

## Prof. Emin Çiftçi

### Personal Information

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### International Researcher IDs

ORCID: 0000-0003-2839-2547

ScopusID: 8590510200

Yoksis Researcher ID: 29479

### Education Information

Postgraduate, University of Missouri-Rolla, Department Of Ceramic Engineering, United States Of America 1998 - 2000

Doctorate, University of Missouri-Rolla, Economic Geology-Geochemistry, United States Of America 1996 - 2000

Postgraduate, University of Missouri-Rolla, Department Of Geology, United States Of America 1994 - 1996

Postgraduate, Karadeniz Technical University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 1991 - 1993

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 1987 - 1991

### Foreign Languages

English

### Dissertations

Postgraduate, HYDROTHERMAL SYNTHESIS OF BARIUM TITANATE PARTICLES AND HETEROEPITAXIAL THIN FILMS, University Of Missouri-Rolla, Department Of Ceramic Engineering, 1993

Postgraduate, Killik (Espiye-Giresun) polimetallik cevherleşmesi üzerindeki topraklarda Pb-As jeokimyası ile hedef saptanmasının uygulanması, Karadeniz Teknik Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 1993

### Research Areas

Technical Sciences, Geological Engineering, Ore Deposits-Geochemistry, Energy Resources, Petroleum Geology, Mineralogy-petrography

### Academic Titles / Tasks

Professor, Istanbul Technical University, Maden Fakültesi, Jeoloji Bölümü, 2017 - Continues

Associate Professor, Istanbul Technical University, Maden Fakültesi, Jeoloji Mühendisliği Bölümü, 2011 - Continues

Assistant Professor, Istanbul Technical University, Maden Fakültesi, Jeoloji Mühendisliği Bölümü, 2009 - 2011

Assistant Professor, Niğde Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2001 - 2009

## Academic and Administrative Experience

İstanbul Teknik Üniversitesi, Maden Fakültesi, Jeoloji Mühendisliği Bölümü, 2014 - Continues

## Courses

MİNING EXPLORATION, Undergraduate, 2016 - 2017, 2015 - 2016  
INDUSTRIAL MINERALS, Undergraduate, 2016 - 2017, 2015 - 2016  
ORE DEPOSITS RELATED TO PLATE TECTONICS, Doctorate, 2016 - 2017  
MATERIALS SCIENCE, Undergraduate, 2016 - 2017, 2015 - 2016

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Mineralogy, geochemistry, fluid inclusion, and stable sulfur isotope investigation of the Terziali shear-related orogenic gold deposit (Central Anatolia, Turkey): implications for ore genesis and mineral exploration**  
Sapanci O., KÖPRÜBAŞI N., Çiftçi E., KÖPRÜBAŞI N., Tokat G., DEMİR Y.  
ARABIAN JOURNAL OF GEOSCIENCES, vol.15, no.1, 2022 (SCI-Expanded)
- II. **Geology, geochemistry and Re-Os geochronology of the Jurassic Zeybek volcanogenic massive sulfide deposit (Central Pontides, Turkey)**  
Gunay K., Donmez C., Oyan V., Baran C., Çiftçi E., PARLAK O., Yildirim N., Deng X., Li C., YILDIRIM E., et al.  
ORE GEOLOGY REVIEWS, vol.111, 2019 (SCI-Expanded)
- III. **STUDY OF INSECTICIDAL AND BEHAVIORAL EFFECTS AND SOME CHARACTERISTIC OF NATIVE DIATOMACEOUS EARTH AGAINST THE BEAN WEEVIL, ACANTHOSCELIDES OBTECTUS (COLEOPTERA: CHRYSOMELIDAE)**  
Alkani M., Erturk S., Firat T. A., Çiftçi E.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.4, pp.2916-2922, 2019 (SCI-Expanded)
- IV. **Geology and geochemistry of sediment-hosted Hanonu massive sulfide deposit (Kastamonu - Turkey)**  
Gunay K., Donmez C., Oyan V., Yildirim N., Çiftçi E., Yildiz H., Ozkumus S.  
ORE GEOLOGY REVIEWS, vol.101, pp.652-674, 2018 (SCI-Expanded)
- V. **Mineralogy-induced radiological aspects with characterization of commercial granites exploited in Turkey**  
Angi O. S., Yavuz Ö., YALÇIN T., Çiftçi E.  
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.76, no.2, pp.507-522, 2017 (SCI-Expanded)
- VI. **Assessment of acid mine drainage potential of flotation slurry from a tailing dam in a copper mine, Murgul, Northeastern Turkey**  
YOLCUBAL İ., Demiray A. D., Çiftçi E.  
Environmental Earth Sciences, vol.76, no.3, 2017 (SCI-Expanded)
- VII. **Environmental impact of mining activities on surface water and sediment qualities around Murgul copper mine, Northeastern Turkey**  
Yolcubal İ., Demiray A. D., Çiftçi E., Sangu E.  
ENVIRONMENTAL EARTH SCIENCES, vol.75, no.21, 2016 (SCI-Expanded)
- VIII. **Geogenic arsenic anomalies in soils and stream waters of Neogene Emet basin Kutahya Western Turkey**  
ÖZKUL C., Çiftçi E., KÖPRÜBAŞI N., TOKEL S., Savaş M.  
ENVIRONMENTAL EARTH SCIENCES, vol.0, 2015 (SCI-Expanded)
- IX. **Comparative geochemical study of soils developed on characteristic black and yellow polymetallic massive sulfide deposits in Eastern Pontides (NE Turkey)**

KÖPRÜBAŞI N., Çiftçi E., Cordan S., KÖPRÜBAŞI N., ÖZKUL C., Sisman Tuskel F.

TURKISH JOURNAL OF EARTH SCIENCES, vol.23, no.2, pp.129-146, 2014 (SCI-Expanded)

- X. **Comparative geochemical study of soils developed on characteristic black and yellow polymetallic massive sulfide deposits in Eastern Pontides NE Turkey**  
KÖPRÜBAŞI N., Çiftçi E., Cordan S., KÖPRÜBAŞI N., ÖZKUL C., Tükel F. Ş.  
Turkish Journal of Earth Sciences, vol.0, 2014 (SCI-Expanded)
- XI. **Alteration of glassy volcanic rocks to Na and Ca smectites in the Neogene basin of Manisa western Anatolia Turkey**  
ÇİFLİKLİ M., Çiftçi E., BAYHAN H.  
CLAY MINERALS, vol.0, 2013 (SCI-Expanded)
- XII. **Sphalerite Associated with Pyrrhotite Chalcopyrite Ore Occurring in the Kotana Fe Skarn Deposit Giresun NE Turkey Exsolution or Replacement**  
Çiftçi E.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.0, 2011 (SCI-Expanded)
- XIII. **The clay minerals observed in the building stones of Aksaray Guzelyurt area Central Anatolia Turkey and their effects**  
DAVARCIOĞLU B., Çiftçi E.  
INTERNATIONAL JOURNAL OF PHYSICAL SCIENCES, vol.0, 2010 (SCI-Expanded)
- XIV. **Mercurian sphalerite from Akoluk deposit Ordu NE Turkey Hg as a cathodoluminescence activator**  
Çiftçi E.  
MINERALOGICAL MAGAZINE, vol.0, 2009 (SCI-Expanded)
- XV. **Natrolite an unusual rock Occurrence and petrographic and geochemical characteristics eastern Turkey**  
Çiftçi E., Hogan J. P., KOLAYLI H.  
CLAYS AND CLAY MINERALS, vol.0, 2008 (SCI-Expanded)
- XVI. **Iodine concentrations of soils near Trabzon Turkey a region of endemic goiter**  
Çiftçi E., Sevkethbeyoglu E. T., Tokel S.  
ENVIRONMENTAL GEOLOGY, vol.0, 2007 (SCI-Expanded)
- XVII. **Sedimentological characteristics of the Cukurbag formation deposited along the Ecemis Fault Zone Central Anatolia Turkey**  
GÜREL A., Çiftçi E., KEREY İ. E.  
JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA, vol.0, 2007 (SCI-Expanded)
- XVIII. **EPR study of radicals produced by gamma irradiation in marine mollusc Venus sp fossils**  
KÖSEOĞLU R., Köksal F., Çiftçi E.  
RADIATION EFFECTS AND DEFECTS IN SOLIDS, vol.0, 2006 (SCI-Expanded)
- XIX. **Lead arsenic soil geochemical study as an exploration guide over the Killik volcanogenic massive sulfide deposit Northeastern Turkey**  
Çiftçi E., KOLAYLI H., TOKEL S.  
JOURNAL OF GEOCHEMICAL EXPLORATION, vol.0, 2005 (SCI-Expanded)
- XX. **Identification of paramagnetic radicals in gamma irradiated natural diatomite minerals by electron paramagnetic resonance**  
KÖSEOĞLU R., Köksal F., Çiftçi E.  
JOURNAL OF MOLECULAR STRUCTURE, vol.0, 2005 (SCI-Expanded)
- XXI. **Hydrothermal deposition and characterization of heteroepitaxial BaTiO<sub>3</sub> films on SrTiO<sub>3</sub> and LaAlO<sub>3</sub> single crystals**  
Çiftçi E., Rahaman M., Blum F.  
JOURNAL OF MATERIALS SCIENCE, vol.0, 2002 (SCI-Expanded)
- XXII. **Hydrothermal precipitation and characterization of nanocrystalline BaTiO<sub>3</sub> particles**  
Çiftçi E., Rahaman M. N., Shumsky M.  
JOURNAL OF MATERIALS SCIENCE, vol.0, 2001 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The relationship of soils developed on different parent materials in Nigde province with lithological units and determination of their suitability for usage agricultural purposes**

Torunlar H., Lermi A., Çiftçi E.

BULLETIN OF THE MINERAL RESEARCH AND EXPLORATION, vol.163, pp.141-165, 2020 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **REE-Th enrichments of the Isparta Triangle, Southwestern Turkey.**  
KIRIKOĞLU M. S., ÇİFTÇİ E., BUDAKOĞLU M., ÜNLÜER A. T., DÖNER Z., KURŞUN İ., KOCATÜRK H.  
15th Quadrennial International Association on the Genesis of Ore Deposits Symposium, Salta, Argentina, 28 - 31 August 2018
- II. **Mantle derived potassic and ultra potassic rocks with enrichments of Rare Earth Elements REE on peneplains of Golcuk District Southern Turkey**  
KIRIKOĞLU M. S., KOCATÜRK H., ÜNLÜER A. T., BUDAKOĞLU M., DÖNER Z., ABDELNASSER A., ÇİFTÇİ E.  
35. International Geological Congress, Cape-Town, South Africa, 26 August - 04 September 2016
- III. **STUDY OF RARE EARTH ELEMENTS REE POTENTIALS IN RESIDUAL FORMATIONS OCCURRING AT BUCAK REGION ISPARTA SOUTHWEST TURKEY**  
KIRIKOĞLU M. S., ÜNLÜER A. T., KOCATÜRK H., ÇİFTÇİ E., DÖNER Z., BUDAKOĞLU M.  
7th Geochemistry Symposium, Antalya, Turkey, 16 - 18 May 2016
- IV. **Process Mineralogical Approach towards beneficiation of REE bearing Kızılcaören Fluorite Barite Mineralization Eskişehir Western Turkey**  
KIRIKOĞLU M. S., ÇİFTÇİ E.  
ICAM 2015 12th International Congress for Applied Mineralogy, İstanbul, Turkey, 10 - 12 August 2015, pp.17
- V. **Mineralogy of REE bearing Kızılcaören Carbonatitic Fluorite Barite Mineralization Eskişehir Western Turkey**  
KIRIKOĞLU M. S., ÇİFTÇİ E.  
ICAM 12th International Congress for Applied Mineralogy, İstanbul, Turkey, 10 - 12 August 2015, pp.17
- VI. **A mineralogical approach on refractory gold ore processing**  
BENLİ B., ÖZSOY Y., ÇİFTÇİ E., ARSLAN F.  
12th International Congress for Applied Mineralogy, 10 - 12 August 2015
- VII. **What can be achieved from cathodoluminescence microscopy study on gem cut diamonds**  
Feyza K., ÇİFTÇİ E., KIRIKOĞLU M. S.  
ICAM 12th International Congress for Applied Mineralogy, İstanbul, Turkey, 10 - 12 August 2015, pp.16
- VIII. **Application of Biooxidation prior to Cyanidation Case Study Turkish Sulfidic Gold Bearing Ores**  
ÖZSOY Y., BENLİ B., ÇİFTÇİ E., ARSLAN F.  
Proceedings of XVI Balkan Mineral Processing Congress, 17 - 19 June 2015
- IX. **Ore Mineral Textures of Late Cretaceous Volcanogenic Massive Sulfide Deposits of Turkey: Proposed Paragenetic Sequence**  
Çiftçi E., Lermi A., YALÇINALP B.  
11th International Congress for Applied Mineralogy (ICAM), Mianyang, China, 5 - 10 July 2013, pp.91-97
- X. **Micronized Calcite Potential, Production, and Principal Characteristics of Nigde (Turkey)**  
Çiftçi E., Erdag I.  
11th International Congress for Applied Mineralogy (ICAM), Mianyang, China, 5 - 10 July 2013, pp.99-105
- XI. **Ruby Occurrences in Turkey Principle Characteristics**  
ÖZDAMAR Ş., ÇİFTÇİ E., UZ B., ESENLİ R. F., KIRIKOĞLU M. S.  
11th International Congress for Applied Mineralogy, 5 - 13 July 2013, pp.79
- XII. **GEOCHEMICAL AND MINERALOGICAL ALTERATIONS ASSOCIATED WITH THE HOST ROCKS OF THE KANKOY VOLCANOGENIC MASSIVE SULFIDE (VMS) DEPOSIT (TRABZON, NE-TURKEY)**

Lermi A., Ciftci E.

13th International Multidisciplinary Scientific Geoconference, SGEM 2013, Albena, Bulgaria, 16 - 22 June 2013, pp.63-65

**XIII. Alayunt Neojen Havzası Kil Oluşumları**

ELMAS N., Gürel A., Kumral M., BUDAKOĞLU M., Çiftçi E.

15.Ulusal Kil Sempozyumu, Kütahya, Turkey, 19 - 22 September 2012, pp.225

**XIV. Geological and Geochemical Characteristics of Küre Kastamonu Copper Deposits**

KUMRAL M., BUDAKOĞLU M., KARAMAN M., KARABEL S. B., YILDIRIM D., ÇİFTÇİ E.

47th Forum on the Geology of Industrial Minerals, 15 - 17 May 2011

**XV. Geochemical Investigation and Economic Properties of Chromite Occurences around Köyceğiz Lake, Muğla, Southwest Turkey**

KUMRAL M., BUDAKOĞLU M., KARABEL S. B., KARAMAN M., TEMEL MARAL D., UZAŞCI SULTANYAN S., ÇİFTÇİ E.

The 47th Forum on the Geology of Industrial Minerals, May 15-17, Champaign, Illinois, USA, 15 - 17 May 2011

**XVI. Geochemistry and Ore Microscopy of Manganese Mineralization from Kütahya, Northwest Turkey, Society of Economic Geologists**

KARABEL S. B., KUMRAL M., ÇİFTÇİ E., UZAŞCI SULTANYAN S., KARAMAN M., BUDAKOĞLU M.

SEG 2010, September 30 - October 9, Conference Keystone Resort, Colorado., 30 September - 09 October 2010

**XVII. Major geochemical and mineralogical characteristics of Turkish VMS deposits (NE Turkey)**

Çiftçi E., YALÇINALP B.

Conference on Goldschmidt 2010 - Earth, Energy, and the Environment, Tennessee, United States Of America, 13 - 18 June 2010, vol.74

**XVIII. Cathodoluminescence characteristics of various Sphalerite ores from Turkey**

Çiftçi E.

Conference on Goldschmidt 2010 - Earth, Energy, and the Environment, Tennessee, United States Of America, 13 - 18 June 2010, vol.74

## Supported Projects

Kırıkoğlu M. S., Çiftçi E., KARAMAN M., Uygur M., Project Supported by Higher Education Institutions, Toroslardaki Kurşun-Çinko Yataklarının Uzaktan Algılama Yöntemleriyle Belirlenmesi, 2018 - 2019

Arıkan B., Çiftçi E., Yıldırım C., Özcan O., DARDENİZ ARIKAN G., YILDIRIM T., Project Supported by Higher Education Institutions, Çorum Delice Vadisi Arkeoloji Jeoarkeoloji ve Tarih Öncesi Madencilik Projesi, 2017 - 2019

Çiftçi E., Project Supported by Higher Education Institutions, Micronized Calcite Potential Production and Principle Characteristics of Niğde ( Tukey ), 2013 - 2018

Çiftçi E., Project Supported by Higher Education Institutions, TÜRKİYE DEN ÇEŞİTLİ SFALERİT CEVHERİNİN KATODOLÜMİNESANS KARAKTERİTİKLERİ, 2010 - 2018

## Metrics

Publication: 57

Citation (WoS): 15

Citation (Scopus): 46

H-Index (WoS): 2

H-Index (Scopus): 4

## Non Academic Experience

Barrick Gold

Cominco