Prof. ÇETİN KANTAR

Personal Information

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Education Information

Doctorate, Colorado School of Mines, Environmental Science And Engineering Division, United States Of America 1997 - 2001
Postgraduate, Colorado School of Mines, Materials Science And Engineering Department, United States Of America 1995 - 1996
Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Mining Engineering, Turkey 1988 - 1993

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, The role of citric acid in the transport of U(VI) through saturated porous media: The application of surface chemical models to transport simulations of bench-scale experiments , Colorado School of Mines, Environmental Science And Engineering Division, 2001

Research Areas

Environmental Engineering, Environmental Sciences, Environmental Chemistry, Environmental Technology, Contaminated Sites and Remediation, Water Pollution and Control, Soil and Groundwater Pollution and Control, Engineering and Technology

Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Çevre Mühendisliği, 2015 - Continues
Associate Professor, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Çevre Mühendisliği, 2011 - 2015

Associate Professor, Mersin University, Faculty Of Engıneerıng, Çevre Mühendisliği, 2010 - 2011
Assistant Professor, Mersin University, Faculty Of Engıneerıng, Çevre Mühendisliği, 2005 - 2010
Research Assistant PhD, Mersin University, Faculty Of Engıneerıng, Çevre Mühendisliği, 2003 - 2005
Assistant Professor, Colorado School of Mines, Engineering, Environmental Science And Engineering, 2004 - 2004
Research Assistant PhD, Colorado School of Mines, Engineering, Environmental Science And Engineering, 2001 - 2002

Academic and Administrative Experience

Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Çevre Mühendisliği, 2015 - Continues
Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Çevre Mühendisliği, 2011 - Continues
Fakülte Yönetim Kurulu Üyesi, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Çevre Mühendisliği, 2015 - 2021
Canakkale Onsekiz Mart University, Çan Uygulamalı Bilimler Fakültesi, 2015 - 2019
Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, 2012 - 2015

Courses

Toprak/Su Arafazı kimyası, Postgraduate, 2014 - 2015
Bitirme Ödevi 1, Undergraduate, 2014 - 2015
Uzmanlık Alan Dersi, Postgraduate, 2015 - 2016, 2014 - 2015
Seminer, Postgraduate, 2014 - 2015
Toprak ve Yeraltısuyu Kirliliği, Undergraduate, 2015 - 2016
Soil and Groundwater Pollution, Undergraduate, 2015 - 2016
Bitirme Ödevi, Undergraduate, 2015 - 2016
İçme Sularının Arıtılması, Undergraduate, 2014 - 2015
Kirlenmiş Sahaların Islahı, Postgraduate, 2015 - 2016

Advising Theses

KANTAR Ç., Geçirgen reaktif bariyerlerde su sertliği ve hümik maddelerin pirit ile krom (VI) arıtımına etkisi, Postgraduate, M.Samet(Student), 2015
KANTAR Ç., Değişen kimyasal koşullar altında pirit minerali ile krom(VI) indirgenme reaksiyonuna EDTA ve sitrat ligandlarının etkisi: Reaksiyon mekanizmasının tespiti ve kinetik modelleme, Postgraduate, C.Arı(Student), 2014
KANTAR Ç., Pirit ile Cr(VI) arıtımına sitrik asidin etkisi" Mersin Üniversitesi Fen Bilimleri Enstitüsü, Postgraduate, Z.Görkem(Student), 2010
KANTAR Ç., Galakturonik ve glukuronik asitlerin, kromun toprak yüzeyine adsorpsiyonuna etkilerinin araştırılması, Postgraduate, Z.Çetin(Student), 2008
KANTAR Ç., Fosfat ve sitrat ligandlarının kadmiyumun tarım topraklarında adsorpsiyonuna ve taşınımına etkilerinin araştırılması, Postgraduate, G.İkizoğlu(Student), 2008
KANTAR Ç., Kromun toprak yüzeyine adsorpsiyonuna Pseudomonas bakterilerinden izole edilen ekzopolimerik maddenin (EPS) etkilerinin araştırılması, Postgraduate, H.Demiray(Student), 2008

Jury Memberships

Doctorate, Tez savunma jürisi, Mersin Üniversitesi, June, 2013
Post Graduate, Tez savunma jürisi, Çanakkale Onsekiz Mart Üniversitesi, June, 2012
Post Graduate, Tez savunma jürisi, Çanakkale Onsekiz Mart Üniversitesi, January, 2012
Post Graduate, Tez savunma jürisi, Çanakkale Onsekiz Mart Üniversitesi, December, 2011

Post Graduate, Tez savunma jürisi, Mersin Üniversitesi, November, 2010
Doctorate, Tez savunma jürisi, Mersin Üniversitesi, December, 2009
Post Graduate, Tez savunma jürisi, Mersin Üniversitesi, September, 2009
Post Graduate, Tez savunma jürisi, Mersin Üniversitesi, May, 2009
Doctorate, Tez savunma jürisi, Mersin Üniversitesi, March, 2009
Post Graduate, Tez savunma jürisi, Mersin Üniversitesi, June, 2008
Post Graduate, Tez savunma jürisi, Mersin Üniversitesi, June, 2007
Post Graduate, Tez savunma jürisi, Mersin Üniversitesi, June, 2007

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Influence of pyrite on oxidative treatment of diclofenac with zero-valent iron/H2O2 system coupled with chemical precipitation under controlled and uncontrolled pH conditions**
Oral O., KANTAR Ç., YILDIZ İ.
Journal of Cleaner Production, vol.438, 2024 (SCI-Expanded)

II. **Role of reactor type on Cr(VI) removal by zero-valent iron in the presence of pyrite: Batch versus sequential batch reactors**
Oral O., Yigit A., KANTAR Ç.
Journal of Environmental Management, vol.320, 2022 (SCI-Expanded)

III. **Comparison of treatability of four different chlorophenol-containing wastewater by pyrite-Fenton process combined with aerobic biodegradation: Role of sludge acclimation**
Kayan I., Oz N., KANTAR Ç.
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.279, 2021 (SCI-Expanded)

IV. **Coupling Pyrite-Fenton Process with Aerobic Biodegradation for the Treatment of 2-Chlorophenol**
Kayan I., Oz N., KANTAR Ç.
WATER AIR AND SOIL POLLUTION, vol.231, no.9, 2020 (SCI-Expanded)

V. **Ligand enhanced pharmaceutical wastewater treatment with Fenton process using pyrite as the catalyst: Column experiments**
KANTAR Ç., ORAL O., AYMAN ÖZ N.
CHEMOSPHERE, vol.237, 2019 (SCI-Expanded)

VI. **Role of complexing agents on oxidative degradation of chlorophenolic compounds by pyrite-Fenton process: Batch and column experiments**
KANTAR Ç., ORAL O., ÜRKEN O., AYMAN ÖZ N.
JOURNAL OF HAZARDOUS MATERIALS, vol.373, pp.160-167, 2019 (SCI-Expanded)

VII. **Isolation and characterization of diethyl phthalate degrading bacteria from crude oil contaminated soil**
Cevik P. K., Eroglu A. B., Yildizli G., Cosan D., KANTAR Ç., Coral G.
JOURNAL OF ENVIRONMENTAL BIOLOGY, vol.40, no.3, pp.275-282, 2019 (SCI-Expanded)

VIII. **Diclofenac removal by pyrite-Fenton process: Performance in batch and fixed-bed continuous flow systems**
ORAL O., KANTAR Ç.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.664, pp.817-823, 2019 (SCI-Expanded)

IX. **Oxidative degradation of chlorophenolic compounds with pyrite-Fenton process**
KANTAR Ç., ORAL O., URKEN O., AYMAN ÖZ N., KESKIN S.
ENVIRONMENTAL POLLUTION, vol.247, pp.349-361, 2019 (SCI-Expanded)

X. **Role of Humic Substances on Cr(VI) Removal from Groundwater with Pyrite**
KANTAR Ç., Bülbül M. S., Keskin S.
WATER AIR AND SOIL POLLUTION, vol.228, no.1, 2017 (SCI-Expanded)

XI. **Role of low molecular weight organic acids on pyrite dissolution in aqueous systems: implications for catalytic chromium (VI) treatment**

KANTAR Ç.
WATER SCIENCE AND TECHNOLOGY, vol.74, no.1, pp.99-109, 2016 (SCI-Expanded)

XII. **Role of Major Groundwater Ions on Reductive Cr(VI) Immobilization in Subsurface Systems with Pyrite**
Bülbül M. S., KANTAR Ç., KESKIN S.
WATER AIR AND SOIL POLLUTION, vol.227, no.3, 2016 (SCI-Expanded)

XIII. **Effect of pH-buffering on Cr(VI) reduction with pyrite in the presence of various organic acids: Continuous-flow experiments**
KANTAR Ç., Bülbül M. S.
CHEMICAL ENGINEERING JOURNAL, vol.287, pp.173-180, 2016 (SCI-Expanded)

XIV. **Reductive Immobilization of Chromium in Soils Containing Heterogeneous Fe-Bearing Minerals**
Dogaroglu Z. G., KANTAR Ç.
SOIL & SEDIMENT CONTAMINATION, vol.25, no.8, pp.857-867, 2016 (SCI-Expanded)

XV. **Comparison of different chelating agents to enhance reductive Cr(VI) removal by pyrite treatment procedure**
KANTAR Ç., ARI C., KESKIN S.
WATER RESEARCH, vol.76, pp.66-75, 2015 (SCI-Expanded)

XVI. **Cr(VI) removal from aqueous systems using pyrite as the reducing agent: Batch, spectroscopic and column experiments**
KANTAR Ç., ARI C., KESKIN S., Dogaroglu Z. G., Karadeniz A., ALTEN A.
JOURNAL OF CONTAMINANT HYDROLOGY, vol.174, pp.28-38, 2015 (SCI-Expanded)

XVII. **Effects of water hardness and humic substances on Cr(VI) removal from aqueous systems using pyrite as the reducing agent**
KANTAR Ç., Bulbul M.
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.249, 2015 (SCI-Expanded)

XVIII. **Biodegradation of 2,4-dinitrotoluene (DNT) by Arthrobacter sp K1 isolated from a crude oil contaminated soil**
Kuce P., ÇORAL G., KANTAR Ç.
ANNALS OF MICROBIOLOGY, vol.65, no.1, pp.467-476, 2015 (SCI-Expanded)

XIX. **Heavy Metal Accumulation in Serpentine Flora of Mersin-Findikpinari (Turkey) - Role of Ethylenediamine Tetraacetic Acid in Facilitating Extraction of Nickel**
KÖLELİ N., DEMİR A., KANTAR Ç., Atag G. A., Kusvuran K., BİNZET R.
SOIL REMEDIATION AND PLANTS: PROSPECTS AND CHALLENGES, pp.629-659, 2015 (SCI-Expanded)

XX. **Effect of Chromium and Organic Acids on Microbial Growth and Exopolymeric Substance Production by Pseudomonas Bacteria**
Dogan N. M., KANTAR Ç., Dogan G.
CLEAN-SOIL AIR WATER, vol.42, no.5, pp.674-681, 2014 (SCI-Expanded)

XXI. **Effect of exopolymeric substances on the kinetics of sorption and desorption of trivalent chromium in soil**
KANTAR Ç., Demir A., Koleli N.
CHEMICAL PAPERS, vol.68, no.1, pp.112-120, 2014 (SCI-Expanded)

XXII. **Preparation of Poly(Humic Acid) Particles and Their Use in Toxic Organo-Phenolic Compound Removal from Aqueous Environments**
Sağbaş S., KANTAR Ç., ŞAHİNER N.
WATER AIR AND SOIL POLLUTION, vol.225, no.1, 2014 (SCI-Expanded)

XXIII. **Role of microbial exopolymeric substances (EPS) on chromium sorption and transport in heterogeneous subsurface soils: I. Cr(III) complexation with EPS in aqueous solution**
Kantar C., Demiray H., Dogan N. M., DODGE C. J.
CHEMOSPHERE, vol.82, no.10, pp.1489-1495, 2011 (SCI-Expanded)

XXIV. **Role of microbial exopolymeric substances (EPS) on chromium sorption and transport in heterogeneous subsurface soils: II. Binding of Cr(III) in EPS/soil system**

Kantar C., Demiray H., Dogan N. M.
CHEMOSPHERE, vol.82, no.10, pp.1496-1505, 2011 (SCI-Expanded)

XXV. **Chromium(VI) Bioremoval by Pseudomonas Bacteria: Role of Microbial Exudates for Natural Attenuation and Biotreatment of Cr(VI) Contamination**
Dogan N. M., Kantar C., Gulcan S., DODGE C. J., Yimaz B. C., Mazmanci M. A.
ENVIRONMENTAL SCIENCE & TECHNOLOGY, vol.45, no.6, pp.2278-2285, 2011 (SCI-Expanded)

XXVI. **Modeling Cd(II) adsorption to heterogeneous subsurface soils in the presence of citric acid using a semi-empirical surface complexation approach**
Kantar C., Ikizoglu G., Koleli N., Kaya O.
JOURNAL OF CONTAMINANT HYDROLOGY, vol.110, pp.100-109, 2009 (SCI-Expanded)

XXVII. **INTERACTIONS BETWEEN URONIC ACIDS AND CHROMIUM(III)**
Cetin Z., Kantar C., Alpaslan M.
ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY, vol.28, no.8, pp.1599-1608, 2009 (SCI-Expanded)

XXVIII. **In situ stabilization of chromium(VI) in polluted soils using organic ligands: The role of galacturonic, glucuronic and alginic acids**
Kantar C., Cetin Z., Demiray H.
JOURNAL OF HAZARDOUS MATERIALS, vol.159, pp.287-293, 2008 (SCI-Expanded)

XXIX. **Binding of Pu(IV) to galacturonic acid and extracellular polymeric substances (EPS) from Shewanella putrefaciens, Clostridium sp and Pseudomonas fluorescens**
Harper R. M., Kantar C., Honeyman B. D.
RADIOCHIMICA ACTA, vol.96, pp.753-762, 2008 (SCI-Expanded)

XXX. **Sorption behavior of methamidophos in a heterogeneous alluvial soil profile**
KOLELI N., DEMIR A., ARSLAN H., Kantar C.
COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, vol.301, pp.94-99, 2007 (SCI-Expanded)

XXXI. **Heterogeneous processes affecting metal ion transport in the presence of organic ligands: Reactive transport modeling**
Kantar C.
EARTH-SCIENCE REVIEWS, vol.81, pp.175-198, 2007 (SCI-Expanded)

XXXII. **Movement and adsorption of methamidophos in clay loam and sandy loam soils**
KOLELI N., Kantar C., CUVALCI U., YILMAZ H.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.86, no.15, pp.1127-1134, 2006 (SCI-Expanded)

XXXIII. **Citric acid enhanced remediation of soils contaminated with uranium by soil flushing and soil washing**
Kantar C., HONEYMAN B.
JOURNAL OF ENVIRONMENTAL ENGINEERING, vol.132, no.2, pp.247-255, 2006 (SCI-Expanded)

XXXIV. **Determination of stability constants of U(VI)-Fe(III)-citrate complexes**
KANTAR Ç., Gillow J., Harper-Arabie R., Honeyman B., Francis A.
ENVIRONMENTAL SCIENCE & TECHNOLOGY, vol.39, no.7, pp.2161-2168, 2005 (SCI-Expanded)

XXXV. **Fosfat kayası, fosforik asit ve fosforlu gübrelerdeki toksik ağır metal (Cd Pb Ni As) konsantrasyonu**
Köleli N., KANTAR Ç.
EKOLOJI, vol.14, no.55, pp.1-5, 2005 (SCI-Expanded)

XXXVI. **Plutonium (IV) complexation with citric and alginic acids at low Pu(T) concentrations**
Kantar C., HONEYMAN B.
RADIOCHIMICA ACTA, vol.93, no.12, pp.757-766, 2005 (SCI-Expanded)

XXXVII. **Comparison of two methods for determination of stability constants for metal-NOM interactions**
KANTAR Ç., Karadağlı F.
Turkish Journal of Engineering and Environmental Sciences, vol.29, no.5, pp.297-308, 2005 (SCI-Expanded)

XXXVIII. **Solution and flotation chemistry of enargite**
Kantar C.

COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, vol.210, no.1, pp.23-31, 2002 (SCI-Expanded)

Articles Published in Other Journals

I. **Yeraltı sistemlerinde metal adsorpsiyonunun ve taşınımının modellenmesi**
KANTAR Ç.
Çevre Bilim & Teknoloji, vol.2, no.2, pp.137-147, 2004 (Peer-Reviewed Journal)

II. **Alternates to gold recovery by cyanide leaching**
Kuzugüdenli Ö., KANTAR Ç.
Erciyes Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.15, pp.119-127, 1999 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Chlorophenolic Compounds and Their Transformation Products by the Heterogeneous Fenton Process: A Review**
Kantar Ç., Oral Ö.
in: Electrokinetic Remediation for Environmental Security and Sustainability, Alexandra B. Ribeiro,Majeti Narasimha Vara Prasad, Editor, John Wiley & Sons, West Sussex, UK , New York, pp.541-585, 2021

II. **Heavy Metal Accumulation in Serpentine Flora of Mersin-Findikpinari (Turkey) – Role of Ethylenediamine Tetraacetic Acid in Facilitating Extraction of Nickel**
Köleli N., Demir A., KANTAR Ç., Atağ G., Kuşvuran K., Binzet R.
in: Soil Remediation and Plants: Prospects and Challenges, Hakeem, K., Sabir, M., Ozturk, M. ve Murmet, A., Editor, Elsevier Science, Elsevier Science, Oxford/Amsterdam, Amsterdam, pp.629-659, 2015

III. **Uranium**
Sofield R., KANTAR Ç.
in: Reference Module in Earth Systems and Environmental Sciences, Scott A. Elias, Editor, Elsevier Science, Oxford/Amsterdam , Amsterdam, pp.3662-3665, 2013

IV. **Ecotoxicology: Uranium**
Harper R., KANTAR Ç.
in: Encyclopedia of Ecology, Jorgensen, S. E. ve Fath, B. , Editor, Elsevier Science, Oxford/Amsterdam , Amsterdam, pp.3662-3665, 2008

Refereed Congress / Symposium Publications in Proceedings

I. **Investigating the effect of electrode configuration on pH distribution and conductivity of soil during the Electrokinetic Remediation of multi-metalcontaminated soils**
Taneja S., Karaca Ö., Kantar Ç., Kumar Haritash A.
4th lnternational Symposium of Engineering Applications on Civil Engineering and Earth Sciences 2023 (LEACES2023), Karabük, Turkey, 31 May - 02 June 2023, pp.1

II. **Sıfır Değerli Demir-Pirit Minerali Karışımı İle Krom (VI) İle Kirli Atıksuların Arıtımı**
Yiğit A., Oral Ö., Kantar Ç.
Trakya Üniversiteler Birliği 5. Lisansüstü Öğrenci Kongresi, Balıkesir, Turkey, 4 - 05 November 2021, pp.33

III. **Treatment of Actual Wastewater from a Pharmaceutical Industry with Modified Pyrite-Fenton Process**
KANTAR Ç., Oral O., AYMAN ÖZ N.
XVI International Symposium on Electrokinetic Remediation, Çanakkale, Turkey, 6 - 08 August 2018, pp.1

IV. **Treatment of Actual Wastewater from a Pharmaceutical Industry with Modified Pyrite-Fenton**

Process
KANTAR Ç., Oral O., AYMAN ÖZ N.
XVI International Symposium on Electrokinetic Remediation, Çanakkale, Turkey, 6 - 08 August 2018, pp.1

V. **Effect of Organic Ligands on Oxidative Degradation of Chlorophenolic Compounds (CP) with Modified-Fenton Process Using Pyrite as the Catalyst**
KANTAR Ç., Oral O., AYMAN ÖZ N.
255th American Chemical Society National Meeting & Exposition, New Orleans, United States Of America, 18 - 22 March 2018, pp.1

VI. **Effects of citrate and tartrate on 2,4-dichlorophenol and 2,4,6-trichlorophenol removal in pyrite-packed columns under continuous flow conditions using heterogeneous Fenton reaction**
ORAL O., KANTAR Ç., AYMAN ÖZ N.
255th American Chemical Society National Meeting & Exposition, New Orleans, United States Of America, 18 - 22 March 2018, pp.1

VII. **Effect of Organic Ligands on Oxidative Degradation of Chlorophenolic Compounds (CP) with Modified-Fenton Process Using Pyrite as the Catalyst**
KANTAR Ç., Oral O., AYMAN ÖZ N.
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VIII. **Effects of citrate and tartrate on 2,4-dichlorophenol and 2,4,6-trichlorophenol removal in pyrite-packed columns under continuous flow conditions using heterogeneous Fenton reaction**
ORAL O., KANTAR Ç., AYMAN ÖZ N.
255th American Chemical Society National Meeting & Exposition, New Orleans, United States Of America, 18 - 22 March 2018, pp.1

IX. **Effects of citrate and tartrate on 2,4-dichlorophenol and 2,4,6-trichlorophenol removal in pyrite-packed columns under continuous flow conditions using heterogeneous Fenton reaction**
Oral O., KANTAR Ç., AYMAN ÖZ N.
255th National Meeting and Exposition of the American-Chemical-Society (ACS) - Nexus of Food, Energy, and Water, Louisiana, United States Of America, 18 - 22 March 2018, vol.255

X. **Effect of organic ligands on oxidative degradation of chlorophenolic compounds (CP) with modified-Fenton process using pyrite as the catalyst**
KANTAR Ç., Oral O., AYMAN ÖZ N.
255th National Meeting and Exposition of the American-Chemical-Society (ACS) - Nexus of Food, Energy, and Water, Louisiana, United States Of America, 18 - 22 March 2018, vol.255

XI. **Reaction mechanisms associated with oxidative chlorophenol degradation by modified Fenton process using pyrite as the catalyst**
ÖRAL Ö., ÜRKEN Ö., KANTAR Ç., KAPLAN İ., AYMAN ÖZ N.
European Geolgical Union (EGU) General Assembly, 23 - 28 April 2017, vol.19

XII. **Toxicity and binding of chlorophenolic compounds onto biomass derived from aerobic and anaerobic sludge**
KAPLAN İ., AYMAN ÖZ N., KANTAR Ç.
European Geolgical Union (EGU) General Assembly, 23 - 28 April 2017, vol.19

XIII. **Oxidative degradation of chlorophenolic compounds with modified-Fenton process using pyrite as the catalyst**
KANTAR Ç., ÜRKEN Ö., ÖRAL Ö., KAPLAN İ., AYMAN ÖZ N.
European Geolgical Union (EGU) General Assembly, 23 - 28 April 2017, vol.19

XIV. **The effects of water hardness and humic substances on Cr(VI) removal from aqueous systems using pyrite as the reducing agent**
KANTAR Ç., Bülbül M. S.
249th American Chemical Society National Meeting & Exhibition, Denver, United States Of America, 22 - 26 March 2015, pp.103

XV. **Organic Ligand Enhanced Cr(VI) Treatment in Pyrite Permeable Reactive Barriers**

KANTAR Ç., Arı C., Bülbül M. S.
European Geosciences Union General Assembly 2014, Viyana, Austria, 26 April - 02 May 2014, vol.16, pp.1101-1103

XVI. **In situ remediation of Cr(VI)-contaminated groundwater using permeable reactive barriers packed with pyrite: Role of solution chemistry and particle properties**
KANTAR Ç., Arı C., Gürel D. E.
International Porous and Powder Materials Symposium & Exhibition, İzmir, Turkey, 3 - 06 September 2013, pp.302

XVII. **Effects of low molecular weight organic acids and Cr(VI) on Fe/Cr solubility and electrophoretic properties of pyrite**
KANTAR Ç., Arı C., Karadeniz A.
245th American Chemical Society Symposium and Exhibition, New Orleans, United States Of America, 7 - 13 April 2013, pp.350

XVIII. **Role of citric acid on reduction and immobilization of chromium (VI) by pyrite under variable chemical conditions**
KANTAR Ç., Karadeniz A., Arı C., Doğaroğlu Z. G., Keskin S.
245th American Chemical Society Symposium and Exhibition, New Orleans, United States Of America, 7 - 13 April 2013, pp.223

XIX. **Humic acid particles: Synthesis and characterization**
Sağbaş S., KANTAR Ç., ŞAHİNER N.
245th American Chemical Society Symposium and Exhibition, New Orleans, United States Of America, 7 - 13 April 2013, pp.235

XX. **Effects of low molecular weight organic acids and Cr(VI) on Fe/Cr solubility and electrophoretic properties of pyrite**
KANTAR Ç., Ari C., Karadeniz A.
245th National Spring Meeting of the American-Chemical-Society (ACS), Louisiana, United States Of America, 7 - 11 April 2013, vol.245

XXI. **Role of citric acid on reduction and immobilization of chromium (VI) by pyrite under variable chemical conditions**
KANTAR Ç., Karadeniz A., Ari C., Dogaroglu Z. G., Keskin S.
245th National Spring Meeting of the American-Chemical-Society (ACS), Louisiana, United States Of America, 7 - 11 April 2013, vol.245

XXII. **Microbial Mobilization and immobilization of chromium in heterogeneous subsurface soils**
KANTAR Ç., Mercan N., ÇETİNER S. Z.
Geological Society of America (GSA), GSA 2010 Conference, Denver, United States Of America, 31 October - 03 November 2010, pp.125

XXIII. **Doğal organik asitlerin krom (III) çözünürlüğüne etkilerinin araştırılması**
KANTAR Ç., Halisdemir B., Görkem Z.
ÇMO 8. Ulusal Çevre Mühendisliği Kongresi, Antalya, Turkey, 12 - 14 November 2009, pp.331-343

XXIV. **Modeling the influence of exopolymeric substances (EPS) extracted from Pseudomonas bacteria on chromium (III) sorption and transport in heterogeneous subsurface soils**
KANTAR Ç., Demiray H., Köleli N., Mercan N.
European Geosciences Union (EGU) General Assembly 2009 Conference, Viyana, Austria, 19 - 24 April 2009, vol.11, pp.2840

XXV. **Biogeochemistry of plutonium transport**
Honeyman B., Tinnacher R., Diaz A., KANTAR Ç., Sofield R., Gillow J.
237th American Chemical Society Conference, Division of Geochemistry, Salt Lake City, United States Of America, 22 - 26 March 2009, pp.87

XXVI. **Mersin-Fındıkpınarı topraklarının ağır metal içeriği**
Köleli N., Atağ G., Kuşvuran K., KANTAR Ç., Demir A., Seyhanlı İ.
Mersin Sempozyumu 2008, Mersin, Turkey, 19 - 24 November 2008, pp.160-170

XXVII. **Mersin Fındıkpınarı'nda metal hiperakümülatörü bitkilerin araştırılması**

Köleli N., Atağ G., Kuşvuran K., KANTAR Ç., Demir A., Eke M.
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XXVIII. **Role of microbial exopolymeric substances from Pseudomonas aeruginosa P16 and Pseudomonas putida P18 on chromium speciation and sorption to heterogeneous soil surfaces**
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XXIX. **Pseudomonas putida ve P. aeruginosa'da krom (VI) indirgemesi**
KANTAR Ç., Mercan N.
XV. Ulusal Biyoteknoloji Kongresi, Antalya, Turkey, 28 - 31 October 2007, pp.121

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Supported Projects

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KANTAR Ç., ORAL Ö., Project Supported by Higher Education Institutions, Atıksuların Sıfır Değerli Demir-Fenton Prosesi ile Arıtımında Pirit Mineralinin Asit Düzenleyici ve Katalizör Etkinliğinin Araştırılması, 2022 - Continues

AYMAN ÖZ N., KANTAR Ç., TUBITAK Project, Ardışık Modifiye Pirit-Fenton ve Biyolojik Arıtım Sistemleri ile Klorlu Fenol Bileşiklerinin Arıtımı, 2015 - Continues

Kantar Ç., Mercan Doğan N., Arslan Ş., Yıldız İ., TUBITAK Project, Dogada Kalıcı ve Mobil Toksik Maddeleri Ihtiva Eden Atıksuların Sıfır Degerli Demir- Fenton Arıtım Yöntemiyle Arıtımında Cevher Hazırlama Flotasyon Tesisi Pirit Konsantresinin Asit Düzenleyici ve Katalizör Etkinliginin Arastırılması, 2022 - 2024

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KANTAR Ç., CAN C., AYYILDIZ Ö., ALTEN A., İLERİ B., ORAK E., MENTEŞE S., AYMAN ÖZ N., Project Supported by Higher Education Institutions, Çanakkale Boğazı Kıyı Sularının Fiziksel Kimyasal ve Mikrobiyolojik Kirliliği ile Hava Kalitesinin Araştırılması, 2017 - 2019
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KANTAR Ç., TUBITAK Project, Krom (VI) ile kirlenmiş atıksu ve yeraltı sularının pirit ile arıtılmasına yönelik yeni bir yöntem, 2011 - 2014
KANTAR Ç., TUBITAK Project, Yeraltı sistemlerinde krom bileşiklerinin biyokimyasal döngüsü ve krom ile kirli toprakların biyoremediasyonu için optimum koşulların belirlenmesi, 2006 - 2009

Activities in Scientific Journals

AIMS Environmental Science, Committee Member, 2017 - Continues

Metrics

Publication: 82
Citation (WoS): 893
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Awards

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Non Academic Experience

Çanakkale Onsekiz Mart Üniversitesi
Mersin Üniversitesi
Colorado School of Mines
Mersin Üniversitesi
Colorado School of Mines
Colorado School of Mines
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