

Res. Asst. SİNEM DEMİRCİ

Personal Information

Email: cosinem@metu.edu.tr

Web: <https://avesis.metu.edu.tr/cosinem>

International Researcher IDs

ScholarID: r_R0R6wAAAAJ

ORCID: 0000-0002-2095-0674

Yoksis Researcher ID: 186089

Education Information

Doctorate, Middle East Technical University, Graduate School of Social Sciences, İlköğretim (Dr), Turkey 2014 - Continues

Postgraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, Turkey 2015 - 2018

Postgraduate, Middle East Technical University, Graduate School of Social Sciences, Fen Ve Matematik Eğitimi (Yl) (Tezli), Turkey 2011 - 2014

Undergraduate, Middle East Technical University, Faculty of Education, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Turkey 2006 - 2011

Dissertations

Postgraduate, A CLOSER LOOK TO TURKISH STUDENTS' SCIENTIFIC LITERACY: WHAT DO PISA 2015 RESULTS TELL US?, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 2018

Postgraduate, Development and validation of human population growth scale in the context of sustainability, Middle East Technical University, Graduate School of Social Sciences, Fen Ve Matematik Eğitimi (Yl) (Tezli), 2014

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Education, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2010 - Continues

Articles Published in Other Journals

- I. **Self-Efficacy Beliefs on Integrating Sustainability into Profession and Daily Life: in the Words of University Students.**

DEMİRCİ S., TEKSÖZ G.

International Electronic Journal of Environmental Education, vol.7, no.2, pp.116-133, 2017 (Scopus)

- II. **Lise ve Üniversite Öğrencilerinin Atomun Yapısı ile İlgili Zihinsel Modellerine Genel Bir Bakış**

DEMİRCİ S., YILMAZ A., ŞAHİN E.

Türkiye Kimya Derneği Dergisi, Kısım C: Kimya Eğitimi, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **About the context of climate change education for sustainability: In the words of university students**
TEKSÖZ G., DEMİRCİ S.
ESERA 2017 Conference, 21 - 25 August 2017
- II. **Preservice teachers' understandings of sustainability based on ontological entities**
Demirci S., Kaplan G., Cengizoglu S., Sen M.
26. Uluslararası Eğitim Bilimleri Kongresi, Antalya, Turkey, 20 - 23 April 2017
- III. **Pre-service teachers'xx understandings of sustainability based on ontological entities.**
DEMİRCİ S., KAPLAN G., CENGİZÖĞLU S., ŞEN M.
ices-ubek 2017, 20 - 23 April 2017
- IV. **TÜRKİYE DE YAŞAYAN ÇOCUKLAR VE ÇEVRE İNSAN İLİŞKİSİ BİR İÇERİK ANALİZİ ÇALIŞMASI**
CENGİZÖĞLU S., DEMİRCİ S.
12.Uluslararası Fen Bilimleri ve Matematik Eğitimi Kongresi, Trabzon, Turkey, 28 - 30 September 2016
- V. **Türkiye de Okul Öncesi Dönemde Fen Eğitimi nde Yapılan Çalışmaların Bölgelere Değişkenlere ve Örneklem Gruplarına Göre İçerik Analizi**
DEMİRCİ S., CENGİZÖĞLU S.
12.Uluslararası Fen Bilimleri ve Matematik Eğitimi Kongresi, Turkey, 28 - 30 September 2016
- VI. **AN ANALYSIS OF TURKISH MIDDLE SCHOOL SCIENCE EDUCATION PROGRAM PLACING CLIMATE CHANGE ISSUES IN THECONTEXT OF EDUCATION FOR SUSTAINABLE DEVELOPMENT**
DEMİRCİ S., ŞAHİN E.
14th INTERNATIONAL JTEFS/BBCC CONFERENCE, 12 - 14 May 2016
- VII. **THE CONTEXT OF SUSTAINABLE DEVELOPMENT IN TURKISH ELEMENTARY SCIENCE CURRICULUM**
DEMİRCİ S.
14th INTERNATIONAL JTEFS/BBCC CONFERENCE SUSTAINABLE DEVELOPMENT, CULTURE, EDUCATION., Konya, Turkey, 12 - 14 May 2016
- VIII. **Pre service science teachers misconceptions about density and buoyancy**
DEMİRCİ S., ŞEN M.
National Association for Research in Science Teaching (NARST) Annual International Conference, 14 - 17 April 2016
- IX. **Is the Carrying Capacity Exceeded PreserviceTeachers Beliefs on Human Population Growth**
DEMİRCİ S., ŞAHİN E., TEKSÖZ G.
NAAEE 44th Annual Conference, SANFRANSISCO, 15 - 18 October 2015
- X. **Fen Bilgisi Öğretmen Adaylarının Yoğunluk KonusundaKavram Yanılgılarının Belirlenmesi**
DEMİRCİ S., ŞEN M.
II. Ulusal Fizik Eğitimi Kongresi, Ankara, Turkey, 10 - 12 September 2015, pp.40-41
- XI. **Lise ve Üniversite Öğrencilerinin Atomun Yapısı ile İlgili Zihinsel Modellerine Genel Bir Bakış**
YILMAZ A., ŞAHİN E., DEMİRCİ S.
IV. Ulusal Kimya Eğitimi Kongresi, Balıkesir, Turkey, 7 - 10 September 2015
- XII. **Elementary School Students Mental Models Regarding Atomic Models**
DEMİRCİ S., ŞAHİN E., YILMAZ A.
ESERA Conference, 31 August - 04 September 2015
- XIII. **An Exploration of University Students beliefs on the Sustainable Growth of Human Population**
DEMİRCİ S., ELVAN S., TEKSÖZ G.
8th WEEC Planet and People World Environmental Education Congress, Gothenburg, Sweden, 29 June - 02 July 2015
- XIV. **An Exploration of University Students Beliefs on the Sustainable Growth of Human Population**
DEMİRCİ S., ŞAHİN E., TEKSÖZ G.
8th World Environmental Education Congress, 29 June - 02 July 2015
- XV. **ESD in Higher Education University students perceptions of sustainability and its relation to their self efficacy beliefs to integrate sustainability into their profession and daily lives**
DEMİRCİ S., TEKSÖZ G.

- Pathways to the Future - Education for Sustainable Development, Tallinn, Estonia, 22 - 24 April 2015, pp.135
- XVI. **A Review of Elementary Students Conceptual Understandings of Atom**
ŞAHİN E., YILMAZ A., DEMİRCİ S.
II. IOSTE Eurasian Regional Symposium, 24 - 26 April 2015
- XVII. **Üniversite Öğrencilerinin Sürdürülebilir Kalkınma Kavramını Gelecekteki Meslekleri Ve Günlük Ya
amlarına Birle tirmek Konusundaki Öz yeterlik nani lari**
DEMİRCİ S., TEKSÖZ G.
XI. UFBMEK, Adana, Turkey, 11 - 14 September 2014, pp.599-600
- XVIII. **What does a Survey Study on Beliefs towards Human Population Growth Imply for Teacher
Education**
DEMİRCİ S., ŞAHİN E., TEKSÖZ G.
EJER Congress 2014, İstanbul, Turkey, 24 - 26 April 2014, pp.1094-1095
- XIX. **Determining Pre service Teachers Beliefs towards Human Population Growth**
ŞAHİN E., TEKSÖZ G., DEMİRCİ S.
42nd Annual NAAEE Conference, baltimore, United States Of America, 9 - 12 October 2013

Supported Projects

- CENGİZÖĞLU S., DEMİRCİ S., ŞENTÜRK E., TUBITAK Project, Çöpten Gübreye!, 2017 - 2017
- ŞAHİN E., Yılmaz A., DEMİRCİ S., Project Supported by Higher Education Institutions, Fen Bilgisi Öğretmenlerinin Bilim
Tarihi ve Bilim Felsefesi Açısından Atom Modelleri Konusunu Öğretimi, 2015 - 2015
- ŞAHİN E., DEMİRCİ S., TEKSÖZ G., Project Supported by Higher Education Institutions, Üniversite Öğrencilerinin Nüfus
Artışına Yönerek İnançları, 2013 - 2013

Metrics

Publication: 21