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Personal Information

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Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Turkey 2009 - 2015

Post Graduate, Ataturk University, Fen Bilimleri Enstitüsü, Turkey 2007 - 2009

Under Graduate, Atatürk Üniversitesi, Mühendislik Fakültesi, Kimya, Turkey 1998 - 2002

Dissertations

Doctorate, KOLEMANİTTEN YÜKSEK BASINÇLI REAKTÖRDE TRİMETİL BORAT ÜRETİMİ, Atatürk Üniversitesi, Fen Bilimleri, Kimya Mühendisliği, 2015

Post Graduate, KALKOPİRİTİN KAVRULMASI VE KAVRULMUŞ KALKOPİRİTİN SO₂'DE ÇÖZÜNDÜRÜLMESİ, Atatürk Üniversitesi, Fen Bilimleri, Kimya Mühendisliği, 2009

Research Areas

Environmental Chemistry and Technology, Inorganic Technologies, Chemistry, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Ataturk University, Mühendislik Fakültesi, 2017 - Continues

Research Assistant, Ataturk University, Mühendislik Fakültesi, 2007 - 2015

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Thermal dehydration of colemanite: kinetics and mechanism determined using the master plots method**
KIZILCA ÇORUH M., ÇOPUR M.
CANADIAN METALLURGICAL QUARTERLY, vol.56, is.3, pp.259-271, 2017 (Journal Indexed in SCI)
- II. **Investigation of the Thermal Decomposition Kinetics of Chalcopyrite Ore Concentrate usng Thermogravimetric Data**
Kizilca M., Copur M.
CHEMICAL ENGINEERING COMMUNICATIONS, vol.203, is.5, pp.692-704, 2016 (Journal Indexed in SCI)
- III. **Determination of the Optimum Conditions for Copper Leaching from Chalcopyrite Concentrate Ore Using Taguchi Method**
Copur M., Kizilca M., Kocakerim M. M.
CHEMICAL ENGINEERING COMMUNICATIONS, vol.202, is.7, pp.927-935, 2015 (Journal Indexed in SCI)
- IV. **Kinetic Investigation of Reaction Between Colemanite Ore and Methanol**
KIZILCA M., ÇOPUR M.

Articles Published in Other Journals

- I. **Determination Of Pyrolysis Kinetics Of Pistachio Shell And Cranberry Seed**
Bayrakçeken H., Kızılca Çoruh M.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, is.12, pp.847-856, 2020 (National Refreed University Journal)
- II. **Taguchi Approach and ANOVA in Optimization of the Dissolution of Colemanite in CO₂ and SO₂-Water Systems**
EKİNCİ Z., KURDAL E., KIZILCA ÇORUH M.
Current Physical Chemistry, vol.10, pp.1-10, 2019 (Journal Indexed in ESCI)
- III. **Thin-Layer Drying Characteristics of Microwave-Dried Radix Eremut (Eremurus Spectabilis)**
ARAL S., KIZILTAŞ H., KIZILCA M.
Aksaray University Journal of Science and Engineering, vol.1, is.2, pp.56-70, 2017 (Refereed Journals of Other Institutions)
- IV. **The connection calcination and sulphation with the thermal behavior of chalcopyrite ore concentrate**
KIZILCA M., ÇOPUR M.
PAP-WCTIE, 2017 (Refereed Journals of Other Institutions)
- V. **An optimization study on dissolution of the calcined colemanite mineral in methyl-alcohol by CO₂ in an autoclave system using Taguchi method**
KIZILCA M., ÇOPUR M.
PAP-WCTIE, vol.5, pp.198-204, 2017 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Production of Activated Carbon from Miswak by Using Chemical Activation Method**
Kızılca Çoruh M., Aral S., Beşe A. V.
3rd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 19 - 21 September 2019, pp.420-424
- II. **Optimization of Drying Rosmarinus Officinalis Plant With Response Surface Method**
Kızılca Çoruh M., Aral S., Beşe A. V.
3rd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 19 - 21 September 2019, pp.425-430
- III. **Determination Of Pyrolysis Kinetics Of Pistachio Shell And Cranberry Seed**
BAYRAKÇEKEN H., KIZILCA ÇORUH M.
INTERNATIONAL SYMPOSIUM ON ADVANCED MATERIALS AND NANOTECHNOLOGY, Putrajaya, Malaysia, 19 - 20 August 2019, pp.111-112
- IV. **INVESTIGATION OF PYROLYSIS KINETICS OF NON-ISOTHERMAL CONDITIONS FROM BIOMASS SEEDS**
KIZILCA ÇORUH M., BAYRAKÇEKEN H.
MAS INTERNATIONAL CONFERENCE ON MATHEMATICS-ENGINEERING-NATURAL&MEDICAL SCIENCES-V, Erzurum, Turkey, 2 - 05 May 2019, pp.352-361
- V. **A statistical analysis of the dissolution of colemanite in CO₂ and SO₂- water systems using Minitab software: A Taguchi Approach**
KURDAL E., EKİNCİ Z., KIZILCA M.
IAREC, 16 - 18 November 2017
- VI. **The Connection Calcination and Sulphation With The Thermal Behavior of Chalcopyrite Ore Concentrate**

KIZILCA M., ÇOPUR M.

ISTANBUL UNIVERSITY 2nd WORLD CONFERENCE ON TECHNOLOGY, INNOVATION AND ENTREPRENEURSHIP, 12 - 07 May 2017

- VII. **An Optimization Study on Dissolution of The Calcined Colemanite Mineral In Methyl Alcohol By Co₂ In An Autoclave System Using Taguchi Method**

KIZILCA M., ÇOPUR M.

ISTANBUL UNIVERSITY 2nd WORLD CONFERENCE ON TECHNOLOGY, INNOVATION AND ENTREPRENEURSHIP, 12 - 14 May 2017

- VIII. **OPTIMIZATION OF THE DISSOLUTION OF COLEMANİTE MINERAL IN METHANOL AT HIGH TEMPERATURES AND HIGH PRESSURES**

KIZILCA M., ÇOPUR M.

Internatioanal Conference on Computer Applications in the minerals Industries, 5 - 07 October 2016

- IX. **STRUCTURAL CHARACTERIZATION AND THE THERMAL DECOMPOSITION KINETICS OF CHALCOPYRITE ORE CONCENTRATE APPLICATION OF NON ISOTHERMAL MODELS**

KIZILCA M., ÇOPUR M.

international Conference on Computer Applications in the Minerals Industries, 5 - 07 October 2016

- X. **YÜKSEK BASINÇ VE YÜKSEK SICAKLIKTA METANOL DE KOLEMANİT MİNERALİNİN CO₂ İLE ÇÖZÜNMESİNİN OPTİMİZASYONU**

KIZILCA M., ÇOPUR M.

UKMK 2016, Turkey, 23 - 26 August 2016

- XI. **Kolemanitin Yüksek Basınçlı Reaktörde Metanollü Ortamda CO₂ ile Çözündürülmesinin Optimizasyonu**

KIZILCA M., ÇOPUR M., MMUHTAR K.

11.Ulusal Kimya Mühendisliği Kongresi, 2 - 05 September 2014

- XII. **Kavrulmuş Kalkopiritin SO₂ ile Doyurulmuş Sulu Çözeltilerdeki Çözünme Kinetiği**

KIZILCA M., ÇOPUR M., MMUHTAR K.

KONGRE, Turkey, 3 - 06 September 2012

- XIII. **Kalkopiritin Termal Bozunma Mekanizması**

KIZILCA M., ÇOPUR M., MMUHTAR K.

25.ULUSLARARASI KATILIMLI ULUSAL KİMYA KONGRESİ, Erzurum, Turkey, 27 June - 02 July 2011

- XIV. **Kalkopiritin Kavrulması**

KIZILCA M., ÇOPUR M., MMUHTAR K.

ULUSAL KİMYA MÜHENDİSLİĞİ KONGRESİ, İstanbul, Turkey, 22 - 25 June 2010

- XV. **Determination of the optimum conditions of roasting and dissolution of chalcopryrite**

KIZILCA M., ÇOPUR M., MMUHTAR K.

BALKANMINE 2009, İzmir, Turkey, 1 - 03 October 2009, pp.231-242

Expert Reports

- I. **Ağır intihal endişesi**

BAYRAKÇEKEN YURTCAN A., KIZILCA ÇORUH M., KANCA A.

Konya Teknik Üniversitesi, pp.6, Konya, 2019

Invited Congress and Symposium Activities

İAREC, Moderator, Osmaniye, Turkey, 2017

Citations

Total Citations (WOS):20

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