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| Titolo | Environmental protection and resource utilization IV : selected, peer reviewed papers from the 4th International Conference on Energy, Environment and Sustainable Development (EESD 2014) October 25-26, 2014, Nanjing, China // edited by Yubin Tang, Qunjie Xu and Yulin Min |
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| Descrizione fisica | 1 online resource (2940 p.) |
| Collana | Advanced Materials Research, , 1662-8985 ; ; Volumes 1073-1076 |
| Disciplina | 333.7209 |
| Soggetti | Environmentalism - History Environmentalism - Social aspects |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Includes indexes. |
| Nota di contenuto | Environmental Protection and Resource Utilization IV; Preface and Conference Organization; Table of Contents; Chapter 1: Environmental Materials and Processing Technology; Preparation and Photocatalytic Performance of SO ₄ ²⁻ /CeO ₂ -TiO ₂ /HTLC; Preparation of Nano-Titanium Dioxide by Microemulsion Method; The Mechanical and Aging Properties of the Natural Rubber/Polyvinyl Alcohol (NR/PVA) Blends; Adsorptive Removal of Reactive Dyes from Aqueous Solution by Cationic Polyelectrolyte Modified Bentonite; Precipitation Behaviour of Chromium in CaO-MgO-SiO ₂ -Al ₂ O ₃ -Cr ₂ O ₃ -Fe ₂ O ₃ Slag System Research Progress of Adsorption Properties of HydroxyapatiteFast Adsorption of Erythromycin on the Conjugated Microporous Polymers; Hydrothermal Conversion of CO ₂ into Formic Acid with Zinc and Copper Powders under Low Temperature; Improvements of the Tensile Strength of Phenolic Resin Adhesive by Surface-Modified Nanocrystalline Cellulose; Preparation of Cu ₂ O/TiO ₂ Heterostructure with High Visible-Light Photocatalytic Activity; Research on deNO _x -SCR over Pd/TiO ₂ /Al ₂ O ₃ under Simulated Post Euro-IV Diesel Exhaust Conditions |

Research on Preparation and Performance of Environment Friendly Polybasic Non-Phosphate Scale and Corrosion Inhibitor
The Influences of Compression Temperature on the Fiber Structure and Tensile Properties of Hemp Reinforced Polypropylene Composites; Study on Modification of Hitec Molten Salt and its Properties Tests; Low Temperature Softening Modification of Ramie Fabrics; The Effect of Nano-ZnO on the Photosynthetic Capacity and Survival of *Anabaena* sp. and *M. aeruginosa*; Adsorption of Creatinine on Pine Nut Shell-Based High Surface Area Activated Carbon
A Comparative Study of Electron Beam Radiation Treatment of Quinestrol, Norethindrone and Dienestrol from Wastewater and Toxicity Test
Adsorption of Ni(II) from Aqueous Solution by Sulfuric Acid and Thermally Treated Attapulgate; Soil Mechanized Compaction Influenced on Soil Environment; Chapter 2: Environmental Chemistry and Biology; Alterations in Population Growth Rate of *Caenorhabditis elegans* Exposed to Dichlorvos; Direct Superoxide Anion Scavenging Effect of Lycopene from *Blakeslea trispora* by EPR Spectroscopy
Distribution of Acidophiles around Zijinshan Bioheap Leaching Plant: Dispersal or Not? Effect of Nitric Oxide on the Secondary Metabolites of *Taxus chinensis* var. *mairei* under UV-B Exposure; Effects of Phosphorus Stress on Photosynthetic Pigments in *Sagittaria sagittifolia*; MAE-HPLC Determination of Bioactive Compounds in *Gardenia jasminoides* Ellis; Optimization and Modelling of Denitrification and Methanogenic Activity in Start up of Mixotrophic Anammox Reactor; Preparation of Polyacrylamide Using In Situ Polymerization
Study of Uranium Accumulation Mechanism and Physiological Responses of *Eichhornia crassipes* and *Pistia stratiotes*

Sommario/riassunto

Collection of selected, peer reviewed papers from the 4th International Conference on Energy, Environment and Sustainable Development (EESD 2014), October 25-26, 2014, Nanjing, China. The 555 papers are grouped as follows: Chapter 1: Environmental Materials And Processing Technology; Chapter 2: Environmental Chemistry And Biology; Chapter 3: Environmental Safety And Health; Chapter 4: Environmental Planning And Assessment; Chapter 5: Environmental Analysis, Detection And Monitoring; Chapter 6: Environmental Restoration Engineering; Chapter 7: Pollution Control Engineering And Removal Technolog
