



Formerly: Atatürk University Journal of Kazım Karabekir Education Faculty Official journal of Atatürk University Faculty of Education

Issue 48 • March 2023



Owner

Ufuk SİMSEK D



Department of Social Studies Education, Atatürk University, Faculty of Kazım Karabekir Education, Erzurum, Turkey

Editors

Adnan TAŞGIN 📵



Department of Curriculum and Instruction, Atatürk University, Faculty of Kazım Karabekir Education, Erzurum, Turkey

Esra MİNDİVANLI AKDOĞAN (D



Department of Social Studies Education, Atatürk University, Faculty of Kazım Karabekir Education, Erzurum, Turkey

Tuba ÖZ 匝



Department of Mathematics, Atatürk University, Faculty of Kazım Karabekir Education, Erzurum, Turkey

Foreign Language Editors

Merve GEÇİKLİ 🕞



Department of English Education, Atatürk University, Faculty of Kazım Karabekir Education, Erzurum, Turkey

Mine YILDIZ D

Department of English Education, Atatürk University, Faculty of Kazım Karabekir Education, Erzurum, Turkey

Turkish Language Editors

Mülkiye Ezgi İSKENDER (1)



Department of Turkish and Social Sciences Education, Atatürk University, Faculty of Kazım Karabekir Education, Erzurum, Turkey

Nurullah AYDIN 📵



Department of Turkish Education, Atatürk University, Faculty of Kazım Karabekir Education, Erzurum, Turkey

Editor in Chief

Seda OKUMUS (D



Department of Science Education, Atatürk University, Faculty of Kazım Karabekir Education, Erzurum, Turkey

Editorial Board

Ahmet AYIK

Department of Education Management, Atatürk University, Faculty of Kazım Karabekir Education, Erzurum, Turkey

Alptürk AKÇÖLTEKİN

Department of Science Education, Çanakkale Onsekiz Mart University, Faculty of Education, Çanakkale, Turkey

Alev CETÍN DOĞAN

Department of Science Education, Gazi University, Faculty Education, Ankara, Turkey

Alper Cihan KONYALIOĞLU

Department of Mathematics Education, Atatürk University, Faculty of Kazım Karabekir Education, Erzurum, Turkey

Ataman KARAÇÖP

Department of Science Education, Kafkas University, Faculty of Dede Korkut Education, Kars, Turkey

Aylin MENTİŞ KÖKSOY

Department of Classroom Education, Eae University, Faculty Education, İzmir, Turkey

Dursun DİLEK

Department of Social Studies Education, Sinop University, Faculty of Education, Sinop Turkey

Eka Cahya PRIMA

Science Education, Indonesia University of Education, Bandung, Indonesia

Engin KURŞUN

Department of Computer and Instructional Technology Education, Atatürk University, Faculty of Kazım Karabekir Education, Erzurum, Turkey

Esther Nieto MORENO de DIEZMAS

Language Education, Castilla-La Mancha University, Ciudad Real, Spain

Halil TOKCAN

Department of Turkish and Social Sciences Education, Niğde Ömer Halisdemir University, Faculty of Education, Niğde, Turkey

Hakan AKDAĞ

Department of Turkish and Social Sciences Education, Mersin University, Faculty of Education, Mersin, Turkey

Jon-Chao HONG-

Game-Based Learning and Teaching, National Taiwan Normal University, Taiwan

Kubilay YAZICI

Department of Social Studies Education, Niğde Ömer Halisdemir University, Faculty of Education, Niğde, Turkey

Mehmet BAŞTÜRK

Department of Foreign Language Education, Balıkesir University, Necatibey Faculty of Education, Balıkesir, Turkey



Founder İbrahim KARA

General Manager Ali SAHIN

Finance Coordinator Elif Yıldız CELIK

Journal Managers

İrem SOYSAL Bahar ALBAYRAK Deniz KAYA Irmak BERBEROĞLU

Publications Coordinators

Gökhan ÇIMEN Arzu ARI Alara ERGIN Hira Gizem FIDAN İrem ÖZMEN

Project Coordinators

Doğan ORUÇ Sinem Fehime KOZ

Publisher: Atatürk University Address: Atatürk University, Yakutiye, Erzurum, Turkey

Publishing Service: AVES Address: Büyükdere Cad., 105/9 34394 Şişli, İstanbul, Turkey Phone: +90 212 217 17 00 E-mail: info@avesyayincilik.com Webpage: www.avesyayincilik.com

Mehmet Nuri GÖMI FKSİZ

Department of Education Science, Fırat University, Faculty of Education, Elazığ, Turkey

Murat ÇALIŞOĞLU

Department of Social Science, Ağrı İbrahim Çeçen University, Faculty of Education, Ağrı, Turkey

Mustafa SÖZBİLİR

Department of Mathematics and Science Education, Atatürk University, Faculty of Kazım Karabekir Education, Erzurum, Turkey

Nilüfer OKUR AKÇAY

Department of Preschool Education, Ağrı İbrahim Çeçen University, Faculty of Education, Ağrı, Turkey

Oğuz DİLMAÇ

Department of Basic Art Education, İzmir Katip Çelebi University, Faculty of Art and Design, İzmir, Turkey

Osman SAMANCI

Department of Classroom Education, Atatürk University, Faculty of Kazım Karabekir Education, Erzurum, Turkey

Ovidiu Florin CALTUN

Faculty of Physics, Alexandru Ioan Cuza University, Romania

Rașit ZENGİN

Department of Mathematics and Science Education, Fırat University, Faculty of Education, Elazığ, Turkey

Salih DOĞAN

Department of Biology, Erzincan Binali Yıldırım University, Faculty of Science Literature, Erzincan, Turkey

Selahattin KAYMAKÇI

Department of Turkish and Social Sciences Education, Kastamonu University, Faculty of Education, Kastamonu, Turkey

Selçuk KARAMAN

Department of Management Information Systems, Hacı Bayram Veli University, Faculty of Economics and Administrative Sciences, Ankara, Turkey

Stefan RATHERT

Department of English Language Education, Kahramanmaraş Sütçü İmam University, Faculty of Education, Kahramanmaraş, Turkey

Şükrü ADA

Department of Education Management, Bursa Uludağ University, Faculty of Education, Bursa, Turkev

Ümit SİMSEK

Department of Science Education, Atatürk University, Faculty of Kazım Karabekir Education, Erzurum, Turkey

Yasin DOĞAN

Department of Turkish and Social Sciences Education, Pamukkale University, Faculty of Education, Denizli, Turkey

Zehra ÖZDİLEK

Department of Mathematics and Science Education, Bursa Uludağ University, Faculty of Education, Bursa, Turkey

Reviewers of 48th Issue

Adnan ALTUN Bolu Abant İzzet Baysal University

Ali ÖZTÜRK

Alanya Alaaddin Keykubat University

Alper ÇİLTAŞ Atatürk University

Arife Figen ERSOY Anadolu University

Ayşe ÇAĞLAR Tokat Gaziosmanpaşa University

Ayşe ÖZTÜRK Gaziantep University

Ayşe SEYHAN Recep Tayip Erdoğan University

Beyda TOPAN Amasya University

Ceyhun OZAN* Atatürk University

Çiğdem ŞAHİN ÇINKIR Giresun University

Demet GÜRHAN Ankara University

Gül Fahriye EVREN Pamukkale University Eda KARGI Doğu Akdeniz University

Esra KIZILAY
Erciyes University

Fethiye KARSLI BAYDERE Giresun University

Hakan ÖRTEN Tokat Gaziosmanpaşa University

Mehmet BAŞARAN Gaziantep University

Mehmet Fatih ÖZMANTAR Gaziantep University

Nihal PETEK BOYACI İstanbul Medeniyet University

Nihan AKKOCAOĞLU ÇAYIR Hacettepe University

Sami Emrah GEREKTEN Afyon Kocatepe University

Selda ARAS Hacettepe University

Selda SAN Ege University

Semra UÇAR Erciyes University

Semra BAŞARAN Muğla Sıtkı Koçman University

Şerife KOZA ÇİFTÇİ Akdeniz University

Taner ALTUN
Trabzon University

NOTE: This list includes the reviewers of the articles accepted for publication in current issue and those that were not accepted for publication from the previous issue until current issue.

*sign means that the referee evaluated more than one article

AIMS AND SCOPE

Educational Academic Research is a scientific, open access periodical published in accordance with independent, unbiased, and double-blinded peer-review principles.

Educational Academic Research started its publication life in 2003. The journal is the official online-only publication of Atatürk University Kazım Karabekir Faculty of Education and published quarterly in March, June, September and December. The journal is published in Turkish and English.

Educational Academic Research is a peer-reviewed and online-only journal published by Atatürk University Kazım Karabekir Education Faculty.

The journal publishes qualitative and quantitative research articles, especially meta-analysis and meta-synthesis studies, on education and teaching, reviews and theoretical studies related to contemporary literature on education. The primary purpose of the journal is to share the scientific information produced in the field of education on a broad platform. In this respect, the journal aims to bring together researchers, education practitioners, and politicians of education at a common point. The journal focuses on research that will lead to the solution of educational problems, the quality of education and the production of new information. Studies conducted with teacher candidates are not accepted in the journal.

The editorial and publication processes of the journal are shaped in accordance with the guidelines of the Council of Science Editors (CSE), Committee on Publication Ethics (COPE), European Association of Science Editors (EASE), and National Information Standards Organization (NISO). The journal conforms with the Principles of Transparency and Best Practice in Scholarly Publishing (doaj.org/bestpractice).

Educational Academic Research is currently indexed in DOAJ ,TUBITAK ULAKBIM TR Index and CNKI.

All expenses of the journal are covered by the Atatürk University Kazım Karabekir Education Faculty. Processing and publication are free of charge with the journal. No fees are requested from the authors at any point throughout the evaluation and publication process. All manuscripts must be submitted via the online submission system, which is available at https://education-ataunipress.org/. The journal guidelines, technical information, and the required forms are available on the journal's web page.

Disclaimer

Statements or opinions expressed in the manuscripts published in the journal reflect the views of the author(s) and not the opinions of the Educational Academic Research, editors, editorial board, and/or publisher; the editors, editorial board, and publisher disclaim any responsibility or liability for such materials.

Open Access Statement

Educational Academic Research is an open access publication and the journal's publication model is based on Budapest Open Access Initiative (BOAI) declaration. Journal's archive is available online, free of charge at https://education-ataunipress.org/. Authors retain the copyright of their published work in the Educational Academic Research. The journal's content is licensed under a Creative Commons Attribution-NonCommercial (CC BY-NC) 4.0 International License which permits third parties to share and adapt the content for non-commercial purposes by giving the apropriate credit to the original work.

From January 2022 onwards, content is licensed under a Creative Commons CC BY-NC 4.0 license. The journal's back content was published under a traditional copyright license however the archive is available for free access.

You can find the current version of the Instructions to Authors at https://education-ataunipress.org/.

Editor: Seda OKUMUŞ

Address: Atatürk University, Kâzım Karabekir Education Faculty, Erzurum, Turkey

Phone: +90 442 231 42 05 E-mail: seda.okumus@atauni.edu.tr

Publishing Service: AVES

Address: Büyükdere Cad., 105/9 34394 Sişli, İstanbul, Turkey

Phone: +90 212 217 17 00 E-mail: info@avesyayincilik.com Web: www.avesyayincilik.com

AMAÇ VE KAPSAM

Educational Academic Research bağımsız, tarafsız ve çift kör hakemlik ilkelerine uygun olarak yayınlanan bilimsel, açık erişimli bir süreli yayındır.

Educational Academic Research 2003 yılında yayın hayatına başlamıştır. Dergi, Atatürk Üniversitesi Kâzım Karabekir Eğitim Fakültesi'nin sadece internet üzerinden yayınlanan resmi yayınıdır ve Mart, Haziran, Eylül ve Aralık aylarında üç ayda bir yayınlanır. Dergi Türkçe ve İngilizce olarak yayınlanmaktadır.

Dergi, eğitim ve öğretimle ilgili başta meta-analiz ve meta-sentez çalışmaları olmak üzere nitel ve nicel araştırma makaleleri, derlemeler ve çağdaş eğitim literatürü ile ilgili kuramsal çalışmalar yayınlar. Derginin temel amacı, eğitim alanında üretilen bilimsel bilgileri geniş bir platformda paylaşmaktır. Bu doğrultuda dergi, araştırmacıları, eğitim uygulayıcılarını ve eğitim politikacılarını ortak bir noktada buluşturmayı amaçlamaktadır. Dergi, eğitim sorunlarının çözümüne, eğitimde eğitimin kalitesine ve yeni bilgilerin üretilmesine yol açacak araştırmalara odaklanmaktadır. Dergiye öğretmen adayları ile yapılan çalışmalar kabul edilmemektedir.

Derginin editöryel ve yayın süreçleri Council of Science Editors (CSE), Committee on Publication Ethics (COPE), European Association of Science Editors (EASE) ve National Information Standards Organization (NISO) kılavuzlarına uygun olarak biçimlendirilmiştir. Educational Academic Research' ün editöryel ve yayın süreçleri, Akademik Yayıncılıkta Şeffaflık ve En İyi Uygulama (doaj.org/bestpractice) ilkelerine uygun olarak yürütülmektedir.

Educational Academic Research DOAJ, TÜBİTAK ULAKBİM TR Dizin ve CNKI tarafından indekslenmektedir.

Derginin tüm masrafları Atatürk Üniversitesi Kazım Karabekir Eğitim Fakültesi tarafından karşılanmaktadır. Makale değerlendirme ve yayın işlemleri için yazarlardan ücret talep edilmemektedir. Tüm makaleler https://education-ataunipress.org/ sayfasındaki online makale değerlendirme sistemi kullanılarak dergiye gönderilmelidir. Derginin yazım kurallarına, gerekli formlara ve dergiyle ilgili diğer bilgilere web sayfasından erişilebilir.

Sorumluluk Reddi

Dergide yayınlanan makalelerde ifade edilen bilgi, fikir ve görüşler Educational Academic Research, Baş Editör, Editörler, Yayın Kurulu ve Yayıncı'nın değil, yazar(lar)ın bilgi ve görüşlerini yansıtır. Baş Editör, Editörler, Yayın Kurulu ve Yayıncı, bu gibi yazarlara ait bilgi ve görüşler için hiçbir sorumluluk ya da yükümlülük kabul etmemektedir.

Açık Erişim Beyanı

Educational Academic Research yayınlanma modeli Budapeşte Açık Erişim Girişimi (BOAI) bildirgesine dayanan açık erişimli bilimsel bir dergidir. Derginin arşivine https://education-ataunipress.org/ adresinden ücretsiz olarak erişilebilir. Yazarlar Educational Academic Research'te yayınlanmış çalışmalarının telif hakkını elinde tutar.

Educational Academic Research'ün içeriği, Creative Commons Alıntı-GayriTicari (CC-BY-NC) 4.0 Uluslararası Lisansı ile yayınlanmaktadır. Söz konusu telif, üçüncü tarafların içeriği uygun şekilde atıf vermek koşuluyla, ticari olmayan amaçlarla paylaşımına ve uyarlamasına izin vermektedir.

2022 Ocak'tan itibaren dergi Creative Commons CC BY-NC 4.0 lisansıyla yayın yapmaya başlamıştır. Bu tarihten önceki dergi içeriği ücretsiz erişime açık olmakla birlikte geleneksel telif sistemiyle yayınlanmıştır.

Yazarlara Bilgi'nin güncel versiyonuna https://education-ataunipress.org/ adresinden ulaşabilirsiniz.

Editör: Seda OKUMUŞ

Adres: Atatürk Üniversitesi Kazım Karabekir Eğitim Fakültesi, Erzurum, Türkiye

Tel: +90 442 231 42 05

E-posta: seda.okumus@atauni.edu.tr

Yayıncı: AVES

Adres: Büyükdere Cad., 105/9 34394 Şişli, İstanbul, Turkey

Telefon: +90 212 217 17 00 E-posta: info@avesyayincilik.com Web: www.avesyayincilik.com

CONTENTS / ICINDEKILER

RESEARCH ARTICLES / ARAŞTIRMA MAKALELERİ

- 1 Öğretmenlerin Çocuklar İçin Felsefe (P4c) Yaklaşımına ve Kolaylaştırıcı Rollerine İlişkin Görüşleri Teachers' Views on the Philosophy for Children (P4c) Approach and Its Facilitator Roles Fatma Avcı
- 14 Research Trends In English Language Teaching: A Twenty-Year Review Of Master Theses And Doctoral Dissertations İngiliz Dili Eğitimi (İDE) Alanındaki Araştırma Eğilimleri: Yüksek Lisans Ve Doktora Tezlerinin 20 Yıllık İncelemesi Cağla ATMACA, Gonca EKSİ
- Bilimsel Süreç Becerilerinin Bütünleştirilmiş Fen ve Matematik Etkinlikleri Aracılığıyla Kazandırılmasına Yönelik Öğretmen Görüşleri: Bilimin Doğası Anlayışlarının Etkisi
 Teachers' Views on the Teaching of Science Process Skills Through Integrated Science and Mathematics Activities: Effect of the Nature of Science Understandings
- 42 Examining Learning Styles, Creative Thinking Skills, and Academic Success of Eighth-Grade Students in Middle School
 Ortaokul Sekizinci Sınıf Öğrencilerinin Öğrenme Stilleri, Yaratıcı Düşünme Becerileri ve Akademik Başarılarının İncelenmesi
 Özge YÜKCÜ ÖZTÜRK, Memet KARAKUŞ
- 59 Covid-19 Pandemisinin Türkiye'de Yapılan Matematik Eğitimi Araştırmalarına Yansıması: Bir İçerik Analizi Çalışması
 Reflection of the COVID-19 Pandemic on Mathematics Education Research ın Turkey: A Content Analysis Study
 Feyyaz ÖZTOP
- Yarım Kalan Hikâye: Covid-19 Pandemisi Öncesi ve Sırasına İlişkin Akademik Yazma Dersi Yansımaları
 The Unfinished Story: Reflections on Academic Writing Course Before and During the Covid-19 Pandemic Period
 Kerim GÜNDOĞDU, Elif ÖZYENĞİNER, Figen MADRAN, Ümit GÖZEL, Emine SELMANOĞLU
- 90 Popüler Kültürün Öğretmen Adaylari Üzerindeki Etkisi
 The Effect of Popular Culture on Teacher Candidates
 Özge TARHAN

Ebru ADSIZ. Ali YIĞIT KUTLUCA

- Opera Sanatçisi Hülya Kazan Günay Ile Ses Eğitimi Hakkında Sohbet: Bir Anlati Araştırmasi A Conversation with Opera Artist Hülya Kazan Günay About Voice Education: A Narrative Research Saadet KÖSRELİ
- Sosyal Bilgiler Dersi Kapsamında Veli Eşliğinde Gerçekleştirilen Aile Katılımlı İnceleme Gezilerine Dönük Veli Deneyimleri Parent Experiences Intended for Family-Participated Field Trips Carried Out with Parents Within the Scope of Social Studies Course Yılmaz DEMİR
- Günümüz Dünya Sorunlarının Sosyal Bilgiler Öğretmen Adaylarının Gözünden İncelenmesi Examination of Current World Problems From the Perspective of Social Studies Pre-service Teachers Mehmet ŞENTÜRK, Ufuk ŞİMŞEK