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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, İstanbul Teknik Üniversitesi, Maden Fakültesi, Jeokimya Ve Termodinamik, Türkiye Devam Ediyor
İstanbul Teknik Üniversitesi, Kimya Fakültesi, Kimya Mühendisliği, Türkiye Devam Ediyor

Yönetilen Tezler

PİŞKİN S., FARKLI SİLİKA KAYNAKLARINDAN SBA-15 ÜRETİMİ, KARAKTERİZASYONU VE UYGULAMA ALANININ İNCELENMESİ, Doktora, M.Sarı(Öğrenci), 2016

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Potential low-cost carbon-based adsorbent from gold mine tailings for anionic dye removal**
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- II. **Applied ultrasound assisted research on synthesis and in-situ hydrolysis of ammonia borane for hydrogen energy**
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- III. **Synthesis and characterization of a ROMP-based polycationic antimicrobial hydrogel**
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- IV. **A Novel Synthesis Method of Zeolite X From Coal Fly Ash: Alkaline Fusion Followed by Ultrasonic-Assisted Synthesis Method**
Ozdemir O. D., PİŞKİN S.
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- V. **The remarkable role of metal promoters on the catalytic activity of Co-Cu based nanoparticles for boosting hydrogen evolution: Ammonia borane hydrolysis**
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- VI. **Cobalt-Boron Loaded Thermal Activated Turkish Sepiolite Composites (Co-B@tSe) as a Catalyst for Hydrogen Delivery**
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- VII. **REUSE OF MAGNESIUM WASTES IN HYDROTHERMAL SYNTHESIS OF A MAGNESIUM BORATE MINERAL: ADMONTITE**
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- IX. **Dual Combining Transition Metal Hybrid Nanoparticles for Ammonia Borane Hydrolytic Dehydrogenation**
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- X. **Colemanite: A fire retardant candidate for wood plastic composites**
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- XIII. **Thermal analysis applied for the removal of surfactant from mesoporous molecular sieves MCM-41 synthesized from gold mine tailings slurry**
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- XIV. **RECYCLE OF GOLD MINE TAILINGS SLURRY INTO MCM-41 MESOPOROUS SILICA WITH HIGH SPECIFIC SURFACE AREA**
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- XV. **Open sun drying of green bean: influence of pretreatments on drying kinetics, colour and rehydration capacity**
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- XVIII. **Devolatilization kinetics of olive leaves with application as a precursor for activated carbon production**
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- XIX. **Dual antimicrobial effects induced by hydrogel incorporated with UV-curable quaternary ammonium polyethyleneimine and AgNO₃**
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- XX. **Release of flurbiprofen using of SBA-15 mesoporous silica: Influence of silica sources and functionalization**
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- XXVII. **The kinetics and thermodynamics of nickel adsorption from galvanic sludge leachate on nanometer titania powders**
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- XXVIII. **The characterisation of mcallisterite synthesised from bischofite via the hydrothermal method**
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- XXXV. **Neutron Permeation Properties and Characterization of Synthesized Non-Hydrated Magnesium Borate Minerals**
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- XXXVI. **Hydrogen desorption kinetics of MgH₂ synthesized from modified waste magnesium**
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- XXXIX. **X-Ray, Thermal, FT-IR and morphological studies of zinc borate in presence of boric acid synthesized by ulexite**
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- XL. **DETERMINATION OF THE EFFECT OF LEMON ADDITION UPON ELEMENT CONCENTRATIONS IN TEA**
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- XLI. **Modeling and Investigation of the Swelling Kinetics of Acrylamide-Sodium Acrylate Hydrogel**
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- XLIII. **The Synthesis and Physical Properties of Magnesium Borate Mineral of Admontite Synthesized from Sodium Borates**
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- XLIV. **Degradation Behavior and Accelerated Weathering of Composite Boards Produced from Waste Tetra Pak (R) Packaging Materials**
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- XLV. **Synthesis and characterization of magnesium borate minerals of admontite and mcallisterite obtained via ultrasonic mixing of magnesium oxide and various sources of boron: a novel method**
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- XLVI. **Effect of Magnesium Borates on the Fire-Retarding Properties of Zinc Borates**
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- XLVII. **Examination of the Lemon Effect on Risk Elements Concentrations in Herbal and Fruit Teas**
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- XLVIII. **Sonochemical approach to synthesis of co-B catalysts and hydrolysis of alkaline NaBH₄ solutions**
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- XLIX. **Characterization and modification of waste magnesium chip utilized as an Mg-rich intermetallic composite**
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- LV. **Solid state preparation and reaction kinetics for Co/B as a catalytic/acidic accelerator for NaBH₄ hydrolysis**
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- LVI. **Effect of Modifying Agents on the Hydrophobicity and Yield of Zinc Borate Synthesized by Zinc Oxide**
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- LX. **Thermal degradation characteristic of Tetra Pak panel boards under inert atmosphere**
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- LXI. **Microwave assisted green chemistry approach of sodium metaborate dihydrate (NaBO₂·2H₂O) synthesis and use as raw material for sodium borohydride (NaBH₄) thermochemical production**
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- LXII. **The Effects of Temperature and Mineral Acids on the Demineralization Degree of Nallihan Lignite**
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- LXIII. **Thermal Degradation Characteristic of Tetra Pak Panel Boards Under Inert Atmospher**
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- LXV. **Solid State Preparation And Reaction Kinetics For Co B As A Catalytic Acidic Accelerator For NaBH₄ Hydrolysis**
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- LXVI. **The Zinc Adsorption Study by Using Orhaneli Fly Ash, Bentonite, and Molasses in Wastewater**
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- LXVII. **Characterization and Neutron Shielding Behavior of Dehydrated Magnesium Borate Minerals Synthesized via Solid-State Method**
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- LXX. **Process for the conversion of highly caustic spent sodium borohydride fuel**
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- LXXI. **Characterization and environment risk assessment of galvanic sludge**
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- LXXIII. **Mechanism for formation of NaBH₄ proposed as low-pressure process for storing hydrogen in borosilicate glass-sodium solid system: A hydrogen storage material**
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- LXXVIII. **Preparation of TiO₂ nanoparticles by sonochemical method, isotherm, thermodynamic and kinetic studies on the sorption of strontium**
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- LXXIX. **Isotherm, thermodynamic and kinetic studies of Sr²⁺ adsorption on spherical TiO₂/PAN composites**
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- LXXXI. **Parametric investigation on anhydrous sodium metaborate (NaBO₂) synthesis from concentrated tincal**
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- LXXXVI. **Prediction of Metallurgical Coke Strength from the Petrographic Composition of Coal Blends**
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