

Transparent Yb³⁺ doped phosphate glass-ceramics

In-flight wind field identification and prediction of parafoil systems

Mining tailings as raw materials for reaction-sintered aluminosilicate ceramics
Effect of mineralogical composition on microstructure and properties

Cost-optimal energy performance measures in a new daycare building in cold climate

Effect of apartment building energy renovation on hourly power demand

Towards the EU emissions targets of 2050
optimal energy renovation measures of Finnish apartment buildings

Volatile fatty acid adsorption on anion exchange resins
kinetics and selective recovery of acetic acid

The effect of carbon and nickel additions on the precursor synthesis of Cr₃C₂-Ni nanopowder

Influence of the phosphate glass melt on the corrosion of functional particles occurring during the preparation of glass-ceramics

The effects of laser patterning 10CeTZP-Al₂O₃ nanocomposite disc surfaces
Osseous differentiation and cellular arrangement in vitro

Aqueous synthesis of Z-scheme photocatalyst powders and thin-film photoanodes from earth abundant elements

Deactivation of Pt/SiO₂-ZrO₂ diesel oxidation catalysts by sulphur, phosphorus and their combinations

Photodynamic self-disinfecting surface using pyridinium phthalocyanine

New Evidence for the Mechanism of Action of a Type-2 Diabetes Drug Using a Magnetic Bead-Based Automated Biosensing Platform

Accelerated deactivation studies of the natural-gas oxidation catalyst-Verifying the role of sulfur and elevated temperature in catalyst aging

Metrics for polyphonic sound event detection

Enhanced photoactive and photoelectrochemical properties of TiO₂ sol-gel coated steel by the application of SiO₂ intermediate layer

Evaluation of crushing strength of spray-dried MgAl₂O₄ granule beds

A facile route to synthesis of S-doped TiO₂ nanoparticles for photocatalytic activity

Large-area arrays of three-dimensional plasmonic subwavelength-sized structures from azopolymer surface-relief gratings

Effects of storage on characteristics and hygienic quality of digestates from four co-digestion concepts of manure and biowaste

Storing energy crops for methane production
Effects of solids content and biological additive

Group-specific quantification of methanotrophs in landfill gas-purged laboratory biofilters by tyramide signal amplification-fluorescence in situ hybridization

Anaerobic digestion of grass silage in batch leach bed processes for methane production

Leachate and gaseous emissions from initial phases of landfilling mechanically and mechanically-biologically treated municipal solid waste residuals

Effects of solid-liquid separation on recovering residual methane and nitrogen from digested dairy cow manure

Anaerobic on-site treatment of kitchen waste in combination with black water in UASB-septic tanks at low temperatures

Hydrolysis rates, methane production and nitrogen solubilisation of grey waste components during anaerobic degradation

Modeling solid waste decomposition

Comparison of laboratory-scale thermophilic biofilm and activated sludge processes integrated with a mesophilic activated sludge process

Anaerobic digestion of organic solid poultry slaughterhouse waste - A review

Anaerobically digested poultry slaughterhouse wastes as fertiliser in agriculture