

EBYÜ TEŞVİK BAŞVURU VE DEĞERLENDİRME SİSTEMİNE KULLANILACAK WOS ATIFLARININ KANITLANDIRILMASI

WOS Hesabınıza giriş yapın ve panelin sağ tarafında yer alan Web of Science Core Collection metrics kısmından View Citation Report'a tıklayın

The screenshot displays the Web of Science Core Collection metrics dashboard. The interface includes a navigation menu on the left with icons for menu, home, refresh, user profile, and notifications. The main content area features a large blue box, likely representing a redacted or placeholder image. Below this, there is a section for 'Subject Category' and a 'Documents' tab. The 'Documents' section shows 'Showing 3 out of 3 publications indexed in Web of Science' and includes a 'Manage' button. The right sidebar contains a 'Metrics' section with a 'View citation report' button circled in red. The metrics section displays various statistics: 8 Total documents, 3 Publications indexed in Web of Science, 3 Web of Science Core Collection publications, 0 Preprints, 0 Dissertations or Theses, 5 Non-indexed publications, 4 Verified peer reviews, 0 Verified editor records, and 0 Awarded grants. Below the metrics, there are 'Web of Science Core Collection metrics' including H-Index (1), Publications (3), Sum of Times Cited (79), Citing Articles (79), Sum of Times Cited by Patents (0), and Citing Patents (0). The bottom right corner features a help icon with the number 16.

profiles Share Export CV

MENU

Edit

Metrics Open dashboard

Profile summary

8 Total documents
3 Publications indexed in Web of Science
3 Web of Science Core Collection publications
0 Preprints
0 Dissertations or Theses
5 Non-indexed publications
4 Verified peer reviews
0 Verified editor records
0 Awarded grants

Web of Science Core Collection metrics ⓘ

1 H-Index
3 Publications
79 Sum of Times Cited
79 Citing Articles
0 Sum of Times Cited by Patents
0 Citing Patents

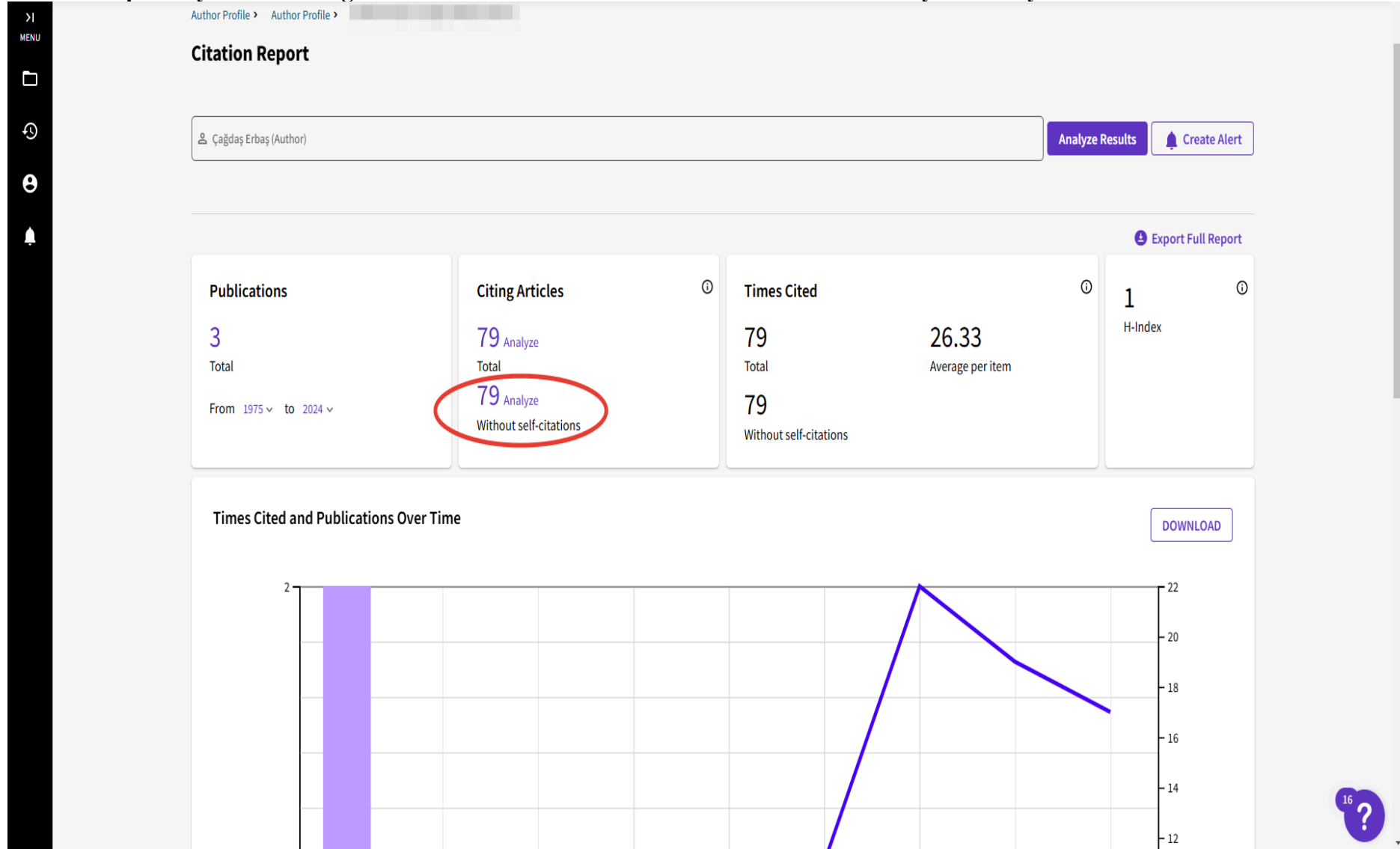
View citation report

Author positions included: All Publications

Date: newest first < 1 of 1 >

16 ?

Citation Report sayfasında Citing Articles kısmında Without self-citations kısmında Analyze'a tıklayın.



Açılan ekranda Web of Science Index bilgisi olarak SCI, SSCI, AHCI ve SCI-E seçeneklerini seçin

MENU

📖

🕒

👤

🔔

Show Researcher Profiles

- Cabada, Ramón Zatarain 3
- Uriarte-Portillo, Aldo 3
- Huwer, Johannes 2
- Espiga, María Blanca MB Ibáñez 2
- BARRÓN ESTRADA, MARIA LUCIA 2

See all > Exclude Refine

Web of Science Categories

Citation Topics Meso

Citation Topics Micro

Web of Science Index

- Social Sciences Citation Index (SSCI) 45
- Emerging Sources Citation Index (ESCI) 25
- Science Citation Index Expanded (SCI-E) 15
- Conference Proceedings Citation Index -... 4
- Conference Proceedings Citation Index -... 2

See all > Exclude Refine

Affiliations

Affiliation with Department

Publication Titles

Languages

Countries/Regions

Publishers

Research Areas

abstract concepts by enabling three-dimensional visualization and interaction. This study aims to asse ... Show more

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Related records

4 **An innovative approach in middle school science courses: effects of collaborative augmented reality activities on motivation, cognitive load, and satisfaction** 1 Citation 47 References

Küçük, S; Turan, Z; (...); Gürsoy, T

2024Sep 2024 (Early Access) | INTERACTIVE LEARNING ENVIRONMENTS

Enriched Cited References

This study examines the effects of collaborative augmented reality activities supported by the 5E teaching model on students' motivation, cognitive load, and satisfaction levels in a science course. In this context, explanatory design, one of the mixed research methods, was used in this study. The research process was conducted with 18 sixth-grade (5 ξ ... Show more

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5 **The effects of an augmented reality lens imaging learning system on students' science achievement, learning motivation, and inquiry skills in physics inquiry activities** 65 References

Liao, YJ; Tarnq, W and Wang, TL

2024Sep 2024 (Early Access) | EDUCATION AND INFORMATION TECHNOLOGIES

Enriched Cited References

The purpose of this study is to examine the effects of employing an augmented reality (AR) lens imaging system on inquiry-based learning concerning junior high school students' science achievement, science learning motivation, and inquiry skills. For this purpose, an AR lens imaging learning system was developed specifically for the lens imaging unit. A qu ... Show more

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Related records

6 **Augmented reality-based higher order thinking skills learning media: Enhancing learning performance through self-regulated learning, digital literacy, and critical thinking skills in vocational teacher education** 60 References

Yuniarti, N; Rahmawati, Y; (...); Wang, JH

Dec 2024 | EUROPEAN JOURNAL OF EDUCATION 59 (4)

Enriched Cited References

16 ?

İndeksleri seçtikten sonra Publication Years seçeneğinde 2024'ü seçin ve Refine deyin



Refine results [Export Refine](#)

Search within results...

Quick Filters

- Review Article 5
- Early Access 3
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- Enriched Cited References 22
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Publication Years ?

- Show Final Publication Year
- 2024 10
 - 2023 14
 - 2022 13
 - 2021 5
 - 2020 4

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Document Types ^

- Article 43
- Review Article 5
- Early Access 3

[Exclude](#) [Refine](#)

Researcher Profiles ^

0/48 [Add To Marked List](#) [Export](#) ▼

Relevance ▼ < 1 of 1 >

1 Embodied learning of science concepts through augmented reality technology



Mansour, N; Aras, C; (...); Alotaibi, SBM

2024Nov 2024 (Early Access) | EDUCATION AND INFORMATION TECHNOLOGIES ▼

71
References

[Enriched Cited References](#)

Augmented Reality (AR) revolutionizes educational approaches by providing an immersive experience that superimposes virtual 3D elements onto the physical environment. This integration of virtual and real worlds addresses the challenge of understanding abstract concepts by enabling three-dimensional visualization and interaction. This study aims to asse ... [Show more](#)

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2 An innovative approach in middle school science courses: effects of collaborative augmented reality activities on motivation, cognitive load, and satisfaction



Küçük, S; Turan, Z; (...); Gürsoy, T

2024Sep 2024 (Early Access) | INTERACTIVE LEARNING ENVIRONMENTS ▼

1
Citation
47
References

[Enriched Cited References](#)

This study examines the effects of collaborative augmented reality activities supported by the 5E teaching model on students' motivation, cognitive load, and satisfaction levels in a science course. In this context, explanatory design, one of the mixed research methods, was used in this study. The research process was conducted with 18 sixth-grade (5 ξ ... [Show more](#)

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3 The effects of an augmented reality lens imaging learning system on students' science achievement, learning motivation, and inquiry skills in physics inquiry activities



Liao, YJ; Tarnig, W and Wang, TL

2024Sep 2024 (Early Access) | EDUCATION AND INFORMATION TECHNOLOGIES ▼

65
References

16



Sayfada altta hangi filtrelemeleri kullandığınızı belirten kısım ile birlikte WOS sisteminde kendinize yaptığınız atıflar dışındaki atıf sayısının görüldüğünden emin olun

Author Profile > ... > Refine results for Total citin... > Refine results for Total citing articles (excluding self citations) to Çağdaş Erb...

10 results (excluding self-citations) from the Web of Science Core Collection that cited records from:

Copy query link

Analyze Results

Refined By: Web of Science Index: Social Sciences Citation Index (SSCI) or Science Citation Index Expanded (SCI-EXPANDED) X Publication Years: 2024 X Clear all

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Search within results...

Quick Filters

- Early Access 3
- Open Access 1
- Enriched Cited References 6

Publication Years ⓘ

Show Final Publication Year

2024 10

Document Types

- Article 10
- Early Access 3

0/10 Add To Marked List Export

Relevance < 1 of 1 >

1 Embodied learning of science concepts through augmented reality technology

Mansour, N; Aras, C; (...); Alotaibi, SBM

2024Nov 2024 (Early Access) | EDUCATION AND INFORMATION TECHNOLOGIES

71 References

Enriched Cited References

Augmented Reality (AR) revolutionizes educational approaches by providing an immersive experience that superimposes virtual 3D elements onto the physical environment. This integration of virtual and real worlds addresses the challenge of understanding abstract concepts by enabling three-dimensional visualization and interaction. This study aims to asse ... Show more

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Related records ?

2 An innovative approach in middle school science courses: effects of collaborative augmented reality activities on motivation, cognitive load, and satisfaction

Küçük, S; Turan, Z; (...); Gürsoy, T

2024Sep 2024 (Early Access) | INTERACTIVE LEARNING ENVIRONMENTS

1 Citation

47 References

16 ?

Sağ tıklayarak Yazdır dediğinizde Hedef kısmında PDF olarak kaydet diyerek sayfayı bilgisayarınıza kaydedin ve sisteme PDF olarak yükleyin.

The image shows a Web of Science search results page. The search results are filtered for the year 2024. The first result is "Embodied learning of science concepts through augmented reality technology" with 71 references. The second result is "An innovative approach in middle school science courses: effects of collaborative augmented reality activities on motivation, cognitive load, and satisfaction" with 47 references. A dropdown menu is open over the "Yazdır" (Print) button, showing options: "Hedef" (Target) with a "PDF olarak kaydet" (Save as PDF) option, "Sayfalar" (Pages) set to "Tümü" (All), "Düzen" (Layout) set to "Dikey" (Vertical), and "Daha fazla ayar" (More settings). The "Kaydet" (Save) button is highlighted in blue.

DİĞER ATIFLAR İÇİN KANIT ÜRETİLMESİ

Atıflar için kanıt üretilmesi süreci iki ayrı işlem ile gerçekleştirilmektedir.

1- Atıf verilen makaleye dair linklerin paylaşılması;

Bu işlem için sırasıyla aşağıdaki basamakları takip etmeniz gerekmektedir.

- a- Google Scholar hesabınıza girerek yayınlarınız ve yayınlarınıza yapılan atıf sayılarının olduğu ekrana ulaşın. Bu ekranda atıf bilgisi vermek istediğiniz makalenin yanında yer alan toplam alıntı sayısı belirten sayıya tıklayarak atıflarınızın olduğu listeye ulaşın.



Çağdaş Erbaş

Computer Education & Instructional Technology
erzincan.edu.tr üzerinde doğrulanmış e-posta adresine sahip - [Ana Sayfa](#)
Augmented Reality Virtual Reality Educational Technology

TAKIP ET

Toplam Alıntı Sayısı

BAŞLIK	ALINTI YAPANLAR	YIL
<input type="checkbox"/> The effects of augmented reality on students' academic achievement and motivation in a biology course Ç Erbaş, V Demirer Journal of Computer Assisted Learning 35 (3), 450-458	164	2019
<input type="checkbox"/> Eğitimde Artırılmış Gerçeklik Uygulamaları: Google Glass Örneği Ç Erbaş, V Demirer Journal of Instructional Technologies & Teacher Education 3 (2), 8-16	133	2014
<input type="checkbox"/> Mobil artırılmış gerçeklik uygulamalarının incelenmesi ve eğitimsel açıdan değerlendirilmesi V Demirer, Ç Erbaş Mersin Üniversitesi Eğitim Fakültesi Dergisi 11 (3)	112	2015
<input type="checkbox"/> Mobil artırılmış gerçeklik uygulamalarının öğrencilerin akademik başarı ve motivasyonuna etkisi Ç Erbaş Süleyman Demirel Üniversitesi Eğitim Bilimleri Enstitüsü	51	2016
<input type="checkbox"/> Eğitimde sanal ve artırılmış gerçeklik uygulamaları Ç Erbaş, V Demirer Eğitim Teknolojileri Okumaları, 131-148	25 *	2015
<input type="checkbox"/> Trends in studies on virtual learning environments in Turkey between 1996-2014 Years: A content analysis V Demirer, Ç Erbaş Turkish Online Journal of Distance Education 17 (4)	13	2016
<input type="checkbox"/> Media literacy training for prospective teachers: Instructional design process and its evaluation V DEMİRER, E BARUT, Ç ERBAŞ, CH Dikmen, SAK Nurcan Cukurova University Faculty of Education Journal 45 (1), 49-70	9	2016
<input type="checkbox"/> A Content Analysis of Augmented Reality Studies Published in 2017 Ç Erbaş, S Akdoğan	7	2020

b- Atıf yapan makalelerin sadece 2023 yılına ait olması için sol taraftaki menüde yer alan özel aralık alanındaki her iki kutuya 2023 yazarak “Ara” deyin.

Google Akademik

Makaleler Yaklaşık 164 sonuç bulundu (0,02 sn)

Tüm zamanlar
2024 yılından beri
2023 yılından beri
2020 yılından beri

Ozel aralik...

2023 — 2023

Ara

Atıfların Aranacağı
Tarih Yıl Aralığı

Herhangi bir dil
Türkçe sayfalarda ara

Uyarı oluştur

The effects of augmented reality on students' academic achievement and motivation in a biology...

Alıntı yapılan makalelerde ara

Augmented reality in language learning: A state-of-the-art review of 2014–2019 [PDF] wiley.com
Full View
A Parmaxi, AA Demetriou - Journal of Computer Assisted ..., 2020 - Wiley Online Library
This systematic review study synthesizes research findings pertaining to the use of augmented reality (AR) in language learning. Published research from 2014 to 2019 has ...
☆ Kaydet Alıntı yap Alıntılanma sayısı: 152 İlgili makaleler 5 sürümün hepsi Web of Science: 64

[HTML] A systematic review of augmented reality in science, technology, engineering and mathematics education [HTML] springer.com
Full View
R Hidayat, Y Wardat - Education and Information Technologies, 2023 - Springer
Augmented Reality has found extensive use as an interactive technology in various learning and educational environments. However, a previous systematic review (SR) lacked a ...
☆ Kaydet Alıntı yap Alıntılanma sayısı: 5

[HTML] Impact of augmented reality technology on academic achievement and motivation of students from public and private Mexican schools. A case study in a ... [HTML] sciencedirect.com
FullText@GiresunUnLibrary
MB Ibañez, AU Portillo, RZ Cabada, ML Barrón - Computers & Education, 2020 - Elsevier
In this paper, the authors show that augmented reality technology has a positive impact on learning-related outcomes of middle-school Mexican students. However, the impact varies ...
☆ Kaydet Alıntı yap Alıntılanma sayısı: 193 İlgili makaleler 4 sürümün hepsi Web of Science: 71

Augmented reality and virtual reality for learning: An examination using an extended technology acceptance model [PDF] ieee.org
Full View
J Jang, Y Ko, WS Shin, I Han - IEEE access, 2021 - ieeeexplore.ieee.org
As the educational possibilities of AR (Augmented Reality) and VR (Virtual Reality) are getting more attention, understanding teachers' readiness to integrate new technologies for ...
☆ Kaydet Alıntı yap Alıntılanma sayısı: 139 İlgili makaleler 3 sürümün hepsi Web of Science: 54

Enhancing students' biology learning by using augmented reality as a learning supplement
C Weng, S Otanga, SM Christianto... - Journal of Educational ..., 2020 - journals.sagepub.com
The purpose of this study was to investigate the effects of augmented reality (AR) technology on students' learning outcomes (measured according to Bloom's cognitive levels) and ...
☆ Kaydet Alıntı yap Alıntılanma sayısı: 105 İlgili makaleler 3 sürümün hepsi Web of Science: 36

c- 2023 yılında yayınlanan makalelerin listesinde size atıf yapan makaleye ulaşmak için makale adına tıklayın.

The screenshot shows a Google Scholar search results page. The search query is 'A systematic review of augmented reality in science, technology, engineering and mathematics education'. The results are sorted by relevance. The first result is highlighted with a red box. The search filters on the left show 'Tüm zamanlar' (All time) and '2023 yılından beri' (From 2023 onwards). The search results list several articles, with the first one being the most relevant. The highlighted article is 'A systematic review of augmented reality in science, technology, engineering and mathematics education' by R Hidayat, Y Wardat, published in Education and Information Technologies, 2023 - Springer. The abstract mentions that Augmented Reality has found extensive use as an interactive technology in various learning and educational environments. The search results also show other related articles, such as 'The effects of mobile technology usage on cognitive, affective, and behavioural learning outcomes in primary and secondary education: A systematic review with meta...' and 'How augmented reality affected academic achievement in K-12 education—a meta-analysis and thematic-analysis'.

d- Açılan ekranda size atıf yapan makalenin linkini kopyalayarak aşağıda belirtilen yapıya uygun olarak tesvik.ebyu.edu.tr sitesindeki yazım alanına yapıştırınız.

1-) 1.Yayının Bağlantı Adresi(linki)

2-) 1. Yayımına verilen Atıf Bağlantı Adresi 1 (linki)

3-) 1. Yayımına verilen Atıf Bağlantı Adresi 2 (linki)

The screenshot shows the Springer Link article page for 'A systematic review of Augmented Reality in Science, Technology, Engineering and Mathematics education'. The article is published in Education and Information Technologies, 2023. The authors are Biyan Hidayat and Youssef Wardat. The article has 517 accesses and 3 citations. The abstract states: 'Augmented Reality has found extensive use as an interactive technology in various learning and educational environments. However, a previous systematic review (SR) lacked a framework to identify the various types of augmented reality utilized, the types of technology employed, and the types of augmented parameters involved. The primary objective of this study was to review current studies in which Augmented Reality learning was used to assist Science, Technology, Engineering and Mathematics education. This ...'. The page also includes a 'Download PDF' button and a 'Cite this article' link.

ATIFLAR İÇİN SOMUT KANIT ÜRETİLMESİ

Atıflar için somut kanıt üretimi aşağıda yer alan dört basamaktan oluşmaktadır.

1- Atıf yapılan dergi indeksinin belirlenerek kanıtlanması;

Dergi internet sitesinde Dizinler, Abstracting ya da Indexing sekmesi altında derginin hangi indekslerde tarandığını belirten ekranın görüntüsü alınarak kanıt dosyasına eklenir.

İnsan ve Toplum Bilimleri Araştırmaları Dergisi Dergi adı

Dizinler

Her veri tabanından dergilerin dizin güncelliği kontrol edilmelidir. DergiPark sorumluluk almamaktadır.

Atıf Dizinleri **İNDEKS BİLGİSİ**

TR Dizin

Diğer Dizinler

- EBSCO (Sociology Source Ultimate)
- Index Islamicus
- MLA International Bibliography
- Education Full Text (H. W. Wilson) Database Coverage List

- Dergi Ana Sayfası
- Hakkında
- Amaç ve Kapsam
- Makale Gönder
- Dergi Kurulları
- İstatistikler
- Yazım Kuralları
- Etik İlkeler ve Yayın Politikası
- Ücret Politikası
- Dizinler
- Arşiv
- İletişim
- Özel Sayı
- Yayıncı
- Açık Erişim Politikası
- Lisanslama Politikası

2- Atıf yapan makale kapak sayfasının görüntüsünün alınması;

Atıf yapan makalenin başlığı, yayımlandığı dergi adı ve yazar bilgilerinin yer aldığı kapak sayfasına ait ekran görüntüsü ya da pdf çıktısı kanıt dosyasına eklenir.

İnsan ve Toplum Bilimleri Araştırmaları Dergisi
Journal of the Human and Social Science Researches
(2147-1183)

2023, 12 (5), 2725-2742 | Research Article

Teaching Turkish-Islamic Scholars in Mobile Augmented Reality Environment: Its Effect on Students' Scientific Attitudes

Peilin YILDIRIM¹ Gonca KEÇEÇİ²

Abstract

Science history showcases scientific thought's evolution and discoveries to students. Some topics include abstract concepts, making them challenging. Technology enhances teaching history of science, making it more effective and accessible. This study aims to examine the influence of teaching the lives of Turkish-Islamic scholars who have made significant contributions in various scientific disciplines such as anatomy, chemistry, and physics through TISAR-3D, a Mobile Augmented Reality (MAR) based learning environment, on secondary school students' scientific attitudes. A quasi-experimental method was employed in this study. This study was conducted in a public school in Elazığ, involving a total of 80 students in the 7th grade. Half of these students were assigned to the experimental group, while the other half formed the control group. The study was carried out for a duration of eight weeks on the experimental and control groups. The study lasted for eight weeks and consisted of an experiment group and a control group. The TISAR-3D application was used in the experiment group, while reading texts were used in the control group. The data obtained through the Scientific Attitude Scale were analyzed quantitatively using the SPSS 22 software package, and ANCOVA was applied. The study found that although the average scientific attitude scores of students in the experiment group, where the MAR application was used, were higher than the average scores of students in the control group, where reading texts were used, there was no statistically significant difference. Although primary textbooks are accessible to all students, insufficient coverage of Turkish-Islamic scholars and unfamiliarity with practical scholars may explain the lack of significant differences in scientific attitudes. Also, an eight-week study may not sufficiently alter students' scientific attitudes. By designing longer-term studies, a better understanding of how scientific attitudes develop and change over time can be achieved.

Keywords: Science History, Science Education, Mobile Augmented Reality, Turkish-Islamic Scholars, Secondary School Students, Scientific Attitude

YILDIRIM, P., & KEÇEÇİ, G. (2023). Teaching Turkish-Islamic Scholars in Mobile Augmented Reality Environment: Its Effect on Students' Scientific Attitudes. Journal of the Human and Social Science Researches, 12(5), 2725-2742. <https://doi.org/10.15869/insobid.1325457>

Date of Submission	10.07.2023
Date of Acceptance	02.11.2023
Date of Publication	31.12.2023

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² Assoc. Prof., Firat University, Faculty of Education, Department of Mathematics and Science Education, Elazığ, Türkiye, gkececi@firat.edu.tr, ORCID: 0000-0002-2902-3809.

3- Atıf yapan makalede metin ii atıf gsterimi;

Atıf yapan makalede metin iinde yapılan atıfın bulunduėu sayfaya ait ekran grntüsü ya da pdf ıktısı kanıt dosyasına eklenir.

Introduction

In today's era, education activities without the inclusion of technology cannot meet the needs of individuals or societies (Karasar, 2004). Technology maintains a prominent presence in every aspect of our lives. Education must adapt to these advancements and be intertwined with technology. Particularly, new generation technologies such as Augmented Reality (AR) have the potential to transform education.

AR holds a significant position in the field of education as an innovative and promising area of research and application. AR overlays virtual information onto the real world, introducing new and interactive methods of learning (Billinghurst, Clark & Lee, 2015). It is categorized as a form of mixed reality, where virtual objects are seamlessly integrated into the real environment, creating an immersive learning experience (Milgram, Takemura, Utsumi & Kishino, 1995; Pan, Lpez, Li & Liu, 2021). According to the Horizon reports AR technology is predicted to have a significant impact on education in the future (Cai, Wang & Chiang, 2014). A report from 2012 also emphasizes the potential impact of integrating AR into education within the next 4-5 years. Likewise, some experts assert that AR holds the potential for transformative effects in education (Kiryakova, Angelova & Yordanova, 2018).

AR has gained significant interest and research attention in the field of education in recent years. This technology provides numerous benefits in education. It enables students to visualize and comprehend abstract or complex concepts through visual and concrete representations (Radu, 2014; Yildirim, 2018; Johnson, Levine, Smith & Stone, 2010; Kecci, Yildirim & Kirbaė Zengin, 2021a; Wu, Lee, Chang & Liang, 2013). AR offers an interactive learning experience, encouraging active student engagement, and providing personalized learning opportunities tailored to individual needs (Ibnez, Di-Serio, Villarn-Molina & Delgado-Kloos, 2016; Yusoff & Dahlan, 2013). Furthermore, AR enhances motivation and stimulates interest, enabling students to learn more effectively (Akkus, 2021; Chang & Hwang, 2018; Erbas & Demirer, 2019; Georgiou & Kyza, 2018; Hung, Chen & Huang, 2017). AR also plays a crucial role in distance education by offering virtual classroom experiences, overcoming geographical limitations, and increasing accessibility to education (Erbas & Demirer, 2014). With all these benefits, AR is emerging as a transformative tool in education, shaping the future of learning. This study aims to examine the influence of teaching the lives of Turkish-Islamic scholars in a Mobile Augmented Reality (MAR) learning environment called TISAR-3D on secondary school students' scientific attitudes.

History of science is a discipline that examines the development process of scientific knowledge, the emergence of theories, situations where society can contribute to science, the struggles of scientists, the tools they use, the general recognition of scientific activities, and the societal responses to scientific outcomes (Matthews, 1994; Topdemir & Unat, 2014). Including the history of science in education is crucial for offering students a comprehensive understanding of the evolution of scientific breakthroughs. Insufficient availability of learning resources regarding the history of science has a detrimental impact on the teaching process (Henke & Httecke, 2015). Traditional methods of teaching can lead to student boredom and difficulty in understanding the subject (Duman, 2023; Utkugun & Yildirim, 2023). Therefore, the use of technological applications is important for making the teaching process more effective. However, existing technological applications are not sufficient for teaching the history of science.

4- Atıf yapan makalede kaynakça gösterimi;

Atıf yapan makalenin kaynakçasında size ait atfın bulunduğu sayfaya ait ekran görüntüsü ya da pdf çıktısı kanıt dosyasına eklenir.

Chi, S., Wang, Z., & Qian, L. (2023). Scientists in the textbook. *Science & Education*, Erişim adresi: <https://doi.org/10.1007/s11191-022-00414-3>

Cohen, J., Cohen, P., West, S. G., & Aiken, L. S. (2013). *Applied multiple regression/correlation analysis for the behavioral sciences*. New York: Routledge.

Coskun, M. (2018). *Mobil uygulama ve artırılmış gerçeklik ile desteklenen öğretimin, güneş sistemi ve ötesi ünitesinde öğrencilerin akademik başarılarına, astronomiye yönelik tutumları ve fen dersine yönelik kaygı ve motivasyonlarına etkisi [The impact of the teaching supported with mobile application and augmented reality on motivation and anxiety about science lesson, attitude towards astronomy, and academic success of students]* (Master thesis). Ulusal Tez Merkezi veri tabanından erişildi (Erişim No. 524836).

Demirbas, M., & Yagbasan, R. (2006). Fen bilgisi öğretiminde bilimsel tutumların işlevsel önemi ve bilimsel tutum ölçeğinin Türkçe'ye uyarlanma çalışması [Functional importance of scientific attitudes in science teaching and adaptation study of scientific attitude scale into Turkish]. *Journal of Uludag University Faculty of Education*, 19(2), 271-299. Erişim adresi: <https://dergipark.org.tr/tr/download/article-file/153293>

DiGiuseppe, M. (2014). Representing nature of science in a science textbook: Exploring author–editor–publisher interactions. *International Journal of Science Education*, 36(7), 1061-1082. Erişim adresi: <https://doi.org/10.1080/09500693.2013.840405>

Duman, P. (2023). Sosyal bilgiler öğretmenlerinin derslerinde kullandıkları yöntem ve tekniklere ilişkin görüşleri [Opinions of social studies teachers about the methods and techniques they use in their lessons]. *International Journal of Progressive Studies in Education (İJOPSE)*, 1(1), 31-50. Erişim adresi: <https://doi.org/10.5281/zenodo.7651441%20>

Duran, M. (2008). *Fen öğretiminde bilimsel süreç becerilerine dayalı öğrenme yaklaşımının öğrencilerin fene yönelik tutumlarına etkisi [The effects of scientific process skills in science teaching on students' attitudes towards science]* (Master thesis). Ulusal Tez Merkezi veri tabanından erişildi (Erişim No. 179560).

Emren, M. (2018). *Bilim tarihi destekli işlenen "canlılarda enerji dönüşümleri" ünitesinin, lise öğrencilerinin, bilime ve biyoloji dersine olan tutumları ve bilimin doğası anlayışları üzerine etkisinin incelenmesi [An assessment of the effects of biology lessons enriched with the history of science on students' attitudes towards science and biology lessons and understandings of nature science: A case of 'Energy transformation in organisms' unit]* (Master thesis). Ulusal Tez Merkezi veri tabanından erişildi (Erişim No. 490684).

Erbaş, C., & Demirel, V. (2014). Eğitimde artırılmış gerçeklik uygulamaları: Google Glass örneği [Augmented reality applications in education: The example of Google Glass]. *Journal of Instructional Technologies and Teacher Education*, 3(2), 8-16. Erişim adresi: <https://dergipark.org.tr/en/download/article-file/231319>

Erbaş, C., & Demirel, V. (2019). The effects of augmented reality on students' academic achievement and motivation in a biology course. *Journal of Computer Assisted Learning*, 35(3), 450-458. Erişim adresi: <https://doi.org/10.1111/jcal.12350>

George, D., & Mallery, P. (2003). *SPSS for Windows step by step: A simple guide and reference, 11.0 update* (4th ed.). Boston: Allyn & Bacon/Pearson Education.

Georgiou, Y., & Kyza, E. A. (2021). Bridging narrative and locality in mobile-based