

Prof. Sabriye PİŞKİN

Personal Information

Email: piskin@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/piskin>

Education Information

Doctorate, Istanbul Technical University, Maden Fakültesi, Jeokimya Ve Termodinamik, Turkey Continues

Istanbul Technical University, Kimya Fakültesi, Kimya Mühendisliği, Turkey Continues

Advising Theses

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

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Potential low-cost carbon-based adsorbent from gold mine tailings for anionic dye removal**
Erturk S., SARI YILMAZ M., PİŞKİN S.
WATER SCIENCE AND TECHNOLOGY, vol.83, no.6, pp.1300-1314, 2021 (SCI-Expanded)
- II. **Applied ultrasound assisted research on synthesis and in-situ hydrolysis of ammonia borane for hydrogen energy**
Filiz B., Figen A., Piskin S.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.44, no.20, pp.10003-10013, 2019 (SCI-Expanded)
- III. **Synthesis and characterization of a ROMP-based polycationic antimicrobial hydrogel**
PALANTOKEN A., Yilmaz M., Unubol N. A., Yenigul E., Piskin S., EREN T.
EUROPEAN POLYMER JOURNAL, vol.112, pp.365-375, 2019 (SCI-Expanded)
- 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.
WASTE AND BIOMASS VALORIZATION, vol.10, no.1, pp.143-154, 2019 (SCI-Expanded)
- V. **The remarkable role of metal promoters on the catalytic activity of Co-Cu based nanoparticles for boosting hydrogen evolution: Ammonia borane hydrolysis**
Coşkuner Filiz B., Kantürk Figen A., Pişkin S.
Applied Catalysis B: Environmental, vol.238, pp.365-380, 2018 (SCI-Expanded)
- VI. **Cobalt-Boron Loaded Thermal Activated Turkish Sepiolite Composites (Co-B@tSe) as a Catalyst for Hydrogen Delivery**
Meşe E., Kantürk Figen A., Coşkuner Filiz B., Pişkin S.
Applied Clay Science, vol.153, pp.95-106, 2018 (SCI-Expanded)
- VII. **REUSE OF MAGNESIUM WASTES IN HYDROTHERMAL SYNTHESIS OF A MAGNESIUM BORATE MINERAL: ADMONTITE**
Kıpçak A. S., Şenberber F. T., Derun E., Pişkin S.
ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, vol.17, no.3, pp.537-544, 2018 (SCI-Expanded)

- VIII. **Cobalt-boron loaded thermal activated Turkish sepiolite composites (Co-B@tSe) as a catalyst for hydrogen delivery**
Mese E., Figen A., Filiz B. C., Pişkin S.
Applied Clay Science, vol.153, pp.95-106, 2018 (SCI-Expanded)
- IX. **Dual Combining Transition Metal Hybrid Nanoparticles for Ammonia Borane Hydrolytic Dehydrogenation**
Coşkuner Filiz B., Kantürk Figen A., Pişkin S.
Applied Catalysis A-General, vol.550, pp.320-330, 2018 (SCI-Expanded)
- X. **Colemanite: A fire retardant candidate for wood plastic composites**
Terzi E., Kartal S. N., Pişkin S., Stark N., Figen A., White R. H.
BioResources, vol.13, pp.1491-1509, 2018 (SCI-Expanded)
- XI. **Dual combining transition metal hybrid nanoparticles for ammonia borane hydrolytic dehydrogenation**
Filiz B. C., Figen A., Pişkin S.
Applied Catalysis A: General, vol.550, pp.320-330, 2018 (SCI-Expanded)
- XII. **Colemanite: A Fire Retardant Candidate for Wood Plastic Composites**
TERZI E., KARTAL S. N., PİŞKİN S., Stark N., KANTÜRK FİGEN A., H. White R.
BİORESOURCES, vol.13, no.1, pp.1491-1509, 2018 (SCI-Expanded)
- XIII. **Thermal analysis applied for the removal of surfactant from mesoporous molecular sieves MCM-41 synthesized from gold mine tailings slurry**
Yilmaz M., Degitz I. A., Piskin S.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.130, no.2, pp.727-734, 2017 (SCI-Expanded)
- XIV. **RECYCLE OF GOLD MINE TAILINGS SLURRY INTO MCM-41 MESOPOROUS SILICA WITH HIGH SPECIFIC SURFACE AREA**
Degitz I. A., Yilmaz M., PİŞKİN S.
CHEMICAL INDUSTRY & CHEMICAL ENGINEERING QUARTERLY, vol.23, no.4, pp.581-588, 2017 (SCI-Expanded)
- XV. **Open sun drying of green bean: influence of pretreatments on drying kinetics, colour and rehydration capacity**
İSMAİL O., Figen A., Piskin S.
HEAT AND MASS TRANSFER, vol.53, no.4, pp.1277-1288, 2017 (SCI-Expanded)
- XVI. **RECYCLE OF GOLD MINE TAILINGS SLURRY INTO MCM-41 MESOPOROUS SILICA WITH HIGH SPECIFIC SURFACE AREA**
ACAROGLU DEGITZ I., SARI YILMAZ M., PİŞKİN S.
CHEMICAL INDUSTRY & CHEMICAL ENGINEERING QUARTERLY, vol.23, no.4, pp.581-588, 2017 (SCI-Expanded)
- XVII. **Thin-layer drying kinetics of nectarine slices using IR, MW and hybrid methods**
İSMAİL O., KIPÇAK A. S., DOYMAZ İ., Piskin S.
BULGARIAN CHEMICAL COMMUNICATIONS, vol.49, no.1, pp.92-100, 2017 (SCI-Expanded)
- XVIII. **Devolatilization kinetics of olive leaves with application as a precursor for activated carbon production**
Sari H., Figen A. K., Filiz B. C., Unal Y., Piskin S.
INSTRUMENTATION SCIENCE & TECHNOLOGY, vol.45, no.4, pp.440-458, 2017 (SCI-Expanded)
- XIX. **Dual antimicrobial effects induced by hydrogel incorporated with UV-curable quaternary ammonium polyethyleneimine and AgNO₃**
PALANTOKEN A., Yilmaz M., Yapaoz M., Tulunay E. Y., EREN T., Piskin S.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.68, pp.494-504, 2016 (SCI-Expanded)
- XX. **Release of flurbiprofen using of SBA-15 mesoporous silica: Influence of silica sources and functionalization**
Yilmaz M., PALANTOKEN A., Piskin S.
JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.437, pp.80-86, 2016 (SCI-Expanded)
- XXI. **Characterization and thermal dehydration kinetics of zinc borates synthesized from zinc sulfate and**

zinc chloride

KIPÇAK A. S., SENBERBER F. T., Moroydor Derun E., TUĞRUL N., Piskin S.

RESEARCH ON CHEMICAL INTERMEDIATES, vol.41, no.11, pp.9129-9143, 2015 (SCI-Expanded)

- XXII. **Synthesis, characterisation, electrical and optical properties of copper borate compounds**
KIPÇAK A. S., SENBERBER F. T., Yuksel S. A., Derun E., Piskin S.
MATERIALS RESEARCH BULLETIN, vol.70, pp.442-448, 2015 (SCI-Expanded)
- XXIII. **The removal of template from SBA-15 samples synthesized from different silica sources**
Yilmaz M., Piskin S.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.121, no.3, pp.1255-1262, 2015 (SCI-Expanded)
- XXIV. **A low-temperature, environment-friendly approach to the synthesis of magnesium borates using magnesium waste scraps**
KAPLAN A., KIPÇAK A. S., SENBERBER F. T., Derun E., Piskin S.
MAIN GROUP METAL CHEMISTRY, vol.38, pp.99-110, 2015 (SCI-Expanded)
- XXV. **Hydrogen generation from waste Mg based material in various saline solutions (NiCl₂, CoCl₂, CuCl₂, FeCl₃, MnCl₂)**
Figen A., Coskuner B., Piskin S.
International Journal of Hydrogen Energy, vol.40, pp.7483-7489, 2015 (SCI-Expanded)
- XXVI. **Effects of open-air sun drying and pre-treatment on drying characteristics of purslane (Portulaca oleracea L.)**
İsmail O., Figen A., Piskin S.
Heat and Mass Transfer/Waerme- und Stoffuebertragung, vol.51, pp.807-813, 2015 (SCI-Expanded)
- XXVII. **The kinetics and thermodynamics of nickel adsorption from galvanic sludge leachate on nanometer titania powders**
Yilmaz M., Ozdemir O. D., Kasap S., Piskin S.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.41, pp.1499-1515, 2015 (SCI-Expanded)
- XXVIII. **The characterisation of mcallisterite synthesised from bischofite via the hydrothermal method**
GURSES P., Yildirim M., KIPÇAK A. S., Yuksel S., Derun E., Piskin S.
MAIN GROUP CHEMISTRY, vol.14, no.3, pp.199-213, 2015 (SCI-Expanded)
- XXIX. **Synthesis and characterization of MCM-41 with different methods and adsorption of Sr²⁺ on MCM-41**
Yilmaz M., Ozdemir O. D., Piskin S.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.41, no.1, pp.199-211, 2015 (SCI-Expanded)
- XXX. **Evaluation of novel synthesis of ordered SBA-15 mesoporous silica from gold mine tailings slurry by experimental design**
Yilmaz M., Piskin S.
JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS, vol.46, pp.176-182, 2015 (SCI-Expanded)
- XXXI. **Study on the dehydration kinetics of tunellite using non-isothermal methods**
Yilmaz M., Figen A., Piskin S.
Research on Chemical Intermediates, vol.41, pp.1893-1906, 2015 (SCI-Expanded)
- XXXII. **Characteristics of Thin-layer Infrared Drying of Green Bean**
DOYMAZ İ., KIPÇAK A. S., Piskin S.
CZECH JOURNAL OF FOOD SCIENCES, vol.33, no.1, pp.83-90, 2015 (SCI-Expanded)
- XXXIII. **Microwave Drying of Green Bean Slices: Drying Kinetics and Physical Quality**
DOYMAZ İ., KIPÇAK A. S., Piskin S.
CZECH JOURNAL OF FOOD SCIENCES, vol.33, no.4, pp.367-376, 2015 (SCI-Expanded)
- XXXIV. **Synthesis, characterization, and electrical and optical properties of magnesium-type boracite**
IBROSKA T., KIPÇAK A. S., AYDIN YÜKSEL S., DERUN E., Piskin S.
TURKISH JOURNAL OF CHEMISTRY, vol.39, no.5, pp.1025-1037, 2015 (SCI-Expanded)
- XXXV. **Neutron Permeation Properties and Characterization of Synthesized Non-Hydrated Magnesium Borate Minerals**
KIPÇAK A. S., DERUN E., SENBERBER F. T., Ozdemir O. D., Baysoy D. Y., Piskin S.

- ASIAN JOURNAL OF CHEMISTRY, vol.26, no.18, pp.6033-6038, 2014 (SCI-Expanded)
- XXXVI. **Hydrogen desorption kinetics of MgH₂ synthesized from modified waste magnesium**
Figen A., Coskuner B., Piskin S.
Materials Science- Poland, vol.32, no.3, pp.385-390, 2014 (SCI-Expanded)
- XXXVII. **Oxidation of boron carbide particles at low temperatures**
Kilicarslan A., Toptan F., Kerti I., Piskin S.
MATERIALS LETTERS, vol.128, pp.224-226, 2014 (SCI-Expanded)
- XXXVIII. **Characterisation and determination of the neutron transmission properties of sodium-calcium and sodium borates from different regions in Turkey**
KIPÇAK A. S., Derun E., Piskin S.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.301, no.1, pp.175-188, 2014 (SCI-Expanded)
- XXXIX. **X-Ray, Thermal, FT-IR and morphological studies of zinc borate in presence of boric acid synthesized by ulexite**
Akgul O., Acarali N. B., TUĞRUL N., Derun E., Piskin S.
PERIODICO DI MINERALOGIA, vol.83, no.1, pp.77-88, 2014 (SCI-Expanded)
- XL. **DETERMINATION OF THE EFFECT OF LEMON ADDITION UPON ELEMENT CONCENTRATIONS IN TEA**
Ozdemir O. D., KIPÇAK A. S., Derun E., Piskin S.
INSTRUMENTATION SCIENCE & TECHNOLOGY, vol.42, no.2, pp.153-160, 2014 (SCI-Expanded)
- XLI. **Modeling and Investigation of the Swelling Kinetics of Acrylamide-Sodium Acrylate Hydrogel**
KIPÇAK A. S., İSMAİL O., DOYMAZ İ., Piskin S.
JOURNAL OF CHEMISTRY, 2014 (SCI-Expanded)
- XLII. **Synthesis of nanometric β -barium metaborate powder from different borate solutions by ultrasound-assisted precipitation**
Aksener E., Figen A., Piskin S.
Research on Chemical Intermediates, vol.40, pp.2103-2117, 2014 (SCI-Expanded)
- XLIII. **The Synthesis and Physical Properties of Magnesium Borate Mineral of Admontite Synthesized from Sodium Borates**
KIPÇAK A. S., Yildirim M., Yuksel S. A., Derun E., Piskin S.
ADVANCES IN MATERIALS SCIENCE AND ENGINEERING, 2014 (SCI-Expanded)
- XLIV. **Degradation Behavior and Accelerated Weathering of Composite Boards Produced from Waste Tetra Pak (R) Packaging Materials**
Yilgor N., Kose C., Terzi E., Figen A., IBACH R., Kartal S. N., Piskin S.
BIORESOURCES, vol.9, no.3, pp.4784-4807, 2014 (SCI-Expanded)
- 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**
KIPÇAK A. S., Derun E., Piskin S.
TURKISH JOURNAL OF CHEMISTRY, vol.38, no.5, pp.792-805, 2014 (SCI-Expanded)
- XLVI. **Effect of Magnesium Borates on the Fire-Retarding Properties of Zinc Borates**
Kıpçak A. S., Acarali N., Derun E., Tuğrul N., Piskin S.
JOURNAL OF CHEMISTRY, 2014 (SCI-Expanded)
- XLVII. **Examination of the Lemon Effect on Risk Elements Concentrations in Herbal and Fruit Teas**
YALCIN GORGULU T., KIPÇAK A. S., Dere Ozdemir O., Moroydor Derun E., Piskin S.
CZECH JOURNAL OF FOOD SCIENCES, vol.32, no.6, pp.555-562, 2014 (SCI-Expanded)
- XLVIII. **Sonochemical approach to synthesis of co-B catalysts and hydrolysis of alkaline NaBH₄ solutions**
Coskuner B., Figen A., Piskin S.
Journal of Chemistry, vol.2014, 2014 (SCI-Expanded)
- XLIX. **Characterization and modification of waste magnesium chip utilized as an Mg-rich intermetallic composite**
Figen A., Piskin S.
Particuology, vol.17, pp.158-164, 2014 (SCI-Expanded)
- L. **X Ray Thermal FT IR and Morphological Studies of Zinc Borate in Presence of Boric Acid Synthesized**

by Ulexide Mineral

Akgul O., Acarali N., Tuğrul N., Derun E., Pişkin S.

PERIODICO DI MINERALOGIA, vol.83, pp.77-88, 2014 (SCI-Expanded)

- LI. **Thermal behavior and dehydroxylation kinetics of naturally occurring sepiolite and bentonite**
Yilmaz M., KALPAKLI Y., Piskin S.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.114, no.3, pp.1191-1199, 2013 (SCI-Expanded)
- LII. **Production and characterization of hydrophobic zinc borate by using palm oil**
Acarali N. B., TUĞRUL N., Derun E., Piskin S.
INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS, vol.20, no.11, pp.1081-1088, 2013 (SCI-Expanded)
- LIII. **Production and characterization of hydrophobic zinc borate by using palm oil**
Acarali N., Tuğrul N., Derun E., Pişkin S.
INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS, vol.20, pp.1081-1088, 2013 (SCI-Expanded)
- LIV. **Characterization of boron carbide particles and its shielding behavior against neutron radiation**
KIPÇAK A. S., Gurses P., DERUN E., TUĞRUL N., Piskin S.
ENERGY CONVERSION AND MANAGEMENT, vol.72, pp.39-44, 2013 (SCI-Expanded)
- LV. **Solid state preparation and reaction kinetics for Co/B as a catalytic/acidic accelerator for NaBH₄ hydrolysis**
Coskuner B., Figen A., Piskin S.
Reaction Kinetics, Mechanisms and Catalysis, vol.109, pp.375-392, 2013 (SCI-Expanded)
- LVI. **Effect of Modifying Agents on the Hydrophobicity and Yield of Zinc Borate Synthesized by Zinc Oxide**
Acarali N., Bardakçı M., Tuğrul N., Derun E., Pişkin S.
International Journal Of Minerals Metallurgy And Materials, vol.20, pp.574-581, 2013 (SCI-Expanded)
- LVII. **Preparation, characterization and thermal dehydration kinetics of titanate nanotubes**
Yilmaz M., Kasap S., Piskin S.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.112, no.3, pp.1325-1333, 2013 (SCI-Expanded)
- LVIII. **Effect of modifying agents on the hydrophobicity and yield of zinc borate synthesized by zinc oxide**
Acarali N. B., Bardakci M., TUĞRUL N., Derun E., Piskin S.
INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS, vol.20, no.6, pp.574-581, 2013 (SCI-Expanded)
- LIX. **Modeling of absorption kinetics of poly(acrylamide) hydrogels crosslinked by EGDMA and PEGDMAs**
İSMAİL O., KIPÇAK A. S., Piskin S.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.39, no.3, pp.907-919, 2013 (SCI-Expanded)
- LX. **Thermal degradation characteristic of Tetra Pak panel boards under inert atmosphere**
Figen A., Terzi E., Yilgor N., Kartal S. N., Piskin S.
Korean Journal of Chemical Engineering, vol.30, pp.878-890, 2013 (SCI-Expanded)
- LXI. **Microwave assisted green chemistry approach of sodium metaborate dihydrate (NaBO₂·2H₂O) synthesis and use as raw material for sodium borohydride (NaBH₄) thermochemical production**
Figen A., Piskin S.
International Journal of Hydrogen Energy, vol.38, pp.3702-3709, 2013 (SCI-Expanded)
- LXII. **The Effects of Temperature and Mineral Acids on the Demineralization Degree of Nallihan Lignite**
Gulen J., DOYMAZ İ., Pişkin S., Ongen S.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.35, no.3, pp.202-208, 2013 (SCI-Expanded)
- LXIII. **Thermal Degradation Characteristic of Tetra Pak Panel Boards Under Inert Atmospher**
KANTÜRK FİGEN A., TERZİ E., YILGÖR N., KARTAL S. N., PİŞKİN S.
Korean Journal of Chemical Engineering, vol.30, pp.878-890, 2013 (SCI-Expanded)
- LXIV. **Magnesium Borate Synthesis by Microwave Energy: A New Method**
KIPÇAK A. S., Derun E., Piskin S.
JOURNAL OF CHEMISTRY, 2013 (SCI-Expanded)

- LXV. **Solid State Preparation And Reaction Kinetics For Co B As A Catalytic Acidic Accelerator For NaBH₄ Hydrolysis**
COŞKUNER B., KANTÜRK FİGEN A., PİŞKİN S.
Reaction Kinetics Mechanisms And Catalysis, vol.109, pp.375-392, 2013 (SCI-Expanded)
- LXVI. **The Zinc Adsorption Study by Using Orhaneli Fly Ash, Bentonite, and Molasses in Wastewater**
Kolemen S., ACARALI N., TUĞRUL N., DERUN E., Piskin S.
WATER AIR AND SOIL POLLUTION, vol.224, no.1, 2013 (SCI-Expanded)
- LXVII. **Characterization and Neutron Shielding Behavior of Dehydrated Magnesium Borate Minerals Synthesized via Solid-State Method**
KIPÇAK A. S., Baysoy D. Y., Derun E., Piskin S.
ADVANCES IN MATERIALS SCIENCE AND ENGINEERING, 2013 (SCI-Expanded)
- LXVIII. **The Zinc Adsorption Study by Using Orhaneli Fly Ash Bentonite and Molass in Wastewater**
KÖLEMEN Ş., ACARALI N., TUĞRUL N., DERUN E., PİŞKİN S.
Water, Air and Soil Pollution, 2013 (SCI-Expanded)
- LXIX. **Microwave Assisted Green Chemistry Approach of Sodium Metaborate Dihydrate NaBO₂ 2H₂O Synthesis and Use as Raw Material for Sodium Borohydride NaBH₄ Thermochemical Production**
KANTÜRK FİGEN A., PİŞKİN S.
International Journal of Hydrogen Energy, vol.38, pp.3702-3709, 2013 (SCI-Expanded)
- LXX. **Process for the conversion of highly caustic spent sodium borohydride fuel**
Figen A., Ozturk A., Piskin S.
Research on Chemical Intermediates, vol.38, pp.2343-2354, 2012 (SCI-Expanded)
- LXXI. **Characterization and environment risk assessment of galvanic sludge**
Ozdemir O. D., Piskin S.
Journal of the Chemical Society of Pakistan, vol.34, no.4, pp.1032-1036, 2012 (SCI-Expanded)
- LXXII. **Effect of Heat Treatment on the Structural Characteristics and Dehydroxylation Kinetics of the Tunellite**
Yilmaz M., Piskin S.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.34, no.3, pp.526-532, 2012 (SCI-Expanded)
- LXXIII. **Mechanism for formation of NaBH₄ proposed as low-pressure process for storing hydrogen in borosilicate glass-sodium solid system: A hydrogen storage material**
Figen A., Piskin S.
Bulletin of Materials Science, vol.35, no.2, pp.203-209, 2012 (SCI-Expanded)
- LXXIV. **Devolatilization non-isothermal kinetic analysis of agricultural stalks and application of TG-FT/IR analysis**
Figen A., İsmail O., Piskin S.
Journal of Thermal Analysis and Calorimetry, vol.107, pp.1177-1189, 2012 (SCI-Expanded)
- LXXV. **Titanate nanotubes: preparation, characterization and application in adsorption of strontium ion from aqueous solution**
Kasap S., Piskin S., TEL H.
RADIOCHIMICA ACTA, vol.100, no.12, pp.925-929, 2012 (SCI-Expanded)
- LXXVI. **Production of sodium metaborate tetrahydrate (NaB(OH)₄center dot 2H₂O) using ultrasonic irradiation**
Yilmaz M., Figen A., Piskin S.
POWDER TECHNOLOGY, pp.166-173, 2012 (SCI-Expanded)
- LXXVII. **Production Of Sodium Metaborate Tetrahydrate (NaB(OH)₄.2H₂O) Using Ultrasonic Irradiation**
PİŞKİN S.
Powder Technology, vol.215, no.216, pp.166-173, 2012 (SCI-Expanded)
- LXXVIII. **Preparation of TiO₂ nanoparticles by sonochemical method, isotherm, thermodynamic and kinetic studies on the sorption of strontium**
Kasap S., TEL H., Piskin S.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.289, no.2, pp.489-495, 2011 (SCI-Expanded)

- LXXIX. **Isotherm, thermodynamic and kinetic studies of Sr²⁺ adsorption on spherical TiO₂/PAN composites**
Kasap S., TEL H., Piskin S.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.289, no.2, pp.537-544, 2011 (SCI-Expanded)
- LXXX. **The Pyrolytic Characteristics and Kinetics of Agricultural Waste, Bituminous Coal, and Their Blends**
Sutcu H., Piskin S.
MATERIALS AND MANUFACTURING PROCESSES, vol.26, no.1, pp.99-103, 2011 (SCI-Expanded)
- LXXXI. **Parametric investigation on anhydrous sodium metaborate (NaBO₂) synthesis from concentrated tincal**
Figen A., Piskin S.
ADVANCED POWDER TECHNOLOGY, vol.21, no.5, pp.513-520, 2010 (SCI-Expanded)
- LXXXII. **Structural characterization and dehydration kinetics of Kirka inderite mineral: Application of non-isothermal models**
Figen A., Yilmaz M., Piskin S.
Materials Characterization, vol.61, pp.640-647, 2010 (SCI-Expanded)
- LXXXIII. **Pelletisation of fly ashes as a lightweight aggregate**
DERUN E., TUĞRUL N., Lkhagva T., Piskin S.
ADVANCES IN CEMENT RESEARCH, vol.22, no.2, pp.99-105, 2010 (SCI-Expanded)
- LXXXIV. **Characterization and Combustion Kinetics of Chars Obtained from Loquat Stones**
Sutcu H., Piskin S.
COMBUSTION SCIENCE AND TECHNOLOGY, vol.181, no.2, pp.264-273, 2009 (SCI-Expanded)
- LXXXV. **PYROLYSIS KINETICS OF OIL SHALE FROM ULUKISLA, TURKEY**
Sutcu H., Piskin S.
OIL SHALE, vol.26, no.4, pp.491-499, 2009 (SCI-Expanded)
- LXXXVI. **Prediction of Metallurgical Coke Strength from the Petrographic Composition of Coal Blends**
Sutcu H., Toroglu I., Piskin S.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.31, no.12, pp.1047-1055, 2009 (SCI-Expanded)
- LXXXVII. **Synthesis, crystal structure and dehydration kinetics of NaB(OH) 4•2H₂O**
Kanturk A., Sari M., Piskin S.
Korean Journal of Chemical Engineering, vol.25, pp.1331-1337, 2008 (SCI-Expanded)
- LXXXVIII. **Synthesis Crystal Structure and Dehydration Kinetics of NaB(OH)4.2H₂O**
PIŞKİN S.
Korean Journal of Chemical Engineering, vol.25, no.6, pp.1331-1337, 2008 (SCI-Expanded)
- LXXXIX. **Characterization of fly ash and its effects on the compressive strength properties of Portland cement**
Celik O., Damei E., Piskin S.
INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, vol.15, no.5, pp.433-440, 2008 (SCI-Expanded)
- XC. **Synthesis Crystal Structure and Dehydration Kinetics of NaB OH 4 2H₂O**
KANTÜRK A., SARI M., PIŞKİN S.
Korean Journal of Chemical Engineering, vol.25, pp.1331-1337, 2008 (SCI-Expanded)
- XCI. **Innovation in sodium borohydride production process from borosilicate glass with sodium under hydrogen atmosphere: "high pressure process"**
Kanturk A., Piskin S.
International Journal of Hydrogen Energy, vol.32, pp.3981-3986, 2007 (SCI-Expanded)
- XCII. **The effect of aqueous caustic and various acid treatments on the removal of mineral matter in asphaltite**
DOYMAZ I., Gulen J., Pişkin S., TOPRAK S.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.29, no.4, pp.337-346, 2007 (SCI-Expanded)
- XCIII. **Utilization of gold tailings as an additive in Portland cement**
Celik O., Elbeyli I. Y., Piskin S.
WASTE MANAGEMENT & RESEARCH, vol.24, no.3, pp.215-224, 2006 (SCI-Expanded)

- XCIV. Liquefaction/solubilization of Low-rank Turkish Coals by White-rot Fungus (*Phanerochaete chrysosporium*)**
PİŞKİN S.
ENERGY SOURCES, vol.28, no.11, pp.1063-1073, 2006 (SCI-Expanded)
- XCv. Bio-liquefaction/solubilization of Lignitic Humic Acids by White-rot Fungus (*Phanerochaete chrysosporium*)**
PİŞKİN S.
ENERGY SOURCES, vol.28, no.11, pp.1051-1061, 2006 (SCI-Expanded)
- XCvI. Combustion and pyrolysis characteristics of Tuncbilek lignite**
Elbeyli I., Piskin S.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.83, no.3, pp.721-726, 2006 (SCI-Expanded)
- XCvII. Removal of mineral matter from Silopi-Harput asphaltite by acid treatment**
Gulen J., Doymaz I., Piskin S., Toprak S.
ENERGY SOURCES, vol.27, no.15, pp.1457-1464, 2005 (SCI-Expanded)
- XCvIII. The Analysis Of Corrosion Performance Of Car Bodies Coated By No Nickel And Low Nickel Zinc Phosphating Processes**
PİŞKİN S.
Materials And Corrosion, vol.56, no.6, pp.412-416, 2005 (SCI-Expanded)
- XCIX. Structural characterization of oil component of high temperature pyrolysis tars**
Sutcu H., Toroglu I., Piskin S.
ENERGY SOURCES, vol.27, no.6, pp.521-534, 2005 (SCI-Expanded)
- C. Kinetic study of the thermal dehydration of borogypsum**
Elbeyli I., Piskin S.
JOURNAL OF HAZARDOUS MATERIALS, vol.116, pp.111-117, 2004 (SCI-Expanded)
- CI. High temperature carbonization of Turkish bituminous coals in Jenkner retort**
Sutcu H., Toroglu I., Piskin S.
ENERGY SOURCES, vol.26, no.7, pp.671-683, 2004 (SCI-Expanded)
- CII. Thermal dehydration kinetics of gypsum and borogypsum under non-isothermal conditions**
Elbeyli I., Piskin S.
CHINESE JOURNAL OF CHEMICAL ENGINEERING, vol.12, no.2, pp.302-305, 2004 (SCI-Expanded)
- CIII. Thermal analysis of borogypsum and its effects on the physical properties of Portland cement**
Elbeyli I. Y., Derun E., Gülen J., Pişkin S.
Cement and Concrete Research, vol.33, no.11, pp.1729-1735, 2003 (SCI-Expanded)
- CIV. Electrochemical study of the corrosion behaviour of Co-Cr-Mo orthopedic implants**
Özçelik F., Gulen J., AKDOGAN A., PISKIN S.
PRAKTISCHE METALLOGRAPHIE-PRACTICAL METALLOGRAPHY, vol.36, no.7, pp.385-391, 1999 (SCI-Expanded)
- CV. Effects of coal oxidation on calorific value**
Unal S., Yalcin Z., Piskin S.
ENERGY SOURCES, vol.21, no.3, pp.269-273, 1999 (SCI-Expanded)
- CVI. Chemical demineralization of a Turkish high ash bituminous coal**
Bolat E., Saglam S., Piskin S.
FUEL PROCESSING TECHNOLOGY, vol.57, no.2, pp.93-99, 1998 (SCI-Expanded)
- CVII. The effect of oxidation on the flotation properties of a Turkish bituminous coal**
Bolat E., Saglam S., Piskin S.
FUEL PROCESSING TECHNOLOGY, vol.55, no.2, pp.101-105, 1998 (SCI-Expanded)
- CVIII. Autoignition Tendencies of Some Turkish Lignites**
PİŞKİN S.
FUEL, vol.72, no.9, pp.1357-1359, 1993 (SCI-Expanded)
- CIX. Thermal Reactivities of Some Turkish Lignites**
PİŞKİN S.
FOOD SCIENCE AND TECHNOLOGY INTERNATIONAL, vol.10, no.2, pp.243-266, 1992 (SCI-Expanded)

- CX. **Desulfurisation of Turkish Lignites by Chlorinolysis**
PİŞKİN S.
Petroleum Science and Technology International, vol.8, no.3, 1990 (SCI-Expanded)
- CXI. **Desulfurisation of Turkish Lignites by Chlorinolysis**
Özbek B., Dinçer S., Kuyulu A., Pişkin S.
Petroleum Science And Technology, vol.8, pp.271-287, 1990 (SCI-Expanded)

Articles Published in Other Journals

- I. **New manufacturing methodology for boron-based rods for remedial treatments of wood: solubilities and some physical and thermal properties of the rods**
Aydın S., TERZİ E., Kartal S. N., PİŞKİN S., Depren S. K., Figen A. K.
SN APPLIED SCIENCES, vol.2, no.11, 2020 (ESCI)
- II. **Manufacturing and Characterization of Roof Tiles a Mixture of Tile Waste and Coal Fly Ash**
PİŞKİN S., Özçay Ü., KANTÜRK FİGEN A.
Süleyman Demirel Üniversitesi Fen-Edebiyat Fakültesi Sosyal Bilimler Dergisi, vol.21, no.1, pp.224-229, 2017 (Peer-Reviewed Journal)
- III. **Preparation of Gas Concrete Materials from Various Industrial Waste**
Karamahmut Mermer N., Sarı Yılmaz M., Pişkin S.
Sigma Journal of Engineering and Natural Sciences, vol.34, no.4, pp.567-575, 2016 (ESCI)
- IV. **THERMOGRAVIMETRIK ANALYSIS OF WASTE BIOMASS PELLET AND COMBUSTION KINETICS**
KANTÜRK FİGEN A., İSMAIL O., PİŞKİN S.
Dokuz Eylül Üniversitesi Fen ve Mühendislik Dergisi, vol.18, no.54, pp.350-361, 2016 (Peer-Reviewed Journal)
- V. **Atık Biyokütle Pelletin Termogravimetrik Analizi Ve Yanma Kinetiği**
KANTÜRK FİGEN A., İsmail O., Pişkin S.
Dokuz Eylül Üniversitesi Fen ve Mühendislik Dergisi, no.54, pp.350-361, 2016 (Non Peer-Reviewed Journal)
- VI. **METAL VE METALOKSİT NANOPARTİKÜLLERİNİ İÇEREN HİDROJELLERİN ANTİMİKROBİYAL ÖZELLİKLERİNİN İNCELENMESİ INVESTIGATION OF ANTIMICROBIAL PROPERTIES OF HYDROGELS CONTAINING METAL AND METALOXIDE NANOPARTICLES**
palandöken a., SARI YILMAZ M., ALTİKATOĞLU YAPAÖZ M., PİŞKİN S.
DEÜ MÜHENDİSLİK BİLİMLERİ DERGİSİ, vol.18, no.2, pp.224-238, 2016 (Peer-Reviewed Journal)
- VII. **Synthesis of TiO₂ Nanoparticles by Sol-Gel and Sonochemical Combination**
PİŞKİN S., KASAP S., SARI YILMAZ M.
International Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering, vol.10, no.1, pp.116-119, 2016 (Peer-Reviewed Journal)
- VIII. **Utilization of Boron Waste as an Additive for Cement Production**
DERUN E., Dur F., Ertinmaz B., Yildirim M., M. Derun E., Piskin S.
Celal Bayar University Journal of Science, vol.11, no.3, pp.383-389, 2015 (Peer-Reviewed Journal)
- IX. **Investigation of Antibacterial properties of Hydrogel Containing Synthesized TiO₂ Nanoparticles**
Palantöken A., Altıkatoğlu Yapaöz M., Sarı Yılmaz M., Pişkin S.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.33, pp.1-7, 2015 (ESCI)
- X. **The Investigation of the Molar Ratio Change of MgCl₂ 6H₂O MgO and H₃BO₃ on the Production of Magnesium Borates via Microwave Method**
Yıldırım M., Gurses P., Kıpçak A. S., Derun E., Pişkin S.
Academic Journal of Science, vol.3, no.2, pp.409-415, 2015 (Peer-Reviewed Journal)
- XI. **The Microwave Synthesis of Magnesium Borates from MgCl₂ 6H₂O Tincalconite and Boric acid**
KIPÇAK A. S., YILDIRIM M., DERUN E., PİŞKİN S.
Academic Journal of Science, vol.3, pp.401-408, 2015 (Peer-Reviewed Journal)
- XII. **INVESTIGATION OF ANTIBACTERIAL PROPERTIES OF HYDROGEL CONTAINING SYNTHESIZED TiO₂**

NANOPARTICLES

Palantoken A., Yilmaz M., Yapaoz M. A., PİŞKİN S.

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.33, no.1, pp.1-7, 2015 (ESCI)

- XIII. **The microwave synthesis of magnesium borates from magnesium chloride and tincalconite**
Yildirim M., M. Derun E., PİŞKİN S.
Academic Journal of Science, vol.3, no.2, pp.401-408, 2015 (Peer-Reviewed Journal)
- XIV. **The Optimization of Copper Sulfate and Tincalconite Molar Ratios on the Hydrothermal Synthesis of Copper Borates**
Tuğrul N., Senberber F. T., Kıpçak A. S., PİŞKİN S.
International Journal of Chemical, Nuclear, Metallurgical and Materials Engineering, vol.10, no.8, 2014 (Peer-Reviewed Journal)
- XV. **Comparison Study on Characterization of Various Fly Ashes for Heavy Metal Adsorption**
Derun E., Tuğrul N., Acaralı N., Kıpçak A. S., Pişkin S.
World Academy of Science, Engineering and Technology International Journal of Chemical and Molecular Engineering, no.10, pp.1157-1161, 2014 (Peer-Reviewed Journal)
- XVI. **The Optimization of Copper Sulfate and Tincalconite Molar Ratios on the Hydrothermal Synthesis of Copper Borates**
Derun E., Tuğrul N., Senberber F. T., Kıpçak A. S., Pişkin S.
World Academy of Science, Engineering and Technology International Journal of Chemical and Molecular Engineering, no.10, pp.1152-1156, 2014 (Peer-Reviewed Journal)
- XVII. **The Effect of Solution Density on the Synthesis of Magnesium Borate from Boron Gypsum**
Tuğrul N., Sariburun E., Senberber F. T., Kıpçak A. S., Derun E., Pişkin S.
World Academy of Science, Engineering and Technology International Journal of Chemical and Molecular Engineering, no.10, pp.1117-1121, 2014 (Peer-Reviewed Journal)
- XVIII. **The Cadmium Adsorption Study by Using Seyitomer Fly Ash, Diatomite and Molasses in Wastewater**
PİŞKİN S., Derun E. M., Cinar E., Kıpçak A. S., Baran Acarali N., Piskin S.
International Journal of Chemical, Nuclear, Metallurgical and Materials Engineering, vol.10, no.8, 2014 (Peer-Reviewed Journal)
- XIX. **The Effect of Solution Density on the Synthesis of Magnesium Borate from Boron-Gypsum**
Sariburun E., Senberber F. T., Kıpçak A. S., PİŞKİN S.
International Journal of Chemical, Nuclear, Metallurgical and Materials Engineering, vol.10, no.8, 2014 (Peer-Reviewed Journal)
- XX. **Sodium Hydroxide and Boric Acid Molar Ratio on the Production of Zinc Borates**
TUĞRUL N., KIPÇAK A. S., DERUN E., PİŞKİN S.
International Journal of Chemical, Nuclear, Metallurgical and Materials Engineering, vol.8, no.7, pp.568-572, 2014 (Peer-Reviewed Journal)
- XXI. **Synthesis of Magnesium Borates from the Slurries of Magnesium Wastes by Microwave Energy**
Tuğrul N., Kıpçak A. S., Derun E., Pişkin S.
World Academy of Science, Engineering and Technology International Journal of Materials and Metallurgical Engineering, no.8, pp.644-648, 2014 (Peer-Reviewed Journal)
- XXII. **The Determination of the Zinc Sulfate, Sodium Hydroxide and Boric Acid Molar Ratio on the Production of Zinc Borates**
PİŞKİN S., Kıpçak A. S., M. Derun E.
International Journal of Chemical, Nuclear, Metallurgical and Materials Engineering, vol.8, no.7, 2014 (Peer-Reviewed Journal)
- XXIII. **The Effect of the Reaction Time on the Microwave Synthesis of Magnesium Borates from MgCl₂ 6H₂O MgO and H₃B₃O₃**
Derun E., Gurses P., Yıldırım M., Kıpçak A. S., Ibroska T., Pişkin S.
World Academy of Science, Engineering and Technology International Journal of Environmental and Ecological Engineering, no.8, pp.565-569, 2014 (Peer-Reviewed Journal)

- XXIV. **The Effect of Sodium Bicarbonate on the Mg and P Concentrations in Turkish Black and Green Tea**
Yalcin T., Dere Ozdemir O., Kipcak A. S., Tugrul N., PIŞKİN S.
International Journal of Chemical, Nuclear, Metallurgical and Materials Engineering, vol.8, no.6, 2014 (Peer-Reviewed Journal)
- XXV. **The Effect of the Reaction Time on the Microwave Synthesis of Magnesium Borates from MgCl₂.6H₂O, MgO and H₃BO₃**
Gurses P., Yildirim M., Kipcak A. S., İbroşka T., PIŞKİN S.
International Journal of Chemical, Nuclear, Metallurgical and Materials Engineering, vol.8, no.6, 2014 (Peer-Reviewed Journal)
- XXVI. **The Effect of Sodium Bicarbonate on the Mg and P Concentrations in Turkish Black and Green Tea**
Derun E., Yalcin T., Dere Özdemir Ö., Kıpçak A. S., Tuğrul N., Pişkin S.
World Academy of Science, Engineering and Technology International Journal of Environmental and Ecological Engineering, no.8, pp.570-573, 2014 (Peer-Reviewed Journal)
- XXVII. **The Cadmium Adsorption Study by Using Seyitomer Fly Ash Diatomite and Molasses in Wastewater**
Tuğrul N., Derun E., Çınar E., Kıpçak A. S., Acaralı N., Pişkin S.
International Journal of Chemical and Molecular Engineering, vol.8, pp.1113-1116, 2014 (Peer-Reviewed Journal)
- XXVIII. **Caffeine Content Investigation in the Turkish Black Teas**
PIŞKİN S., Kipcak A. S., D. Ozdemir O., Karakoc M.
International Journal of Chemical, Materials Science and Engineering, vol.7, no.9, 2013 (Peer-Reviewed Journal)
- XXIX. **Combined Hydrothermal Synthesis of Zinc and Magnesium Borates at 100°C using ZnO, MgO and H₃BO₃**
Tuğrul N., Kipcak A. S., Baran Acarali N., M. Derun E., Pişkin S.
World Academy of Science, Engineering and Technology International Journal of Materials and Metallurgical Engineering, no.7, pp.703-707, 2013 (Peer-Reviewed Journal)
- XXX. **Effects of Mole Ratio to Chlorine Added Magnesium Borate Synthesis at 1000C Using the Raw Materials of Magnesium Chloride, Magnesium Oxide and Boric Acid**
PIŞKİN S., Gürel Ş. E., Şenberber F. T., Kıpçak A. S., Möröydor Derun E., Tuğrul N.
Journal of International Scientific Publications: Materials, Methods & Technologies, vol.7, no.2, pp.362-372, 2013 (Peer-Reviewed Journal)
- XXXI. **Magnesium Waste Evaluation in Moderate Temperature (70°C) Magnesium Borate Synthesis**
Kipcak A. S., Kaplan A., PIŞKİN S.
International Journal of Chemical, Materials Science and Engineering, vol.7, no.9, 2013 (Peer-Reviewed Journal)
- XXXII. **Study of Cobalt Precious Effect on Impregnation Method and Characteristic Properties of Co-B Catalysts**
K.Figen A., PIŞKİN S.
Journal of Selcuk University Natural and Applied Science, no.2, pp.573-579, 2013 (Peer-Reviewed Journal)
- XXXIII. **Microwave Dehydration Behaviour of Admontite Mineral at 360W**
Derun E., Şenberber F. T., Kıpçak A. S., Tuğrul N., Pişkin S.
World Academy of Science, Engineering and Technology International Journal of Materials and Metallurgical Engineering, no.7, pp.491-494, 2013 (Peer-Reviewed Journal)
- XXXIV. **Microwave Dehydration Kinetics of Admontite Mineral at 360W**
Senberber F. T., Kipcak A. S., Tugrul N., PIŞKİN S.
International Journal of Chemical, Materials Science and Engineering, vol.7, no.7, 2013 (Peer-Reviewed Journal)
- XXXV. **The Effect of Waste Magnesium to Boric Acid Ratio in Hydrothermal Magnesium Borate Synthesis at 70°C**
Kipcak A. S., Kaplan A., PIŞKİN S.
International Journal of Chemical, Materials Science and Engineering, vol.7, no.7, 2013 (Peer-Reviewed Journal)
- XXXVI. **Microwave Dehydration Behaviour of Admontite Mineral at 360W**
Derun E., Senberber F. T., Kipcak A. S., Tugrul N., Piskin S.
International Journal of Materials and Metallurgical Engineering, vol.7, no.7, pp.491-494, 2013 (Peer-Reviewed Journal)

- XXXVII. **Temperature Effect on the Solid-State Synthesis of Dehydrated Zinc Borates**
B. Acarali N., Kipcak A. S., M. Derun E., PİŞKİN S.
International Journal of Chemical, Materials Science and Engineering, 2013 (Peer-Reviewed Journal)
- XXXVIII. **Extraction of Silicon Dioxide from Tailings Slurry of Gold Mine Treatment Plant by Alkali Fusion Technique**
SARI YILMAZ M., PİŞKİN S.
International Journal of Chemical, Environmental and Biological Sciences, vol.1, no.3, pp.211-213, 2013 (Peer-Reviewed Journal)
- XXXIX. **Effect of Process Conditions on Crystal Structure of Precipitated Calcium Carbonate (CaCO₃) From Fly Ash: Na₂CO₃ Preparation Conditions**
PİŞKİN S., Dere Özdemir Ö.
International Journal of Chemical, Environmental and Biological Sciences, vol.1, no.6, pp.192-195, 2012 (Peer-Reviewed Journal)
- XL. **Lemon Effect on Some Elements in Turkish Teas. International Journal of Chemical**
Ozdemir O. D., M. Derun E., PİŞKİN S.
MATERIALS SCIENCE AND ENGINEERING, 2012 (Peer-Reviewed Journal)
- XLI. **Characterization of Catalagzi Fly Ash for Heavy Metal Adsorption**
TUĞRUL N., ACARALI N., KOLEMEN S., DERUN E., PİŞKİN S.
International Journal of Chemical, Materials Science and Engineering, 2012 (Peer-Reviewed Journal)
- XLII. **Solid State Synthesis of Magnesium Borates at 800oC from Periclase and Sassolite**
PİŞKİN S.
International Review of Chemical Engineering (IRECHE), vol.3, no.6, pp.750-754, 2011 (Peer-Reviewed Journal)
- XLIII. **Hydrothermal Synthesis of Magnesium Borate Hydrates from MgO and H₃BO₃ at 80oC**
PİŞKİN S.
2011 Research Bulletin of the Australian Institute of High Energetic Materials, ISBN: 978-0-9806811-9-2, vol.1, pp.47-55, 2011 (Peer-Reviewed Journal)
- XLIV. **Characterization of the Kurnacovite Mineral and its Absorption Behavior due to Neutron Radiation**
PİŞKİN S.
2011 Research Bulletin of the Australian Institute of High Energetic Materials, ISBN: 978-0-9806811-9-2, vol.1, pp.38-46, 2011 (Peer-Reviewed Journal)
- XLV. **The Evaluation of the Neutron Radiation Absorption Capacities of Inderite Minerals**
PİŞKİN S.
2011 Research Bulletin of the Australian Institute of High Energetic Materials, ISBN: 978-0-9806811-9-2, vol.1, pp.28-37, 2011 (Peer-Reviewed Journal)
- XLVI. **Treatments of Çan Lignite with Some Mineral Acids after Sodyum**
PİŞKİN S.
International Journal of Chemistry, vol.3, no.3, pp.75-80, 2011 (Peer-Reviewed Journal)
- XLVII. **Treatments of Çan Lignite with Some Mineral Acids after Sodyum Hydroxide Washing**
GÜLEN F. J., PİŞKİN S., DOYMAZ İ.
International Journal of Chemistry, vol.3, no.3, pp.75-80, 2011 (Peer-Reviewed Journal)
- XLVIII. **Evaluation of Tincalconite as a Neutron Shielding Material and Confront with Borax and Colemanite**
PİŞKİN S.
International Review of Chemical Engineering Rapid Communications (IRECHE), vol.2, no.7, pp.845-851, 2010 (Peer-Reviewed Journal)
- XLIX. **Synthesis Of Trimethyl Borate (TMB): As A Starting Material In Production Of Sodium Borohydride (NaBH₄) Hydrogen Storage Medium**
PİŞKİN S.
International Review of Chemical Engineering Rapid Communications, vol.2, no.2, pp.319-321, 2010 (Peer-Reviewed Journal)
- L. **CrCl₃ catalyst effect at low temperature on MgH₂ synthesis**
PİŞKİN S.

2009 Annual Bulletin of the Australian Institute of High Energetic Materials, vol.1, pp.157-163, 2010 (Peer-Reviewed Journal)

- LI. **A Kinetic Study of Kurnakovite Dehydration: Coats-Redfern Model and Kinetic Compensation Effect**
PİŞKİN S.
International Review of Chemical Engineering Rapid Communications, vol.2, no.1, 2010 (Peer-Reviewed Journal)
- LII. **Solid State Synthesis of Sodium Metaborate for Hydrogen Storage Application**
Kantürk Figen A., Pişkin S.
International Review of Chemical Engineering Rapid Communications,, vol.2, pp.188-192, 2010 (Peer-Reviewed Journal)
- LIII. **Solid-State Synthesis of Sodium Metaborate for Hydrogen Storage Application**
PİŞKİN S.
International Review of Chemical Engineering Rapid Communications, vol.2, no.1, pp.188-192, 2010 (Peer-Reviewed Journal)
- LIV. **Endüstriyel Borik Asit Atıklarının Ham Perlit Agregalı Hafif Beton Üretiminde Değerlendirilmesi**
DERUN E., Piskin M. B.
Türkiye Hazır Beton Birliği Hazır Beton Dergisi, vol.54, pp.54-57, 2006 (Peer-Reviewed Journal)
- LV. **Pirit Külü Atıklarının Pik Demir Üretiminde Kullanılmak Üzere Peletlenmesi**
PİŞKİN S.
Sigma Mühendislik ve Fen Bilimleri Dergisi, no.3, pp.118-125, 2005 (Peer-Reviewed Journal)
- LVI. **The Effect of Oxidation on the Structure Properties and Calorific Values of Lignites**
PİŞKİN S.
Sigma Mühendislik ve Fen Bilimleri Dergisi, no.3, pp.43-49, 2004 (Peer-Reviewed Journal)
- LVII. **Pyrolysis Kinetics of Turkish Bituminous Coals by Thermal Analysis**
PİŞKİN S.
TURKISH JOURNAL OF ENGINEERING AND ENVIRONMENTAL SCIENCES, no.28, pp.233-239, 2004 (Peer-Reviewed Journal)
- LVIII. **Haliç Çamurlarının İnşaat Malzemesi Üretiminde Değerlendirilmesi**
PİŞKİN S.
YTÜ Dergisi (Sigma), no.2, pp.84-92, 2003 (Peer-Reviewed Journal)
- LIX. **Ardışık Yöntemlerle Silopi Asfaltitlerdeki Mineral Maddenin Giderilmesi**
DOYMAZ İ., GÜLEN F. J., PİŞKİN S.
Yıldız Teknik Üniversitesi Dergisi, vol.2003, no.1, pp.71-77, 2003 (Peer-Reviewed Journal)
- LX. **Lineer Alkil Benzen Sülfonatın (LAS) Sulu Çözeltilerinden Aktif Karbon ile Adsorpsiyonu**
PİŞKİN S.
YTÜ Dergisi (Sigma), no.1, pp.70-74, 2002 (Peer-Reviewed Journal)
- LXI. **Investigation of Petrographic and Structural Properties of Some Turkish Lignites**
GÜLEN F. J., Deniz S., Toprak S., sunu M., Pişkin S.
Chimica Acta Turcica, vol.28, no.2, pp.7-13, 2000 (Peer-Reviewed Journal)
- LXII. **Talk Cevherinin Flotasyon ile Zenginleştirilmesi**
PİŞKİN S.
Kimyatek&Chemist, no.31, 1998 (Peer-Reviewed Journal)
- LXIII. **Talk Cevherinin Değişik Yöntemlerle Zenginleştirilmesi**
PİŞKİN S.
Makine&Metal Teknolojisi, no.41, pp.68-69, 1995 (Peer-Reviewed Journal)
- LXIV. **Üç Farklı Amalgamın NaCl Solüsyonundaki Çözünürlüğe ve Mikrosertliğinin İncelenmesi**
PİŞKİN S.
Selçuk Üniversitesi Diş Hekimliği Fakültesi Dergisi, no.4, pp.58-61, 1994 (Peer-Reviewed Journal)
- LXV. **Anorganik Asitlerin Polietilene Etkisi**
PİŞKİN S.
YTÜ Dergisi (Sigma), no.4, 1993 (Peer-Reviewed Journal)
- LXVI. **Metal Dolgu Takviyeli Plastiklerde İletkenlik**

PİŞKİN S.

Metalurji Journal, 1991 (Peer-Reviewed Journal)

LXVII. **Saray, Çan, Tunçbilek, Ağaçalı, Seyitömer, Seyitömer (düşük kalorili) Linyitlerinin ve Şırnak Asfaltitlerinin Termik Özelliklerinin İncelenmesi**

Pişkin S., Kuyulu A., Loç İ., Kın B., GÜLEN F. J., Dinçer S.

Doğa TU Mühendislik ve Çevre Der, vol.13, no.3, pp.390-403, 1989 (Peer-Reviewed Journal)

LXVIII. **Çan Bölgesi Linyitlerinin Briketlenmesi**

PİŞKİN S.

TMMOB/Kimya Mühendisleri Odası Kimya Mühendisliği, vol.131, 1988 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Çinko Borat Katkılı Odun Levha Kompozitlerin Termal Bozunma Davranışlarının İncelenmesi**
Motor C., KANTÜRK FİGEN A., TERZI E., KARTAL S. N., PİŞKİN S.
8. Ulusal Kimya Öğrenci Kongresi, İstanbul, Turkey, 16 May 2017, pp.1
- II. **Thermolysis and Hydrolsis Properties of Ammonia Borane,**
Üncel D., FILIZ B. C., ERGUVEN H., KANTÜRK FİGEN A., PİŞKİN S.
International Conference On Advances In Mechanical Engineering Istanbul 2016 (Icame'16), İstanbul, Turkey, 10 May 2016, pp.1
- III. **Thin-Layer Microwave Drying Kinetics of Mango Slices**
Kıpçak A. S., Doymaz İ., Pişkin S.
Conference on Advances in Mechanical Engineering, İstanbul, Turkey, 10 - 13 May 2016, pp.488-492
- IV. **Investigation of Temperature Effect on the Synthesis of Hydroxyapatite from Flue Gas Desulfurization Waste**
Kızıldağ Demir S., Kıpçak A. S., Tuğrul N., Pişkin S.
Conference on Advances in Mechanical Engineering, İstanbul, Turkey, 10 - 13 May 2016, pp.497-501
- V. **Thermal Degradation Characteristics Of Particle Board**
Akdeniz D., Motor C., TERZI E., KANTÜRK FİGEN A., KARTAL S. N., PİŞKİN S.
International Conference On Advances In Mechanical Engineering, İstanbul, Turkey, 10 May 2016, pp.1
- VI. **Ultrasonic Synthesis of Potassium Borates from Potassium Carbonate at 90°C**
Derun E., Yildirim M., Senberber F. T., Kıpçak A. S., M. Derun E., Pişkin S.
Conference on Advances in Mechanical Engineering, İstanbul, Turkey, 01 May 2016, pp.1
- VII. **Parametric investigation of the recycling boric acid from boron gypsum**
Pişkin S., Kıpçak A. S., Senberber F. T., Yıldırım M., Tuğrul N., Derun E.
TMS 2015 144th Annual Meeting Exhibition, Florida, United States Of America, 15 - 19 March 2015, pp.1
- VIII. **Preparation and Characterization of Single Phase Strontium Borate SrB6O10 by Mineral Sol Gel Method**
PİŞKİN S., Şir N. E., KANTÜRK FİGEN A.
TMS Annual Meeting & Exhibition, 15 - 19 March 2015
- IX. **Preparation and Characterization of Single Phase Strontium Borate (SrB6O10) by Mineral Sol Gel**
PİŞKİN S., Şir N. E., KANTÜRK FİGEN A.
2015 TMS Annual Meeting & Exhibition, Orlando, United States Of America, 15 March 2015, pp.1
- X. **Determination of the zinc sulfate, tinalconite and boric acid molar ratio in the production of zinc borates**
Senberber F. T., M. Derun E., Tuğrul N., PİŞKİN S.
CHEMTECH '14: Chemical Technologies and Chemical Engineering Conference, 01 November 2014
- XI. **Characterization of the Bergama gold mine waste**
Yildirim M., Kıpçak A. S., M. Derun E., PİŞKİN S.
CHEMTECH'14: Chemical Technologies and Chemical Engineering Conference, 01 November 2014
- XII. **Ultrasonic synthesis of copper borates at 70°C**

- Senberber F. T., Kıpçak A. S., M. Derun E., PİŞKİN S.
CHEMTECH '14: Chemical Technologies and Chemical Engineering Conference, 01 November 2014
- XIII. **The investigation of the element contents in the classic decaf and filter coffees**
Kıpçak A. S., Demir F., Dere Özdemir Ö., Derun E., Pişkin S.
CHEMTECH'14: Chemical Technologies and Chemical Engineering Conference, İstanbul, Turkey, 23 - 25 October 2014, pp.121-129
- XIV. **The investigation of the element contents in the apple juice**
Kıpçak A. S., D. Ozdemir O., M. Derun E., PİŞKİN S.
CHEMTECH '14: Chemical Technologies and Chemical Engineering Conference, 01 October 2014
- XV. **The investigation of the element contents in the classic, decaf and filter coffees.**
Demir F., D. Ozdemir O., M. Derun E., PİŞKİN S.
CHEMTECH'14: Chemical Technologies and Chemical Engineering Conference. İstanbul, Turkey, 01 October 2014
- XVI. **Aktif Karbon Üretimi Amacıyla Zeytin Yaprağının Termal Özelliklerinin İncelenmesi**
SARI H., KANTÜRK FİGEN A., PİŞKİN S.
11. Ulusal Kimya Mühendisliği Kongresi, Turkey, 2 - 05 September 2014
- XVII. **Hidrojen Depolama Ortamı olarak Kullanılan Kalsiyum Hidrür CaH₂ ün Yapısal Özelliklerinin İncelenmesi**
TAŞCI K., KANTÜRK FİGEN A., PİŞKİN S.
11. Ulusal Kimya Mühendisliği Kongresi, Turkey, 2 - 05 September 2014
- XVIII. **Aktif Karbon Üretimi Amacıyla Zeytin Yaprağının Termal Özelliklerinin İncelenmesi**
Kantürk Figen A., PİŞKİN S.
11. Ulusal Kimya Mühendisliği Kongresi, 01 September 2014
- XIX. **Katalizör Desteği Olarak Kullanılan Sepiyolit Kilinin Karakterizasyonu ve NaBH₄ Hidroliz Aktivitesi**
Kantürk Figen A., PİŞKİN S.
11. Ulusal Kimya Mühendisliği Kongresi,, 01 September 2014
- XX. **Klinoptilolit HCl ile Modifikasyonunun Ni Adsorpsiyonu Üzerine Etkisinin İncelenmesi**
Dere Özdemir Ö., PİŞKİN S.
11. Ulusal Kimya Mühendisliği Kongresi, 01 September 2014
- XXI. **Hidrojen Depolama Ortamı olarak Kullanılan Kalsiyum Hidrür (CaH₂)'ün Yapısal Özelliklerinin İncelenmesi**
PİŞKİN S., Kantürk Figen A., Pişkin S.
11. Ulusal Kimya Mühendisliği Kongresi,, 01 September 2014
- XXII. **The Determination of the Cr and Fe Contents in Turkish Fennel and Mint Teas after Sodium Bicarbonate Addition**
Kıpçak A. S., Yalcın T., Dere Özdemir Ö., Derun E., Tuğrul N., Pişkin S.
The International Journal of Arts & Sciences' (IJAS) International Conference for Academic Disciplines, Vienna, Austria, 6 - 10 April 2014
- XXIII. **., The Determination of the Cr and Fe Contents in Turkish Fennel and Mint Teas after Carbonate Addition**
Yalçın T., Dere Ozdemir Ö., M.Derun E., Tuğrul N., PİŞKİN S.
International Journal of Arts & Sciences Annual Multidisciplinary conference, 01 April 2014
- XXIV. **Hydrogen desorption kinetics of MgH₂ synthesized from waste magnesium chip**
KANTÜRK FİGEN A., PİŞKİN S.
5th World Hydrogen Technologies Convention (WHTC2013), 25 - 28 September 2013
- XXV. **Combined Hydrothermal Synthesis of Zinc and Magnesium Borates at 100 C using ZnO MgO and H₃BO₃**
TUĞRUL N., KIPÇAK A. S., ACARALI N., DERUN E., PİŞKİN S.
ICEBESE 2013: International Conference on Environmental, Biological and Ecological Sciences and Engineering, 26 - 27 September 2013
- XXVI. **Magnesium Borate Synthesis from Boric Acid Sludges at Different Mole Ratios By Hydrothermal Method**

- Kıpçak A. S., Möröydor Derun E., PİŞKİN S.
Advanced Materials World Congress, 16-19 September 2013, Cesme, Izmir., 01 September 2013
- XXVII. **CO₂ Adsorption on Zeolite X**
Yılmaz Sarı M., Karamahmut N., PİŞKİN S.
1st International Porous and Powder Materials Symposium and Exhibition PPM 2013, Çeşme, İzmir, 3-6 September 2013, 01 September 2013
- XXVIII. **Characterization of Nano-Scale Magnesium Borates Hydrothermally Synthesized From Na₂B₄O₇.5H₂O, MgCl₂.6H₂O and H₃BO₃ at 80C**
Kıpçak A. S., Möröydor Derun E., PİŞKİN S.
Advanced Materials World Congress, 16-19 September 2013, Cesme, Izmir., 01 September 2013
- XXIX. **Evaluation of Analysis on the Extracts from Hypericum perforatum L. Grown in Turkey**
PİŞKİN S., Eslek Z., Pişkin S.
ICMMP 2013 : International Conference on Materials and Materials Processing, 01 July 2013
- XXX. **Study of Cobalt Precious Effect on Impregnation Method and Characteristic Properties of Co B Catalysts**
COŞKUNER B., İMAMOĞLU V., KANTÜRK FİGEN A., PİŞKİN S.
International Conference on Environmental Science and Technology (ICOEST-Cappadocia 2013), 18 - 21 June 2013
- XXXI. **A Study on the Synthesis of MCM-41**
KARAMAHMUT MERMER N., SARI YILMAZ M., DERE ÖZDEMİR Ö., PİŞKİN S.
1st International Symposium on Innovative Technologies for Engineering and Science, 7 - 09 June 2013
- XXXII. **Investigation of the Boron Nitrate Compound for the Use of Neutron Shield**
PİŞKİN S., KIPÇAK A. S., DERUN E., TUĞRUL N.
Anniversary Scientific Conference with International Participation, University of Chemical Technology and Metallurgy, Sofia, Bulgaria, 04 June 2013
- XXXIII. **Synthesis and Characterization of Ordered Mesoporous Silica SBA-15**
PİŞKİN S., SARI YILMAZ M.
UCTM-2013 Anniversary Scientific Conference with International Participation, 4 - 05 June 2013
- XXXIV. **Boric Acid Waste (Boron-Gypsum) Evaluation at Different Mole Ratios for Magnesium Borate Synthesis**
Kıpçak A. S., Möröydor Derun E., PİŞKİN S.
First International Symposium on Innovative Technologies for Engineering and Science, 7-9 June 2013, Sakarya, Turkey., 01 June 2013
- XXXV. **Reusing the magnesium waste scraps and boric acid for the Magnesium Borate Synthetic Synthesis with 80oC**
Senberber F. T., Moroydor Derun E., PİŞKİN S.
ICOEST2013: The international Conference on Environmental Science and Technology, 18 - 21 June 2013, Urgup, Nevsehir, 01 June 2013
- XXXVI. **Solid-State Synthesis and Characterization of Boracite Minerals at 800oC from MgCl₂.6H₂O, MgO and B₂O₃**
Kıpçak A. S., Möröydor Derun E., PİŞKİN S.
First International Symposium on Innovative Technologies for Engineering and Science, 7-9 June 2013, Sakarya, Turkey., 01 June 2013
- XXXVII. **Evaluation of magnesium wastes for the synthesis of magnesium borate hydrates by microwave energy.**
Senberber F., M. Derun E., PİŞKİN S.
ICOEST2013: The International Conference on Environmental Science and Technology. Urgup, Nevsehir, Turkey., 01 June 2013
- XXXVIII. **Characterization of the Magnesium Borates Hydrothermally Synthesized from Na₂B₄O₇.5H₂O, MgCl₂ and H₃BO₃ at the Boiling Point**
Kıpçak A. S., Möröydor Derun E., PİŞKİN S.
First International Symposium on Innovative Technologies for Engineering and Science, 7-9 June 2013, Sakarya,

Turkey, 01 June 2013

- XXXIX. **Low Temperature Solid-State Zinc Borate Synthesis from ZnO and H₃BO₃**
Kıpçak A. S., Acaralı N., Derun E., Tuğrul N., Pişkin S.
ICCEE 2013: International Conference on Chemical and Environmental Engineering, Berlin, Germany, 22 - 23 May 2013, pp.480-484
- XL. **A Study on Catalagzi Fly Ash for Pb Adsorption**
Tuğrul N., Acaralı N., Kölemen Ş., Derun E., Pişkin S.
ICCCE 2013: International Conference on Chemistry and Chemical Engineering, Amsterdam, Netherlands, 15 - 16 May 2013, pp.431-435
- XLI. **Temperature Effect on the Solid State Synthesis of Dehydrated Zinc Borates**
TUĞRUL N., ACARALI N., KIPÇAK A. S., DERUN E., PIŞKİN S.
ICCCE 2013: International Conference on Chemistry and Chemical Engineering, 15 - 16 May 2013
- XLII. **Katı-Hal Yöntemiyle 500oC de Susuz Çinko Borat Üretimi**
Koc S. N. T., Dereli I. E., Kıpçak A. S., Acaralı N., Derun E., Tuğrul N., Pişkin S.
2. Ulusal Kimya Mühendisliği Öğrenci Kongresi (UKMÖK2), Ankara, Turkey, 4 - 06 May 2013, pp.53-55
- XLIII. **Çinko ve Magnezyum Boratların Aynı Ortamda 90°C'de Hidrotermal Yöntem ile Üretimi**
Dur F., Kavcı S., Kıpçak A. S., Acaralı N., Derun E., Tuğrul N., Pişkin S.
2. Ulusal Kimya Mühendisliği Öğrenci Kongresi (UKMÖK2), Ankara, Turkey, 4 - 06 May 2013, pp.42-44
- XLIV. **Düşük Sıcaklıkta (60oC) Magnezyum Klorürden Hidrotermal Yöntemle Magnezyum Borat Sentezi**
Kıpçak A. S., Möröydor Derun E., PIŞKİN S.
2. Ulusal Kimya Mühendisliği Öğrenci Kongresi (UKMÖK2), 4-6 Mayıs 2013, Ankara, 01 May 2013
- XLV. **Hydrated Magnesium Borate Synthesis from MgCl₂.6H₂O at 80oC by Hydrothermal Method**
Gurses P., Möröydor Derun E., PIŞKİN S.
ICCEE 2013: International Conference on Chemical and Environmental Engineering, 22-23 May 2013, Berlin, Germany, 01 May 2013
- XLVI. **Türkiye Pazarında Bulunan Siyah Çayın Kafein Miktarının Deneysel Yöntemle Belirlenmesi ve Sağlığa Olan Etkilerinin İncelenmesi**
Demir F., Kıpçak A. S., Dere Özdemir Ö., Möröydor Derun E., PIŞKİN S.
2. Ulusal Kimya Mühendisliği Öğrenci Kongresi (UKMÖK2), 4-6 Mayıs 2013, Ankara, 01 May 2013
- XLVII. **Hidrotermal Yöntemle 50oC de Magnezyum Oksit ve Borik Asitten Magnezyum Borat Minerallerinin Eldesi**
Yılmaz E., Kıpçak A. S., Möröydor Derun E., PIŞKİN S.
2. Ulusal Kimya Mühendisliği Öğrenci Kongresi (UKMÖK2), 4-6 Mayıs 2013, Ankara, 01 May 2013
- XLVIII. **Magnesium Borate Synthesis by Microwave Method Using MgCl₂.6H₂O and H₃BO₃**
Gurses P., Kunt K., Möröydor Derun E., PIŞKİN S.
ICCEE 2013: International Conference on Chemical and Environmental Engineering, 22-23 May 2013, Berlin, Germany, 01 May 2013
- XLIX. **Precipitation method for barium metaborate (BaB₂O₄) synthesis**
AKSENER E., KANTÜRK FİGEN A., PIŞKİN S.
3rd international Advances in Applied Physics and Materials Science Congress, Antalya, Turkey, 24 April 2013, vol.1569, pp.248-252
- L. **Characterization of Catalagzi Fly Ash for Heavy Metal Adsorption**
TUĞRUL N., ACARALI N., KÖLEMEN Ş., DERUN E., PIŞKİN S.
ICCE 2012: International Conference on Chemical Engineering, 28 - 30 November 2012
- LI. **Microwave Assisted Solid-State Synthesis of Magnesium Borate Hydrates at 270W**
Gürel E. Ş., PIŞKİN S.
ICCE 2012: International Conference on Chemical Engineering, 01 November 2012
- LII. **Bergamut Çayında Demir Element İçeriğinin İndüktif Eşleşmiş Plazma Optik Emisyon Spektrometresi Kullanılarak Belirlenmesi**
Altunay B., Kıpçak A. S., Dere Özdemir Ö., Möröydor Derun E., PIŞKİN S.
26. Uluslararası Katılımlı Ulusal Kimya Kongresi, 01-06 Ekim, Muğla - Türkiye, 01 October 2012

- LIII. **Magnezyum Borat Minerallerinin Düşük Sıcaklıkta (60 C) Hidrotermal Yöntem ile Sentezlenmesi ve Sentez Ürünlerinin Karakterizasyon Çalışmaları**
Haçikoğlu M., Kıpçak A. S., Möröydor Derun E., PİŞKİN S.
26. Uluslararası Katılımlı Ulusal Kimya Kongresi, 01-06 Ekim, Muğla - Türkiye, 01 October 2012
- LIV. **Klor İçerikli Magnezyum Borat Üretiminde 1000 C'deki Kalsinasyon Süresinin Üretime Etkisi**
Kıpçak A. S., Möröydor Derun E., PİŞKİN S.
26. Uluslararası Katılımlı Ulusal Kimya Kongresi, 01-06 Ekim, Muğla - Türkiye, 01 October 2012
- LV. **Klor İçerikli Magnezyum Borat Minerallerinin Katı Hal Yöntemi ile 600 C Sıcaklıkta Üretimi ve Konsantrasyon Farkının Üretim Üzerine Etkisi**
Kıpçak A. S., Möröydor Derun E., PİŞKİN S.
26. Uluslararası Katılımlı Ulusal Kimya Kongresi, 01-06 Ekim, Muğla - Türkiye, 01 October 2012
- LVI. **Farklı Bor Kaynaklarının Termal Koşullarda (800 C) Üretilen Magnezyum Boratların Oluşumuna Etkisi**
Möröydor Derun E., PİŞKİN S.
26. Uluslararası Katılımlı Ulusal Kimya Kongresi, 01-06 Ekim, Muğla - Türkiye, 01 October 2012
- LVII. **80 C'de Hidrotermal Koşullarda Magnezyum Oksit ve Bor Oksitten Magnezyum Borat Üretimi ve Reaksiyon Süresinin Üretime Etkisi**
Kıpçak A. S., Möröydor Derun E., PİŞKİN S.
26. Uluslararası Katılımlı Ulusal Kimya Kongresi, 01-06 Ekim, Muğla - Türkiye, 01 October 2012
- LVIII. **Alkaline NaBH₄ Hydrolysis by Co Impregnated Boron Catalyst**
Coşkuner Filiz B., Kantürk Figen A., Pişkin S.
Euro-Mediterranean Hydrogen Technologies Conference (EMHyTec 2012), Tunis, Tunisia, 11 - 14 September 2012
- LIX. **Alkaline NaBH₄ Hydrolysis by Co Impregnated Boron Catalyst**
PİŞKİN S.
EMHyTec 2012 Hammamet (Tunus) Eylül 11-14, 2012, 01 September 2012
- LX. **Study on Characterization of Tuncbilek Fly Ash**
Kıpçak A. S., Acaralı N., Kölemen Ş., Tuğrul N., Derun E., Pişkin S.
ICESE 2012: International Conference on Environmental Science and Engineering, Amsterdam, Netherlands, 25 - 26 July 2012, pp.892-895
- LXI. **Evaluation of the Magnesium Wastes with Boron Oxide in Magnesium Borate Synthesis**
PİŞKİN S.
ICEBESE 2012: International Conference on Environmental, Biological, and Ecological Sciences, and Engineering, 25-26 July, Amsterdam - The Netherlands, 01 July 2012
- LXII. **Composite Boards Produced from Waste Tetra Pak Packaging Materials Chemical Properties and Biological Performance**
YILGÖR N., KARTAL S. N., HOUTMAN C., TERZİ E., KANTÜRK FİGEN A., KÖSE C., PİŞKİN S.
International Conference on Recycling and Reuse (R&R2012), 4 - 06 June 2012
- LXIII. **Composite boards produced from waste Tetra Pak packaging materials: Chemical properties and biological performance**
PİŞKİN S.
International Conference on Recycling and Reuse, 4-6 June 2012- İstanbul / TÜRKİYE, 01 June 2012
- LXIV. **Characterization of the Synthesized Admontite Mineral and Investigation of Its Neutron Permeability**
Senberber F., Baysoy D., M.Derun E., PİŞKİN S.
3. International Conference on Nuclear and Renewable Energy Resources. Istanbul, Turkey, 01 May 2012
- LXV. **Structural Transion of Turkish Natural Zeolite With Temperature**
PİŞKİN S.
School of Molecular Sieves, 01 April 2012
- LXVI. **Characterization of Magnesium Borate Hydrates Produced from MgO and H₃BO₃ at 80oC, for two Different Drying Temperatures (Poster)**
PİŞKİN S.
12. Mediterranean Congress in Chemical Engineering, Barselona, İspanya, 15-18 Kasım 2011., 01 November 2011

- LXVII. **The Effect of Propylene Glycol on Zinc Borate Yield and Hydrophobicity**
Acaralı N., Bardakçı M., Öztürk E., Dere Ozdemir O., Tuğrul N., Pişkin S.
17th International Symposium on Boron, Borides and Related Materials, ISBB 2011, İTÜ, İstanbul, İstanbul, Turkey, 11 September 2011
- LXVIII. **An Efficient Method of Solid State Synthesis of Anhydrous Sodium Metaborate NaBO₂ using Borax Na₂B₄O₇**
KANTÜRK FİGEN A., ERGÜVEN H., PİŞKİN S.
17th International Symposium on Boron, Borides and Related Materials (ISBB2011), 11 - 17 September 2011
- LXIX. **Comparison of Experimental and Numerical Studies of the Thermal Neutron Absorption Coefficients for Kurnakovite (Poster)**
PİŞKİN S.
28th International Physics Congress, 6-9 September, Bodrum, Turkey, 01 September 2011
- LXX. **An Efficient Method of Solid-State Synthesis of Anhydrous Sodium Metaborate (NaBO₂) using Borax (Na₂B₄O₇)**
PİŞKİN S.
17th International Symposium on Boron, Borides and Related Materials, 01 September 2011
- LXXI. **Thermal Decomposition Characteristics of Ammonia Borane as Hydrogen Source**
KANTÜRK FİGEN A., ERGÜVEN H., YEĞEN ÖZALP G., ATANUR M. O., YAZICI S., PİŞKİN S.
International Conference on Hydrogen Production (ICH2P-11), 19 - 22 June 2011
- LXXII. **Thermal decomposition characteristics of ammonia borane as hydrogen source**
PİŞKİN S.
International Conference on Hydrogen Production (ICH2P-11), 01 June 2011
- LXXIII. **Utilization of Galvanic Sludge as Raw Material for Production of Glass**
DERE ÖZDEMİR Ö., KANTÜRK FİGEN A., PİŞKİN S.
2011 International Conference on Chemistry and Chemical Process (ICCCP 2011), 28 - 29 May 2011
- LXXIV. **Bor Bileşikleri Üretim Teknolojilerin Geliştirilmesi**
PİŞKİN S.
1. Ulusal Kimya Mühendisliği Kongresi, 01 May 2011
- LXXV. **Production of Methyl Borate for Sodium Borohydride (NaBH₄): Hydrogen Storage Medium,**
PİŞKİN S.
2011 International Conference on Chemistry and Chemical Process (ICCCP 2011), 01 May 2011, vol.2011, pp.59-63
- LXXVI. **Utilization of Galvanic Sludge as Raw Material for Production of Glass**
PİŞKİN S.
2011 International Conference on Chemistry and Chemical Process (ICCCP 2011), 01 May 2011
- LXXVII. **Investigation of solid state reaction mechanism for sodium metaborate production NaBO₂**
KANTÜRK FİGEN A., ERGÜVEN H., PİŞKİN S.
140th Annual Meeting & Exhibition (TMS2011) Materials Processing and Energy Materials, 27 February - 03 March 2011
- LXXVIII. **Investigation of Solid State Reaction Mechanism for Sodium Metaborate (NaBO₂) Production**
PİŞKİN S.
TMS 2011 Annual Meeting & Exhibition, 01 March 2011
- LXXIX. **The Removal of Nickel from Leachate of Galvanic Sludge with Titanium Dioxide**
PİŞKİN S.
TMS 2011 Annual Meeting & Exhibition, 01 March 2011
- LXXX. **Investigation of Reaction Conditions Effecting Hydrophobicity on Zinc Borate Yield**
Pişkin S., Acaralı N., Derun E., Tuğrul N.
TMS 2011 Annual Meeting-Exhibition, California, United States Of America, 27 February - 03 March 2011, vol.3, pp.379-383
- LXXXI. **Non-isothermal Dehydroxylation Kinetics and Compensation Effect of Tunellite Mineral**
PİŞKİN S.

- 2st Conference on Chemical Engineering and Advanced Materials (CEAM), Virtual Forum, 01 November 2010
- LXXXII. **Effect of Calcination Temperature on the Morphology of Plating Sludge**
TUĞRUL N., DERE ÖZDEMİR Ö., PIŞKİN S.
World Congress on Engineering (WCE 2010), 30 June - 02 July 2010
- LXXXIII. **Characterization and investigation of the primary and secondary ulexite minerals against neutron radiation**
PIŞKİN S.
2nt International Conference on Nuclear and Renewable Energy Resources, 01 July 2010
- LXXXIV. **Effect of Calcination Temperature on the Morphology of Plating Sludge**
PIŞKİN S.
World Congress on Engineering 2010, 01 July 2010
- LXXXV. **The Zinc Borate Production by Using Ulexite Mineral**
ACARALI N., Piskin S.
10th International Multidisciplinary Scientific Geo-Conference-Expo on Modern Management of Mine Producing, Geology and Environmental Protection-SGEM 2010, Albena, Bulgaria, 20 June 2010
- LXXXVI. **Preparation of TiO₂ Nano Particles, Thermodynamic and Isotherm Studies on the Sorption of Strontium**
PIŞKİN S.
4th International Student Conference on Advanced Science and Technology (ICAST 2010), 01 June 2010
- LXXXVII. **A Review Study on the Production of B₄C**
PIŞKİN S.
The Fourth International Student Conference on Advanced Science and Technology (ICAST), 01 May 2010
- LXXXVIII. **Neutron Absorption Capabilities of Turkish Colemanite Minerals**
M. Derun E., PIŞKİN S.
The Fourth International Student Conference on Advanced Science and Technology (ICAST), 01 May 2010
- LXXXIX. **Investigation of the Organic Additives Treatment on Structural Properties of Waste Chip Magnesium to be used as a Hydrogen Storage Material**
KANTÜRK FİGEN A., PIŞKİN S.
The 25th International Conference on Solid Waste Technology and Management, 14 - 17 March 2010
- XC. **Kissinger model application of dehydration reaction of kurnokovite mineral: Non-isothermal differential thermal analysis**
FİGEN H. E., PIŞKİN S.
6th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries (EMCC-6), Antalya, Turkey, 7 - 12 March 2010, pp.176
- XC. **A Study on Individual Usage of Zinc Carbonate and Zinc Oxide to Product Zinc Borate**
TUĞRUL N., ACARALI N., PIŞKİN S.
6th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries-EMCC 6, Antalya, Turkey, 07 March 2010
- XCII. **Investigation of the Organic Additives Treatment on Structural Properties of Waste-Chip Magnesium to be used as a Hydrogen Storage Material**
PIŞKİN S.
The Twenty-Fifth International Conference On Solid Waste Technology and Management, 01 March 2010
- XCIII. **Investigation of Methyl Borate Production from Different Boron Compounds**
PIŞKİN S.
6th Chemical Engineering Conference For Collaborative Research In Eastern Mediterranean Countries (EMCC-6), 01 March 2010
- XCIV. **Effect of CrCl₃ Catalyst on Hydrogenation Reaction of Magnesium at Low Temperature**
KANTÜRK FİGEN A., ESLEK E. M., PIŞKİN S.
2009 Interdisciplinary Conference on Chemical, Mechanical and Materials Engineering (2009 ICCMME), 7 - 20 December 2009
- XCV. **Effect of CrCl₃ Catalyst on Hydrogenation Reaction of Magnesium at Low Temperature**

- PİŞKİN S.
2009 Interdisciplinary Conference on Chemical, Mechanical and Materials Engineering (2009 ICCMME), 01 December 2009
- XCVI. **Dissolution behaviour of Zn and Fe in galvanic sludge with different acids**
PİŞKİN S.
2009 Interdisciplinary Conference on Chemical, Mechanical and Materials Engineering (2009 ICCMME), 01 December 2009
- XCVII. **Parametric study of Magnesium Hydride Formation and Crystallographic Properties Changes**
KANTÜRK FİGEN A., ESLEK E. M., PİŞKİN S.
2th International Conference: Hydrogen Storage Technologies, 28 - 29 November 2009
- XCVIII. **Investigation of Thermal Decomposition Kinetic of Inderite Model Free Approach**
KANTÜRK FİGEN A., PİŞKİN S.
4rd International Boron Symposium, 15 - 17 November 2009
- XCIX. **Vibrational Spectroscopic Study of the Mg-Borate Minerals: Kurnakovite and Inderite in Kirka Deposits**
FİGEN H. E., DERE ÖZDEMİR Ö., PİŞKİN S.
4th International Boron Symposium, Eskişehir, Turkey, 15 - 17 October 2009, pp.745-749
- C. **Investigation of Thermal Decomposition Kinetic of Inderite: Model-Free Approach**
PİŞKİN S.
4th International Boron Symposium, 01 October 2009
- CI. **Parametric Study of Magnesium Hydride Formation and Crystallographic Properties Changes**
PİŞKİN S.
11 th International Conference and Exhibition Hydrogen Storage Technologies, 01 October 2009
- CII. **Thermal behavior of zinc borate-treated wood**
PİŞKİN S.
The 40th Annual Meeting of International Research Group On Wood Protection, 01 May 2009
- CIII. **Production of Sodium Metaborate NaBO₂ Under Ultrasonic Conditions**
SARI YILMAZ M., KANTÜRK A., PİŞKİN S.
7th International Industrial Minerals Symposium and Exhibition, 25 - 27 February 2009
- CIV. **Investigation of Dehydration Kinetic and Kinetic Compensation Effect KCE of Inderite Mineral**
KANTÜRK A., SARI YILMAZ M., PİŞKİN S.
7th International Industrial Minerals Symposium and Exhibition, 25 - 27 February 2009
- CV. **Production of Sodium Metaborate (NaBO₂) Under Ultrasonic Conditions**
PİŞKİN S.
7th International Industrial Minerals Symposium, 01 February 2009
- CVI. **Investigation of Dehydration Kinetic and Kinetic Compensation Effect (KCE) of Inderite Mineral**
PİŞKİN S.
7th International Industrial Minerals Symposium and Exhibition, 01 February 2009
- CVII. **Crystallographic Structure of LiCoO₂ based Ruthenium Catalyst for Sodium Borohydride Hydrolysis**
Figen H. E., Kantürk A., Güldal N. Ö., Baykara Z. S., Pişkin S.
XXI Congress of the International Union of Crystallography (IUCr 2008), Osaka, Japan, 23 - 31 August 2008, vol.64, pp.530
- CVIII. **The crystal phase characterization of by-products from sodium borohydride (NaBH₄) production via high and low pressure process (HPP-LPP) by XRD analysis**
SARI YILMAZ M., KANTÜRK FİGEN A., DERE ÖZDEMİR Ö., FİGEN H. E., PİŞKİN S.
XXI Congress of the International Union of Crystallography, 23 - 31 August 2008
- CIX. **H₂SO₃ Leaching Characteristics of Toxic Metals Recovery From Plating Sludge**
Dere Ö., Kantürk A., Sarı M., Pişkin S.
Global Conference on Global Warming (GCGW-08), İstanbul, Turkey, 6 - 10 July 2008, pp.26-34
- CX. **Characterization of Metal Plating Sludge to Identify It s Enviromental Risky**
DERE Ö., SARI M., KANTÜRK A., PİŞKİN S.

- Global Conference on Global Warming (GCGW-08), 6 - 10 July 2008
- CXI. **H2SO3 Leaching Characteristics of Toxic Metals Recovery From Plating Sludge**
PİŞKİN S.
Global Conference on Global Warming 2008, 01 July 2008
- CXII. **Characterization of Metal Plating Sludge to Identify It's Enviromental Risky**
PİŞKİN S.
Global Conference on Global Warming 2008, 01 July 2008
- CXIII. **Preparation of Kernite Based Borosilicate Glass as a Starting Material for NaBH₄ Production**
SARI M., KANTÜRK A., DERE Ö., PİŞKİN S.
The International Youth Science Environmental Forum (ECOBALTICA 2008), 26 - 28 June 2008
- CXIV. **Uçucu Küllerin Hafif Beton Agregası Olarak Kullanılmak Üzere Peletlenmesi**
PİŞKİN S.
Hızır Beton Kongresi, 01 June 2008
- CXV. **Preparation of Kernite Based Borosilicate Glass as a Starting Material for NaBH₄ Production**
PİŞKİN S.
The Seventh International Youth Environmental Forum of Baltic Region Countries (ECOBALTICA), 01 June 2008
- CXVI. **Bor Bileşikleri Üretim Teknolojilerin Geliştirilmesi**
ERGÜVEN H., KANTÜRK FİGEN A., PİŞKİN S.
1. Ulusal Kimya Mühendisliği Öğrenci Kongresi, Turkey, 12 - 14 May 2008
- CXVII. **Eskişehir Kırka Bölgesi Magnezyum Borat Cevherinin Yapısal Özelliklerinin İncelenmesi XRD DTA TG SEM EDS FT IR**
Sarı Yılmaz M., Kantürk Figen A., Pişkin S.
II.Ulusal Bor Çalıştayı, Ankara, Turkey, 17 - 18 April 2008, pp.21
- CXVIII. **FT IR ATR Spektroskopi Tekniğiyle Sodyum Metaboratın NaBO₂ Kalitatif ve Kantitatif Analizi**
SARI YILMAZ M., KANTÜRK FİGEN A., PİŞKİN S.
II.Ulusal Bor Çalıştayı, Turkey, 17 - 18 April 2008
- CXIX. **FT-IR/ATR Spektroskopi Tekniğiyle Sodyum Metaboratın (NaBO₂) Kalitatif ve Kantitatif Analizi**
PİŞKİN S.
II.Ulusal Bor Çalıştayı, 01 April 2008
- CXX. **Eskişehir-Kırka Bölgesi Magnezyum Borat Cevherinin Yapısal Özelliklerinin İncelenmesi: XRD, DTA-TG, SEM-EDS, FT-IR**
PİŞKİN S.
II.Ulusal Bor Çalıştayı, 01 April 2008
- CXXI. **Production of Hydrogen from Boron Minerals and Different Compounds Development Fuel Cell System**
Figen H. E., Kantürk A., Pişkin S.
European Technology Platform for Sustainable Chemistry: SusChem Stakeholder Workshop 2nd Brokerage Event, Berlin, Germany, 29 - 30 January 2008
- CXXII. **A Characterization Study on Sodium Borohydride NaBH₄ Hydrogen Storage Medium**
KANTÜRK A., SARI M., DERE Ö., PİŞKİN S.
The 10th International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production (SWEMP2007), 11 - 13 December 2007
- CXXIII. **A Characterization Study on Sodium Borohydride (NaBH₄) Hydrogen Storage Medium**
PİŞKİN S.
The Tenth International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production (SWEMP2007), 01 December 2007
- CXXIV. **Reusing of Sodium Silicate as a Raw Material in Glass Industry By product of Sodium Borohydride Production**
KANTÜRK A., SARI M., DERE Ö., PİŞKİN S.
The 6th International Conferance on Technologies for Waste and Wastewater Treatment Energy from Waste Remediation of Contaminated Sites Emissions Related on Climate (ECO-TECH 2007), 26 - 28 November 2007

- CXXV. **Reusing Of Sodium Silicate As A Raw Material In Glass Industry: By-product of Sodium Borohydride Production**
PİŞKİN S.
6th International Conferance on Technologies for Waste and Wastewater Treatment Energy from Waste Remediation of Contaminated Sites Emissions Related on Climate (ECO-TECH 2007), 01 November 2007
- CXXVI. **Evaluation Of Thermal Behaviors Of Soda Ash By Using TG DTG DTA DSC Analysis Techniques**
SARI M., KANTÜRK A., PİŞKİN S.
The 2nd Balkan Mining Congress, 10 - 13 September 2007
- CXXVII. **Evaluation Of Thermal Behaviors Of Soda Ash By Using TG, DTG, DTA, DSC Analysis Techniques**
PİŞKİN S.
2nd Balkan Mining Congress, 01 September 2007
- CXXVIII. **Colemanite Mineral As a Starting Material for Sodium Borohydride Production**
SARIALİOĞLU Ü. B., KANTÜRK A., SARI M., PİŞKİN S.
The 2nd International Hydrogen Energy Congress and Exhibition (IHEC 2007), 13 - 15 July 2007
- CXXIX. **A New Quantitative Application of FT-IR/ATR: Sodium Borohydride Concentration in Discharged Borate Solution**
KANTÜRK FİGEN A., SARI YILMAZ M., FİGEN H. E., PİŞKİN S.
2nd International Hydrogen Energy Congress and Exhibition IHEC 2007, 13 - 15 July 2007
- CXXX. **Colemanite Mineral: As a Starting Material for Sodium Borohydride Production**
PİŞKİN S.
Proceedings 2nd International Hydrogen Energy Congress and Exhibition IHEC 2007, 01 July 2007
- CXXXI. **Investigation of Thermal Charateristics of the core of Eriobotrya Japonica**
PİŞKİN S.
XII Balkan Mineral Processing Congress, 01 June 2007
- CXXXII. **Structural Characterization of Soda Ash By XRD XRF FT IR DTA TG SEM Techniques**
KANTÜRK A., SARI M., PİŞKİN S.
The 10th National Conference of Metallurgy with International Participation, 28 - 31 May 2007
- CXXXIII. **Evaluation of The Thermal Dehydration of Sodium Metaborate 4 Hdyrate NaB OH 4 2H2O by Using TG DTG DSC**
SARI M., KANTÜRK A., PİŞKİN S.
Somer Symposium Series, 14 - 15 May 2007
- CXXXIV. **An Alternative Method of Sodium Borohydride Production from Ulexite Mineral**
KANTÜRK A., SARI M., PİŞKİN S.
Somer Symposium Series, 14 - 15 May 2007
- CXXXV. **An Alternative Method of Sodium Borohydride Production from Ulexite Mineral**
PİŞKİN S.
Somer Symposium, 01 May 2007
- CXXXVI. **GELECEĞİN YAKITI: "HİDROJEN" ve Y.T.Ü'de YAPILAN ÇALIŞMALAR**
PİŞKİN S.
II. Hidrojen Enerjisi Eğitim Semineri, 01 May 2007
- CXXXVII. **Structural Properties Characterization of Soda Ash By XRD, XRF, FT-IR, DTA-TG, SEM Techniques**
PİŞKİN S.
10th National Conference of Metallurgy with International Participation, 01 May 2007
- CXXXVIII. **Evaluation of The Thermal Dehydration Of Sodium Metaborate 4-Hdyrate (NaB(OH)4.2H2O) By Using TG/DTG-DSC**
PİŞKİN S.
Somer Symposium, 01 May 2007
- CXXXIX. **Utilization Of Fly Ashes, Boric Acid And Borax Wastes In Cement And Concrete Production**
PİŞKİN S.
The 22nd International Conference on Solid Waste Technology and Management, 01 March 2007
- CXL. **Investigation of Thermal Characteristic and Kinetic Parameters of Raw Magnesite by Using**

DTA/TG/DSC

Yakar Elbeyli İ., KALPAKLI Y., PİŞKİN S.

13. International Metallurgy and Materials Congress, İstanbul, Turkey, 09 November 2006, pp.28

CXLI. **The Effect of Heating Rates on Thermal Decomposition of Raw Magnesite**

KALPAKLI Y., Yakar Elbeyli İ., PİŞKİN S.

13. International Metallurgy and Materials Congress, İstanbul, Turkey, 09 November 2006, pp.29

CXLII. **Production of Sodium Metaborate and Investigation of Its Structural Properties**

KANTÜRK A., SARIALIOĞLU Ü. B., SARI M., PİŞKİN S.

The 3rd International Boron Symposium, 4 - 06 November 2006

CXLIII. **Production of Sodium Borohydride from Borax**

KANTÜRK A., SARIALIOĞLU Ü. B., PİŞKİN S.

The 3rd International Boron Symposium, 4 - 06 November 2006

CXLIV. **Alternatif Enerji Taşıyıcısı HİDROJEN ve Y T Ü de Gerçekleştirilen Çalışmalar**

KANTÜRK FİGEN A., PİŞKİN S.

IV. Yenilenebilir Enerji Kaynakları Sempozyumu (YEKSEM'07), Turkey, 31 October 2007 - 02 November 2006

CXLV. **Investigation of Thermal Properties and Kinetic Calculation of Raw. Magnesite by DTA/TG/DSC**

PİŞKİN S.

13th International Metallurgy And Materials Congress, 01 November 2006

CXLVI. **Production of Sodium Borohydride from Borax**

PİŞKİN S.

Proceedings of 3rd International Boron Symposium, 01 November 2006

CXLVII. **Production of Sodium Metaborate and Investigation of Its Structural Properties**

PİŞKİN S.

Proceedings of 3rd International Boron Symposium, 01 November 2006

CXLVIII. **The Effect Of Different Heating Rate On Thermal Decomposition Of Raw Magnesite**

PİŞKİN S.

13th International Metallurgy And Materials Congress, 01 November 2006

CXLIX. **Hydrogen Storage System Based On sodium Borohdride**

PİŞKİN S.

Energies For The Future Advanced Workshop, 01 September 2006

CL. **NaBH₄ ün Hidrojen Depolama Kapasitesinin Belirlenmesi**

Kantürk Figen A., Derun E., Tuğrul N., Pişkin S.

III. Ulusal Hidrojen Kongresi (UHK 2006), İstanbul, Turkey, 17 July 2006, pp.185-188

CLI. **NaBH₄'ün Hidrojen Depolama Kapasitesinin Belirlenmesi**

PİŞKİN S.

III. Ulusal Hidrojen Kongresi, 01 July 2006

CLII. **Obtaining a New Proton Permeable Membran at H₂/O₂ Fuel Cells**

PİŞKİN S.

International Hydrogen Energy Congress&Exhibition, 01 July 2005

CLIII. **Production of Lightweight Concrete by Using Pumice Aggregate and Industrial Boric Acid Waste**

Derun E., Srialioğlu Ü., Pişkin M. B., Pişkin S.

The Twentieth International Conference on Solid Waste Technology and Management, Philadelphia, PA U.S.A, 3-6 April, Pennsylvania, United States Of America, 3 - 06 April 2005, pp.1-7

CLIV. **Removal Of Hydrogen From Nabh₄ Alloys By Diffusion And Electrodiffusion**

PİŞKİN S.

9th Grove Fuel Cell Symposium, 01 January 2005

CLV. **Utilization of Borax Waste, Fly Ash and Silica Fume in Manufacturing of Building Brick**

Elbeyli İ., Kalpaklı Y., GÜLEN F. J., Pişkin M., Pişkin S.

Second International Boron Symposium, Eskişehir, Turkey, 23 September 2004, pp.449-454

CLVI. **Utilization of Borax Waste as an Additive in Building Brick Production**

Elbeyli İ., Kalpaklı Y., GÜLEN F. J., Pişkin M., Pişkin S.

Second International Boron Symposium, Eskişehir, Turkey, 23 September 2004, pp.431-436

- CLVII. **Hydrogen Production From NaBH₄ Alloys By Out Diffusion**
T D D., PİŞKİN S., AYDIN YÜKSEL S., ÇALIŞKAN M., ORUÇ Ç., YEŞİLKAYA S. S.
TPE 'nd International Conferance on Technical and Physical Problems in Power Engineering, 6 - 08 September 2004
- CLVIII. **Farklı Tane Boyutlarındaki Borjips Atığının Yapısal Olarak İncelenmesi**
PİŞKİN S.
Altıncı Ulusal Kimya Mühendisliği Kongresi, UKMK-6, 01 September 2004
- CLIX. **Sb₂Te₃ ve Bi₂Te₃ İçerikli Yarı İletken Alaşımların Üretimi ve Termoelektrik, Yapısal, Mikroyapısal Özelliklerinin İncelenmesi**
PİŞKİN S.
6.Ulusal Kimya Mühendisliği Kongresi, 01 September 2004
- CLX. **Uçucu Kül Katkılı Çimento Harçlarının Agresif Sulara Karşı Dayanımının Araştırılması**
PİŞKİN S.
6.Ulusal Kimya Mühendisliği Kongresi, 01 September 2004
- CLXI. **Characterization of the Borogypsum by XRD, FTIR, DTA-TGA, SEM**
PİŞKİN S.
Environmental Issues and Waste Management in Energy and Mineral Production, 01 May 2004
- CLXII. **The Effects of Various Industrial Wastes on Compressive Strength Properties of Portland Cement**
PİŞKİN S.
Environmental Issues and Waste Management in Energy and Mineral Production, 01 May 2004
- CLXIII. **Environmental Issues and Waste Management in Energy and Mineral Production**
PİŞKİN S.
The Effects of Various Industrial Wastes on Compressive Strength Properties of Portland Cement, 01 April 2004
- CLXIV. **Evaluation of Pyrite Ash Wastes Obtained by the Sulfuric Acid Production Industry**
PİŞKİN S.
8th International Conference on Environmental Science and Technology, 01 September 2003
- CLXV. **Utilization of Boric Acid Wastes as an Additive in Lightweight Concrete**
PİŞKİN S.
8 th International Conference on Environmental Science and Technology, 01 September 2003
- CLXVI. **Leaching of Nallıhan Lignites with Some Acids**
GÜLEN F. J., DOYMAZ İ., PİŞKİN M. B., Özgen S., PİŞKİN S.
Proceedings of X. Balkan Mineral Processing Congress, Varna, Bulgaria, 15 June 2003, pp.303-307
- CLXVII. **Recycling Heavy Metals from the Leach of Pyrite Ash Wastes**
PİŞKİN S.
X. Balkan Mineral Processing Congress, 01 June 2003
- CLXVIII. **Pelletization of Pyrite Ash Wastes for Utilization in Iron Production Industry**
PİŞKİN S.
X. Balkan Mineral Processing Congress, 01 June 2003
- CLXIX. **Atık Çamur ve Silis Dumanının Çimentoların Basınç Dayanımları Üzerine Etkileri**
PİŞKİN S.
Hazır Beton Kongresi, 01 June 2003
- CLXX. **Türkiye'nin Hidroelektrik Potansiyeli ve Çevresel Etkileri**
GÜLEN F. J., Pişkin S.
IV. Ulusal Temiz Enerji Sempozyumu, İstanbul, Turkey, 16 October 2002, pp.549-556
- CLXXI. **Türkiye'nin Hidrolik Enerji Potansiyeli ve Çevre Etkileri**
PİŞKİN S.
4. Ulusal Temiz Enerji Sempozyumu, 01 October 2002
- CLXXII. **DTA-TG Studies on the Pyrolysis of Zonguldak Coals**
PİŞKİN S.
V. International Chemical Physics Conference, 01 October 2002

- CLXXIII. **Kinetic Study of the Thermal Decomposition of Borogypsum**
PİŞKİN S.
V. International Conference on Chemical Physics, 01 October 2002
- CLXXIV. **Jenkner Düzeninde Kok Üretimi**
PİŞKİN S.
4. Gap Mühendislik Kongresi, 01 June 2002
- CLXXV. **Değişik Reaktifler Kullanarak Nallıhan Linyitinin Demineralizasyonu**
GÜLEN F. J., DOYMAZ İ., PİŞKİN S.
V. Ulusal Kimya Mühendisliği Kongresi (UKMK-5), Ankara, Turkey, 02 May 2002
- CLXXVI. **Demineralization of Asphaltite with Different Acids after Treating Sodium Hydroxide**
GÜLEN F. J., DOYMAZ İ., PİŞKİN S.
Proceedings of The 9th Balkan Mineral Processing Congress, İstanbul, Turkey, 11 September 2001, pp.413-416
- CLXXVII. **Silopi-Harpur Asfaltitlerinin Flotasyon ve Demineralizasyonla Zenginleştirilmesi**
Doymaz İ., GÜLEN F. J., Pişkin S.
XV. Ulusal Kimya Kongresi, Boğaziçi Üniversitesi, İstanbul, Turkey, 04 September 2001
- CLXXVIII. **High Temperature Carbonization of Armutcuk Coal**
PİŞKİN S.
9th International Balkan Mineral Processing Cong., 01 September 2001
- CLXXIX. **Demineralization of Silopi-Harpur Asphaltite**
GÜLEN F. J., DOYMAZ İ., PİŞKİN S.
The Fourth International Thermal Energy Congress, İzmir, Turkey, 08 July 2001, pp.23-28
- CLXXX. **High Temperature Carbonization of Zonguldak District Coal**
PİŞKİN S.
4th International Thermal Energy Congress, 01 July 2001
- CLXXXI. **Taşkömürü Şistlerinin Zenginleştirilmesi**
PİŞKİN S.
Aritim 2000 Sempozyumu ve Sergisi, 01 May 2001
- CLXXXII. **Enrichment of Bituminous Coal Shales**
PİŞKİN S.
Aritim 2000 International Symposium and Exhibition, 01 May 2001
- CLXXXIII. **Evaluation of Industrial Boric Acid Wastes In Production Of Lightweight Concrete with Raw Perlite Aggregate**
PİŞKİN S.
The Fifteenth International Confrence On Solid Waste Technology and Management, 01 December 2000
- CLXXXIV. **Usage of Boron Concentration Wastes in Some Industries such as Brick, Cement, etc.**
Elbeyli İ., GÜLEN F. J., Möröydor E., Pişkin S.
Euro Environment European Conference, Aalborg, Denmark, 18 October 2000
- CLXXXV. **Evaluation of Boric Acid Wastes in Production Of Lightweight Concrete With Andesite And Raw Perlite Aggregate**
PİŞKİN S.
Euro Environment 2000 Conference, 01 October 2000
- CLXXXVI. **Talk Cevherinin Boyut Analizine Göre Yapısal İncelenmesi**
Yakar İ., Möröydor E., GÜLEN F. J., Pişkin S.
Dördüncü Ulusal Kimya Mühendisliği Kongresi, İstanbul, Turkey, 04 September 2000
- CLXXXVII. **Talk Cevherinin Flotasyonla Zenginleştirilmesi ve Değerlendirilmesi**
GÜLEN F. J., Möröydor E., Yakar İ., Pişkin S.
Dördüncü Ulusal Kimya Mühendisliği Kongresi, İstanbul, Turkey, 04 September 2000
- CLXXXVIII. **Genleştirilmiş Perlit Agregali Hafif Beton Üretiminde Endüstriyel Borik Asit Atığının Etkisi**
PİŞKİN S.
14. Ulusal Kimya Kongresi, 01 September 2000
- CLXXXIX. **Kömürlerin Koklaşma Özelliklerinin İrdelenmesi**

- PİŞKİN S.
4.Ulusal Kimya Mühendisliği Kongresi, 01 September 2000
- CXC. **Termal Analiz Yöntemiyle Talk Cevherinin Yapısal İncelemesi (Poster)**
PİŞKİN S.
4.Ulusal Kimya Mühendisliği Kongresi, 01 September 2000
- CXCII. **Andezit, Ham Perlit Agregası ve Endüstriyel Borik Asit Atıklarının Hafif Beton Üretiminde Değerlendirilmesi (Poster)**
PİŞKİN S.
4.Ulusal Kimya Mühendisliği Kongresi, 01 September 2000
- CXCIII. **Endüstriyel Borik Asit Atıklarının Pomza Agregalı Hafif Beton Üretiminde Değerlendirilmesi ve Priz Süresine Etkisi**
PİŞKİN S.
14.Ulusal Kimya Kongresi, 01 September 2000
- CXCIV. **Zonguldak Bölgesi Kömürlerinin Yüksek Sıcaklık Karbonizasyon Ürünlerinin İncelenmesi**
PİŞKİN S.
4.Ulusal Kimya Mühendisliği Kongresi, 01 September 2000
- CXCV. **Fiziksel Özelliklerin Kömürün Kalitesine ve Termik Özelliklerine Etkisi**
Sütçü H., Yakar İ., GÜLEN F. J., Pişkin S.
12. Ulusal Isı Bilimi ve Tekniği Kongresi, Sakarya, Turkey, 28 February 2000, vol.2, pp.757-761
- CXCVI. **Fiziksel Yöntemlerle Kömürün Kalitesine ve Termal Özelliklerini Etkisi**
PİŞKİN S.
12.Ulusal Isı Bilimi ve Tekniği Kongresi, 01 February 2000
- CXCVII. **Evaluation of Solid Wastes Containing Boron in Cement Industry**
Elbeyli İ., GÜLEN F. J., Özbek E., Pişkin S.
The Fifteenth International Conference On Solid Waste Technology and Management, Philadelphia, United States Of America, 12 December 1999
- CXCVIII. **Enrichment of Shales of Bituminous Coal**
Sütçü H., GÜLEN F. J., Elbeyli İ., Pişkin S.
The 15th International Conference On Solid Waste Technology and Management, Philadelphia, United States Of America, 12 December 1999
- CXCIX. **Usage of Gypsum Waste Containing Boron in Plaster Production**
Kalpaklı Y., GÜLEN F. J., Elbeyli İ., Pişkin S.
The 15th International Conference on Solid Waste Technology and Management, Philadelphia, United States Of America, 12 December 1999
- CC. **Boraks ve Borik Asit Üretiminde Açığa Çıkan Katı Atıkların Çimento Sanayinde Değerlendirilmesi**
Yakar İ., GÜLEN F. J., Pişkin S.
XIII. Ulusal Kimya Kongresi, Samsun, Turkey, 31 August 1999, pp.507
- CCI. **Bor İçerikli Jips Atığının Endüstriyel Alanda Değerlendirilmesi**
GÜLEN F. J., Yakar İ., Pişkin S.
XIII. Ulusal Kimya Kongresi, Samsun, Turkey, 31 August 1999, pp.508
- CCII. **Evaluation of Boron Waste, Fly Ash and Silica Fume in Building Brick Industry**
GÜLEN F. J., Elbeyli İ., Kalpaklı Y., Pişkin S.
The Kriton Curi International Symposium on Environmental Management in the Mediterranean Region, Antalya, Turkey, 18 June 1999, pp.325-336
- CCIII. **Elektro Kimyasal Yöntemle Ortopedik Metalik İmplant Co-Cr-Mo Alaşımının Korozyon Davranışının İncelenmesi**
GÜLEN F. J., Özçelik F., Pişkin S.
1. Elektro Kimya Günleri, Bolu, Turkey, 31 January 1999
- CCIV. **Karbondioksitin Süperkritik Koşullarında Bazı Esansiyel Yağ Bileşenleri İçin Faz Dengeleri ile Çözünürlüklerin İncelenmesi**
Dinçer S., AKGÜN M., Akgün N., Pişkin S.

3. Ulusal Kimya Mühendisliği Kongresi, Erzurum, Erzurum, Turkey, 01 September 1998, pp.1-5
- CCIV. **Bazı Türk Linyitlerinin Petrografik ve Yapısal Özelliklerini İncelenmesi**
GÜLEN F. J., Toprak S., Deniz S., Altın Z., Pişkin S.
Üçüncü Ulusal Kimya Mühendisliği Kongresi, Erzurum, Turkey, 01 September 1998, pp.31-36
- CCV. **Zonguldak Bitümlü Kömürlerinin Termik Özelliklerinin TG Yöntemi**
PIŞKİN S.
3.Ulusal Kimya Mühendisliği Kongresi, 01 September 1998
- CCVI. **Soma Linyitinin Selülozik Bir Atıkla Ortak İşlenmesi**
PIŞKİN S.
3.Ulusal Kimya Mühendisliği Kongresi, 01 September 1998
- CCVII. **Bor Atıklarının İnşaat Tuğlası Üretiminde Kullanılması**
PIŞKİN S.
8. Ulusal Kil Sempozyumu, 01 September 1997
- CCVIII. **The Investigation of the Oxidation in the Air and the Tendencies of Flammability of Some Turkish Lignites**
PIŞKİN S.
8. Chemistry and Chemical Engineering Symposium, 01 September 1996
- CCIX. **Stokta Uzun Süre Beklemiş Amasra Toz Kömürünün Flotasyonu**
AKGÜN M., Pişkin S.
Türkiye 6. Enerji Kongresi, İzmir, İzmir, Turkey, 17 October 1994, vol.3, pp.73-80
- CCX. **Oksitlenmiş Amasra Kömürünün Zenginleştirilmesinde Çeşitli Faktörlerin Etkisi**
Sağlam S., AKGÜN M., Pişkin S., Ünal S.
Kimya 93 Sempozyumu, Trabzon, 20-24 Eylül, Trabzon, Turkey, 20 September 1993, pp.1-5
- CCXI. **Oksitlenmiş Amasra Kömürünün Elektrokinetik Potansiyeline pH ve Çok Değerli Katyonların Etkisi**
AKGÜN M., Pişkin S., Ünal S.
Kimya 93 Sempozyumu, Trabzon, 20-24 Eylül, Trabzon, Turkey, 20 September 1993, pp.1-5
- CCXII. **Bazı Linyitlerin Oksitlenme Özellikleri ve Neticeleri**
PIŞKİN S.
9. Kimya ve Kimya Mühendisliği Sempozyumu, 01 September 1993
- CCXIII. **Amasra Kömürlerinin Flotasyonunda Oksitlenmenin Etkisi**
AKGÜN M., Pişkin S., Karşılaman H., Ünal S.
Kimya 92 Sempozyumu, İstanbul, 133-138, 7-11 Eylül, İstanbul, Turkey, 07 September 1992, pp.133-138
- CCXIV. **Polimetil Metakrilat'a Sitrik Asid'in Etkisi**
PIŞKİN S., Marşoğlu M., Kaban Ş., ÖZDEMİR K., AKDOĞAN Ö., KERTİ İ.
VII Kimya ve Kimya Mühendisliği Sempozyumu, 2 - 04 April 1991, pp.81
- CCXV. **Bazı Türk Linyitlerinin Kendiliğinden Tutuşma Eğilimlerinin İncelenmesi**
PIŞKİN S.
7. Kimya ve Kimya Mühendisliği Sempozyumu, 01 April 1991
- CCXVI. **Deterjan İçeren Bir Atık Sudan Lineer Alkil Sülfonat'ın (LAS) Aktif Karbon Absorpsiyonu ile Temizlenmesi ve Aktif Karbonun Rejenerasyonu**
PIŞKİN S.
Trakya'da Çevre Kirlenmesi Sempozyumu, 01 March 1989
- CCXVII. **Bingöl Karlıova Linyitlerinin Katkı Maddesiz ve Katkı Maddeli Olarak Briketlemesi**
PIŞKİN S.
Ülkemizin Kalkınmasında Mühendisliğin Rolü Sempozyumu, 01 June 1988
- CCXVIII. **Asfaltitlerin Değerlendirilmesi ve Konya İlgin Kömürlerinde Katkı Maddesi Olarak Kullanılması**
PIŞKİN S.
Türkiye 6. Kömür Kongresi, 01 May 1988

Other Publications

- I. **Mezögözenekli Santabarbara No:15 (SBA-15) Üretimi ve Uygulama Alanlarının İncelenmesi**
S. Yılmaz M., S. Yılmaz M.
Other, 1
- II. **Düşük Ağırlıklı Kompleks Hidrürlerin Hidrolizi için Çeşitli Co-B Temelli Katalizörlerinin Sentezlenmesi ve Karakterizasyonu**
Coskuner B., Coskuner B.
Other, 1
- III. **Bergama Altın Madeni Atığından Mezögözenekli Silika Üretimi ve Üretim Parametrelerinin İncelenmesi**
Acaroglu İ., Acaroglu İ.
Other, 1
- IV. **Çeşitli Magnezyum ve Bor Kaynaklarından Farklı Yöntemler ile Yapay Magnezyum Borat Üretimi ve Üretim Parametrelerinin İncelenmesi**
Kıpcak A., Kıpcak A.
Other, 1
- V. **Farklı Yöntemlerle Baryum Metaborat Üretimi ve Üretim Sürecine Etki Eden Faktörlerin İncelenmesi**
Aksener A. E., Aksener A. E.
Other, 1

Supported Projects

- PİŞKİN S., TUĞRUL N., KIPÇAK A. S., Project Supported by Higher Education Institutions, HİDROFOBİK KARAKTERLİ GAZ BETON ÜRETİMİ, 2015 - 2018
- PİŞKİN S., EREN E., Project Supported by Higher Education Institutions, Borik Asit ve Borik Asit Atıklarının Uçucu Kül ve Yüksek Fırın Cürufu Alkali Aktivasyonu Sürecine Etkilerinin Araştırılması, 2013 - 2018
- PİŞKİN S., COŞKUNER FİLİZ B., Project Supported by Higher Education Institutions, HİDROJEN DEPOLAMA ORTAMI OLARAK B-N BİLEŞİKLERİNİN SENTEZLENMESİ VE HİDROJEN ÜRETİM ÖZELLİKLERİNİN İNCELENMESİ, 2015 - 2017
- PİŞKİN S., SARI YILMAZ M., Project Supported by Higher Education Institutions, Halka Açılma Metatez Polimerizasyonu Esaslı Antimikrobiyal Hidrojel Kaplama, 2013 - 2016
- PİŞKİN S., Other International Funding Programs, Alkali Aktivasyonu Yöntemleri ile Beton Üretim Tekniklerinin Geliştirilmesi, 2013 - 2016
- PİŞKİN S., Project Supported by Higher Education Institutions, Çeşitli Nanopartiküllerin Farklı Hücre Modelleri Üzerindeki Etkisinin Karşılaştırmalı Olarak İncelenmesi, 2012 - 2014
- PİŞKİN S., Project Supported by Higher Education Institutions, Farklı Yöntemlerle Baryum Metaborat Üretimi ve Üretim Sürecine Etki Eden Faktörlerin İncelenmesi, 2011 - 2013
- PİŞKİN S., COŞKUNER FİLİZ B., Project Supported by Higher Education Institutions, Düşük Ağırlıklı Kompleks Hidrürlerin Hidrolizi için Çeşitli Co-B Temelli Katalizörlerinin Sentezlenmesi ve Karakterizasyonu, 2012 - 2012
- PİŞKİN S., KIPÇAK A. S., SARI YILMAZ M., TUĞRUL N., Project Supported by Higher Education Institutions, Düşük Maliyetli Yüksek Verimli Hidrofobik ve Nano Yapılı Yeni Çinko Borat Üretim Teknolojilerinin Geliştirilmesi, 2010 - 2012
- PİŞKİN S., Project Supported by Other Official Institutions, Biyomedikal Malzemeler ve Yapay Dokular, Şemsiye Proje, 2005 - 2010
- PİŞKİN S., Project Supported by Other Official Institutions, Çeşitli Bileşiklerden Hidrojen Üretimi ve Yakıt Pili Geliştirilmesi, Havuz Proje, 2003 - 2010
- PİŞKİN S., TUĞRUL N., Other International Funding Programs, Mikroorganizma Etkisiyle Linyitlerin Depolimerizasyonu, Sıvı Yakıt Eldesi, Oluşan Ürünlerin Yeni Kimyasal Maddeler Olarak Değerlendirilmesi, 2003 - 2005
- PİŞKİN S., Project Supported by Higher Education Institutions, Bor Konsantrasyon Atıklarının Seramik ve Tuğla Sanayinde Kullanım Alanlarının Araştırılması, 1996 - 2000
- PİŞKİN S., Other International Funding Programs, Bor Konsantrasyon Atıklarının Seramik, Tuğla ve Diğer Sanayilerde

Kullanımı, 1995 - 1999

PİŞKİN S., Bandırma Etibank Sülfürik Asit Fabrikasından Çıkan Kalsine Pirit Cürufu Atıklarının Çimento ve Diğer Sanayilerde Kullanımının Araştırılması, 1997 - 1998

PİŞKİN S., Bandırma Boraks Fabrikası ve Asit Borik Fabrikasından Çıkan Atıkların Kullanılabileceği Sektörlerin Belirlenebilmesi ve Atıkların Değişik Sanayi Dallarında Kullanımına İlişkin Araştırmalar, 1997 - 1998

PİŞKİN S., Other International Funding Programs, Bazı Türk Linyitlerinin Havada Oksitlenme Ve Tutuşma Eğilimlerinin Ölçülmesi, 1991 - 1995

PİŞKİN S., Other International Funding Programs, Talk Cevherinin Çeşitli Endüstriyel Amaçlar İçin Saflaştırılması, 1988 - 1990

Metrics

Publication: 414

Citation (WoS): 1309

Citation (Scopus): 1528

H-Index (WoS): 18

H-Index (Scopus): 20