped as follows: I. Materials for Environment Preservation, Energy Conservation/Harvesting and New Energy, II. Materials Cutting and Processing Technologies for Reduction of Environmental Impact, III. Eco-Processing and Design on Polymer, Ceramics, Metals, Semiconductors, IV. High Performance Materials Including Nano-Materials for the Environment, and Coating/Corrosion, V. Hybrid Materials and Composites fo

2. Record Nr.	UNINA9910142216703321
Titolo	1407-1998 IEEE Trial-Use Guide for Accelerated Aging Tests for Medium-Voltage Extruded Electric Power Cables Using Water-Filled Tanks
Pubbl/distr/stampa	[Place of publication not identified], : IEEE
ISBN	0-7381-1574-6
Descrizione fisica	1 online resource (v, 31 pages)
Collana	Electric cables Deterioration Testing Standards
Disciplina	621.31934
Soggetti	Electric cables
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	Accelerated aging tests on extruded medium-voltage cables using water-filled tanks are addressed. Information on the equipment, cable samples, test conditions, and measurements to perform the aging tests is provided. techniques on how to analyze the test data are also included. The implementation of the guide will allow a better description of the test data by different laboratories.