

Prof. İLBİLGE DÖKME

Personal Information

Email: ilbilgedokme@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/ilbilgedokme>

International Researcher IDs

ScholarID: [jvC9h04AAAAJ](https://orcid.org/0000-0003-0227-6193)

ORCID: [0000-0003-0227-6193](https://orcid.org/0000-0003-0227-6193)

Publons / Web Of Science ResearcherID: [ABH-8158-2020](https://publons.com/author/ABH-8158-2020)

ScopusID: [12645224200](https://scopus.com/authid/detail.url?authorID=12645224200)

Yoksis Researcher ID: [132755](https://yoksis.gazi.edu.tr/132755)

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Fizik (Dr), Turkey 1996 - 2002

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Fizik Eğitimi (YI) (Tezli), Turkey 1990 - 1995

Undergraduate, Gazi University, Gazi Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Turkey 1986 - 1990

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Al/p-Si ve Au/n-Si schottky diyotlarda I-V ve C-V karakteristiklerinin geniş bir sıcaklık aralığında analizi, Gazi University, Fen Bilimleri Enstitüsü, 2002

Postgraduate, Çinkonun iletkenliği ve taşıyıcı yoğunluğunun Hall olayı ile bulunması, Gazi University, Fen Bilimleri Enstitüsü, Fizik Eğitimi (YI) (Tezli), 1995

Research Areas

Education in Natural Sciences, Teacher Training, Physics

Academic Titles / Tasks

Professor, Gazi University, Gazi Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, 2013 - Continues

Associate Professor, Gazi University, Gazi Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, 2008 - 2011

Assistant Professor, Gazi University, Gazi Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, 2003 - 2007

Academic and Administrative Experience

Rectorate Commissioner, Gazi University, Gazi Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi, 2021 - 2024

Courses

Fizik III, Undergraduate, 2020 - 2021
Fen Eğitimi Araştırmalarında Özel Konular, Doctorate, 2020 - 2021
Okul Deneyimi, Undergraduate, 2020 - 2021
Meta Veri Analizi, Doctorate, 2020 - 2021
Bilimsel Süreç Becerileri, Postgraduate, 2020 - 2021
MODERN FİZİĞE GİRİŞ, Undergraduate, 2017 - 2018
Uzmanlık Alan Dersi, Undergraduate, 2017 - 2018
Fizik III, Undergraduate, 2017 - 2018
SPSS Uygulamaları, Postgraduate, 2017 - 2018
FİZİK-I, Undergraduate, 2017 - 2018
FİZİK-II, Undergraduate, 2017 - 2018
Teorik ve Uygulamalı Test İstatistiği, Postgraduate, 2017 - 2018
Excel ve SPSS Uygulamaları Temel İstatistik, Postgraduate, 2017 - 2018
FİZİKTE ÖZEL KONULAR, Undergraduate, 2017 - 2018
Genel Fizik I, Undergraduate, 2017 - 2018
GENEL FİZİK-III, Undergraduate, 2017 - 2018
Fen Eğitimi Araştırmalarında Özel Konular I, Postgraduate, 2017 - 2018

Advising Theses

Dökme İ., Üç aşamalı robotik STEM uygulamalarının ortaokul öğrencilerinin fen dersine yönelik tutumlarına ve STEM mesleki ilgilerine etkisi, Postgraduate, Z.ŞENGÜLER(Student), 2024
Dökme İ., Robotik STEM uygulamalarının fen bilimleri öğretmen adaylarının başarı, ilgi, performans ve STEM öğretmen kimliği hakkındaki görüşlerine etkisi, Doctorate, E.EREN(Student), 2024
Dökme İ., Yılmaz S., 5. SINIF FEN BİLİMLERİ DERSİ ELEKTRİK ÜNİTESİNDE PhET – SİMÜLASYON UYGULAMASININ ÖĞRENCİ BAŞARISINA VE ÖĞRENCİLERİN DİJİTAL YETKİNLİĞİNE ETKİSİ, Postgraduate, E.AKTULUM(Student), 2024
Dökme İ., Eğitsel amaçlı chatbotların fen eğitiminde kullanılmasının ortaokul öğrencilerinin akademik başarıları fen dersine yönelik ilgileri ve bilişüstü becerileri üzerindeki rolü, Doctorate, T.YILMAZ(Student), 2024
Dökme İ., Ortaokul 8. sınıf öğrencilerine yönelik bilimsel muhakeme becerileri test geliştirme çalışması, Postgraduate, Z.ESLEM(Student), 2024
Dökme İ., Suriyeli ve Türk öğrencilerde robotik STEM uygulamalarının etkililiğinin karşılaştırmalı olarak incelenmesi, Doctorate, Y.ÖZKAN(Student), 2024
Dökme İ., Ortaokul öğrencilerinin inovasyon becerileri ve inovasyon becerilerini destekleyici öğrenme iklimi, Doctorate, B.KOCABAŞOĞLU(Student), 2023
Dökme İ., Öğrencilerin bilimsel muhakeme becerilerine ilişkin performanslarının çeşitli değişkenler açısından incelenmesi, Postgraduate, N.YILDIZ(Student), 2023
Dökme İ., Beklenti değer kuramı temelinde desteklenen stem uygulamalarının stem motivasyonu, stem kariyer ilgisi ve bilim merakı üzerindeki etkisi, Doctorate, A.AÇIKSÖZ(Student), 2023
Dökme İ., Ortaokul 8. sınıf öğrencilerinin hipotetik düşünerek değişkenleri belirleme ve kontrol etme becerilerini ölçmek için test geliştirme çalışması, Postgraduate, T.KAMANLI(Student), 2023
Dökme İ., Biçimlendirici değerlendirme ile zenginleştirilmiş 5E modelinin uygulandığı bir müdahale çalışması, Postgraduate, Ö.GARGIN(Student), 2023
DÖKME İ., Preparation And Practice Of Instructional Desing With Stem Approach In Electricity In Our Life In Secondary Science Course, Postgraduate, F.Kadir(Student), 2019
DÖKME İ., Ortaokul 8. sınıf fen bilimleri dersindeki "Yaşamımızdaki elektrik" konusunda stem yaklaşımı ile öğretim

tasarımı hazırlanması ve uygulanması, Postgraduate, F.KADİR(Student), 2019

DÖKME İ., The Effect Of Blended Learning On Cognitive And Some Affective Learning Outcomes Of Prospective Science Teachers, Postgraduate, E.EREN(Student), 2019

DÖKME İ., An action research of supporting inquiry learning with instruction technologies in science and technology course, Doctorate, Z.KOYUNLU(Student), 2015

DÖKME İ., Determination of Science Process Skills of Teacher Candidates In The Field of Science, Postgraduate, G.EROĞLU(Student), 2015

DÖKME İ., Developing a two-phased conceptual test to determine the misconceptions about work, Postgraduate, E.DEMİREL(Student), 2015

DÖKME İ., The effect of inquiry-based learning approach on conceptual understanding level of the unit particulate structure of matter and some learning outcomes, Doctorate, M.DURAN(Student), 2014

DÖKME İ., The effect of activities based on 5E learning model in the unit titled light and sound at the sixth grade science and technology lesson on learning outcomes, Doctorate, N.ÖZTÜRK(Student), 2013

DÖKME İ., Evaluation of garden based education models with agricultural application within the context of the sustainable environmental education, Postgraduate, N.SOMUNCU(Student), 2012

DÖKME İ., The effect of using metacognitive strategies on prospective science and technology teachers' achievements in special theory of relativity and attitudes towards quantum physics, Postgraduate, S.ALTUNSOY(Student), 2012

DÖKME İ., Adaptation and application of lawson's classroom test of science reasoning, Postgraduate, A.VOLKAN(Student), 2012

DÖKME İ., THE EFFECTS OF COMBINED APPLICATION OF COMPUTER SIMULATIONS AND LABROTORY ACTIVITIES ON THE STUDENTSz SCIENCE ACHIEVEMENT AND ATTITUDES OF TOWARDS COMPUTER, Postgraduate, Z.KOYUNLU(Student), 2011

DÖKME İ., EVALUATION OF SCIENCE PROCESS SKILL STUDY ON THE 6,7 AND 8. GRADE STUDENTS, Postgraduate, E.AYDINLI(Student), 2007

Jury Memberships

Post Graduate, Post Graduate, Gazi Üniversitesi, October, 2023

Doctorate, Doctorate, Gazi Üniversitesi, August, 2023

Doctorate, Doctorate, Gazi Üniversitesi, August, 2023

Post Graduate, Post Graduate, Gazi Üniversitesi, August, 2023

Doctorate, Doctorate, Hacettepe Üniversitesi, May, 2023

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, April, 2023

Doctorate, Doctorate, Gazi Üniversitesi, February, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An effective intervention using STEM instruction for improving preservice science teachers' self-efficacy**
Dökme İ., Koyunlu Ünlü Z.
RESEARCH IN SCIENCE & TECHNOLOGICAL EDUCATION, vol.42, no.4, pp.930-951, 2024 (SSCI)
- II. **Science curiosity: an analysis examining gender and parental influences**
Eren E., DÖKME İ.
Research in Science and Technological Education, 2024 (SSCI)
- III. **An effective intervention with a blended learning environment for improving cognitive learning and spiritual meaning**
Eren E., Dökme İ.
CULTURAL STUDIES OF SCIENCE EDUCATION, vol.17, no.4, pp.991-1012, 2022 (AHCI)
- IV. **A systematic review 5E model in science education: proposing a skill-based STEM instructional**

model within the 21-st century skills

Koyunlu Unlu Z., Dokme İ.

INTERNATIONAL JOURNAL OF SCIENCE EDUCATION, vol.44, no.13, pp.2110-2130, 2022 (SSCI)

- V. **Investigation of STEM fields motivation among female students in science education colleges**
Dökme İ., Aciksoz A., Koyunlu-Unlu Z.
INTERNATIONAL JOURNAL OF STEM EDUCATION, vol.9, no.1, 2022 (SCI-Expanded)
- VI. **The Challenge of Quantum Physics Problems with Self-Metacognitive Questioning**
Dökme İ., Koyunlu Ünlü Z.
RESEARCH IN SCIENCE EDUCATION, vol.51, no.SUPPL 2, pp.783-800, 2021 (SSCI)
- VII. **Multivariate Assessment of Middle School Students' Interest in STEM Career: a Profile from Turkey**
Koyunlu Unlu Z., Dökme İ.
RESEARCH IN SCIENCE EDUCATION, vol.50, pp.1217-1231, 2020 (SSCI)
- VIII. **The origin of anomalous peak and negative capacitance in the forward bias C-V characteristics of Au/n-GaAs contacts at low temperatures ($T \leq 300$ K)**
Dökme İ., Yeriskin S. A., Yıldırım M., Durmuş P.
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.22, pp.149-155, 2020 (SCI-Expanded)
- IX. **Distribution of interface traps in Au/2% GC-doped $\text{Ca}_3\text{Co}_4\text{Ga}_{0.001}\text{O}_x/\text{n-Si}$ structures**
Eroglu A. G., Yıldırım M., Durmuş P., Dokme İ.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.137, 2020 (SCI-Expanded)
- X. **The effect of the inquiry-based learning approach on student's critical-thinking skills**
Duran M., DÖKME İ.
EURASIA JOURNAL OF MATHEMATICS SCIENCE AND TECHNOLOGY EDUCATION, vol.12, no.12, pp.2887-2908, 2016 (SSCI)
- XI. **Electrical characteristics of p-Si/TiO₂/Al and p-Si/TiO₂-Zr/Al Schottky devices**
Taşdemir İ. H., Vural Ö., Dökme İ.
PHILOSOPHICAL MAGAZINE, vol.96, pp.1684-1693, 2016 (SCI-Expanded)
- XII. **Electrical Characteristics of Au/PVA (x-doped)/n-Si: Comparison Study on the Effect of Dopant Type in PVA**
Dökme İ., Altındal Ş.
FIBERS AND POLYMERS, vol.15, pp.2253-2259, 2014 (SCI-Expanded)
- XIII. **The effects of temperature, radiation, and illumination on current-voltage characteristics of Au/PVA(Co, Zn-doped)/n-Si Schottky diodes**
DÖKME İ., ALTINDAL Ş., USLU İ.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.125, no.2, pp.1185-1192, 2012 (SCI-Expanded)
- XIV. **The effect of gamma irradiation on electrical and dielectric properties of Al-TiW-Pd₂Si/n-Si Schottky diode at room temperature**
DÖKME İ., ALTINDAL Ş.
CURRENT APPLIED PHYSICS, vol.12, no.3, pp.860-864, 2012 (SCI-Expanded)
- XV. **Illumination intensity effects on the dielectric properties of schottky devices with Co, Ni-doped PVA nanofibers as an interfacial layer**
Dökme İ., Yıldız D. E., Altındal Ş.
ADVANCES IN POLYMER TECHNOLOGY, vol.31, pp.63-70, 2012 (SCI-Expanded)
- XVI. **Comparative Analysis of Temperature-Dependent Electrical and Dielectric Properties of an Al-TiW-Pd₂Si/n-Si Schottky Device at Two Frequencies**
DÖKME İ., ALTINDAL Ş.
IEEE TRANSACTIONS ON ELECTRON DEVICES, vol.58, no.11, pp.4042-4048, 2011 (SCI-Expanded)
- XVII. **Negative Dielectric Constant and Electrical Conductivity of Au/n-Si (111) Schottky Barrier Diodes with PVA/Ni,Zn Interfacial Layer**
Tunc T., Dokme İ., Altındal Ş., Uslu I.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.122, no.1, pp.265-272, 2011 (SCI-Expanded)
- XVIII. **THE EFFECT OF COMBINING ANALOGY-BASED SIMULATION AND LABORATORY ACTIVITIES ON**

TURKISH ELEMENTARY SCHOOL STUDENTS' UNDERSTANDING OF SIMPLE ELECTRIC CIRCUITS

Unlu Z. K., Dokme İ.

TURKISH ONLINE JOURNAL OF EDUCATIONAL TECHNOLOGY, vol.10, pp.320-329, 2011 (SSCI)

- XIX. **Frequency and gate voltage effects on the dielectric properties and electrical conductivity of Al/SiO₂/p-Si metal-insulator-semiconductor Schottky diodes**
Yildiz D. E., Dokme İ.
JOURNAL OF APPLIED PHYSICS, vol.110, no.1, 2011 (SCI-Expanded)
- XX. **Temperature dependent current-voltage (I-V) characteristics of Au/n-Si (1 1 1) Schottky barrier diodes with PVA(Ni,Zn-doped) interfacial layer**
Tunç T., Altındal Ş., Uslu İ., Dökme İ., Uslu H.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.14, no.2, pp.139-145, 2011 (SCI-Expanded)
- XXI. **The Au/polyvinyl alcohol (Co, Zn-doped)/n-type silicon Schottky barrier devices**
DÖKME İ., Tunc T., Uslu I., Altındal Ş.
SYNTHETIC METALS, vol.161, pp.474-480, 2011 (SCI-Expanded)
- XXII. **The analysis of I-V characteristics of Schottky diodes by thermionic emission with a Gaussian distribution of barrier height**
Dokme İ.
MICROELECTRONICS RELIABILITY, vol.51, no.2, pp.360-364, 2011 (SCI-Expanded)
- XXIII. **Anomalous Peak in the Forward-Bias C-V Plot and Temperature-Dependent Behavior of Au/PVA (Ni,Zn-doped)/n-Si(111) Structures**
TUNÇ T., ALTINDAL Ş., DÖKME İ., Uslu H.
JOURNAL OF ELECTRONIC MATERIALS, vol.40, no.2, pp.157-164, 2011 (SCI-Expanded)
- XXIV. **The forward bias current density-voltage-temperature (J-V-T) characteristics of Al-SiO₂-pSi (MIS) Schottky diodes**
Ozdemir S., DÖKME İ., ALTINDAL Ş.
INTERNATIONAL JOURNAL OF ELECTRONICS, vol.98, no.6, pp.699-712, 2011 (SCI-Expanded)
- XXV. **The dependence of electrical properties of Al/NphAOEMA/PEDOT-PSS/ITO structures on temperature**
Sahingoz R., Cavus H. K., Altındal Ş., Soykan C., Dokme İ.
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.4, no.12, pp.2132-2135, 2010 (SCI-Expanded)
- XXVI. **Illumination effect on electrical characteristics of organic-based Schottky barrier diodes**
Uslu H., ALTINDAL Ş., DÖKME İ.
JOURNAL OF APPLIED PHYSICS, vol.108, no.10, 2010 (SCI-Expanded)
- XXVII. **The Effect of Gamma Irradiation on Electrical Characteristics of Au/Polyvinyl Alcohol (Co, Zn-Doped)/n-Si Schottky Barrier Diodes**
Tascioglu I., Uslu H., Altındal Ş., Durmus P., Dokme İ., Tunc T.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.118, no.1, pp.596-603, 2010 (SCI-Expanded)
- XXVIII. **Temperature dependent capacitance and conductance-voltage characteristics of Au/polyvinyl alcohol(Co,Zn)/n-Si Schottky diodes**
Bulbul M. M., Bengi S., Dokme İ., Altındal Ş., Tunc T.
JOURNAL OF APPLIED PHYSICS, vol.108, no.3, 2010 (SCI-Expanded)
- XXIX. **Temperature dependent dielectric properties of Schottky diodes with organic interfacial layer**
Dokme İ., Tunc T., Altındal Ş., Uslu I.
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.4, no.8, pp.1225-1228, 2010 (SCI-Expanded)
- XXX. **Temperature dependent current-voltage (I-V) characteristics of Au/n-Si (111) Schottky barrier diodes (SBDs) with polyvinyl alcohol (Co, Ni-Doped) interfacial layer**
Tunc T., Dokme İ., Altındal Ş., Uslu I.
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.4, no.7, pp.947-950, 2010 (SCI-Expanded)

- XXXI. **The interface states and series resistance effects on the forward and reverse bias I-V, C-V and G/omega-V characteristics of Al-TiW-Pd2Si/n-Si Schottky barrier diodes**
Uslu H., Altindal Ş., AYDEMİR U., Dokme İ., Afandiyeva I. M.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.503, no.1, pp.96-102, 2010 (SCI-Expanded)
- XXXII. **Illumination effect on I-V, C-V and G/w-V characteristics of Al-TiW-Pd2Si/n-Si structures at room temperature**
Uslu H., Dokme İ., Afandiyeva I. M., Altindal Ş.
SURFACE AND INTERFACE ANALYSIS, vol.42, pp.807-811, 2010 (SCI-Expanded)
- XXXIII. **Temperature dependent electrical and dielectric properties of Au/polyvinyl alcohol (Ni, Zn-doped)/n-Si Schottky diodes**
Dokme İ., Altindal Ş., Tunc T., Uslu I.
MICROELECTRONICS RELIABILITY, vol.50, no.1, pp.39-44, 2010 (SCI-Expanded)
- XXXIV. **Frequency and Temperature Dependence of Dielectric Properties of Au/Polyvinyl Alcohol (Co, Ni-Doped)/n-Si Schottky Diodes**
TUNÇ T., Uslu I., DÖKME İ., ALTINDAL Ş., Uslu H.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS, vol.59, no.10, pp.739-756, 2010 (SCI-Expanded)
- XXXV. **Frequency and gate voltage effects on the dielectric properties of Au/SiO(2)/n-Si structures**
Dokme İ., ALTINDAL Ş., Gokcen M.
MICROELECTRONIC ENGINEERING, vol.85, no.9, pp.1910-1914, 2008 (SCI-Expanded)
- XXXVI. **The distribution of the barrier height in Al-TiW-Pd2Si/n-Si Schottky diodes from I-V-T measurements**
Dokme İ., ALTINDAL Ş., Afandiyeva I. M.
SEMICONDUCTOR SCIENCE AND TECHNOLOGY, vol.23, no.3, 2008 (SCI-Expanded)
- XXXVII. **Effects of gamma-ray irradiation on the C-V and G/omega-V characteristics of Al/SiO2/p-Si (MIS) structures**
Dokme İ., DURMUŞ P., ALTINDAL Ş.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.266, no.5, pp.791-796, 2008 (SCI-Expanded)
- XXXVIII. **The frequency and voltage dependent electrical characteristics of Al-TiW-Pd2Si/n-Si structure using I-V, C-V and G/omega-V measurements**
Afandiyeva I. M., Doekme İ., Altindal Ş., Abdullayeva L. K., Askerov S. G.
MICROELECTRONIC ENGINEERING, vol.85, no.2, pp.365-370, 2008 (SCI-Expanded)
- XXXIX. **Frequency and voltage effects on the dielectric properties and electrical conductivity of Al-TiW-Pd2Si/n-Si structures**
Afandiyeva I. M., Doekme İ., Altindal Ş., Buelbuel M. M., TATAROĞLU A.
MICROELECTRONIC ENGINEERING, vol.85, no.2, pp.247-252, 2008 (SCI-Expanded)
- XL. **On the profile of frequency and voltage dependent interface states and series resistance in MIS structures**
Dokme İ., Altindal Ş.
PHYSICA B-CONDENSED MATTER, vol.393, pp.328-335, 2007 (SCI-Expanded)
- XLI. **The C-V-f and G/omega-V-f characteristics of Au/SiO2/n-Si capacitors**
Dokme İ., Altindal Ş.
PHYSICA B-CONDENSED MATTER, vol.391, no.1, pp.59-64, 2007 (SCI-Expanded)
- XLII. **The effect of series resistance and oxide layer formed by thermal oxidation on some electrical parameters of Al/SiO2/p-Si Schottky diodes**
Dokme İ.
PHYSICA B-CONDENSED MATTER, vol.388, pp.10-15, 2007 (SCI-Expanded)
- XLIII. **The barrier height inhomogeneity in Al/p-Si Schottky barrier diodes with native insulator layer**
Dokme İ., Altindal Ş., Bulbul M. M.
APPLIED SURFACE SCIENCE, vol.252, no.22, pp.7749-7754, 2006 (SCI-Expanded)
- XLIV. **On the intersecting behaviour of experimental forward bias current-voltage (I-V) characteristics of**

Al/SiO₂/p-Si (MIS) Schottky diodes at low temperatures

Dokme İ., Altindal Ş.

SEMICONDUCTOR SCIENCE AND TECHNOLOGY, vol.21, no.8, pp.1053-1058, 2006 (SCI-Expanded)

XLV. The role of the interface insulator layer and interface states on the current-transport mechanism of Schottky diodes in wide temperature range

Altindal Ş., Dokme İ., Bulbul M. M., Yalcin N., Serin T.

MICROELECTRONIC ENGINEERING, vol.83, no.3, pp.499-505, 2006 (SCI-Expanded)

XLVI. Density of interface states, excess capacitance and series resistance in the metal-insulator-semiconductor (MIS) solar cells

Altindal Ş., TATAROĞLU A., Dokme İ.

SOLAR ENERGY MATERIALS AND SOLAR CELLS, vol.85, no.3, pp.345-358, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. Development and validation of STEM motivation scale for middle school students**
Aciksoz A., DÖKME İ., ÖNEN E.
INTERNATIONAL JOURNAL OF ASSESSMENT TOOLS IN EDUCATION, no.4, pp.699-720, 2024 (ESCI)
- II. Syrian migrant students' attitudes toward science: A comparative analysis with their Turkish peers, Phase I**
Özkan Y., Dökme İ.
School Science and Mathematics, vol.124, no.4, pp.232-248, 2024 (ESCI)
- III. ADAPTATION OF THE STEM ROLE IDENTITIES SCALE INTO TURKISH: A VALIDITY AND RELIABILITY STUDY**
Eren E., dökme i.
Trakya Eğitim Dergisi, vol.14, no.1, pp.356-367, 2024 (Peer-Reviewed Journal)
- IV. Evaluation of STEM Applications Used in Science Education**
Eren E., DÖKME İ.
Muğla Sıtkı Koçman Üniversitesi Eğitim Fakültesi Dergisi, vol.9, no.2, pp.669-681, 2022 (Peer-Reviewed Journal)
- V. ARAPÇA KONUŞAN ÖĞRENCİLERİN FEN'E YÖNELİK TUTUM ÖLÇEĞİNİN TÜRKÇE'YE UYARLANMASI**
Özkan Y., Açiksöz A., Dökme İ.
Mustafa Kemal Üniversitesi Eğitim Fakültesi Dergisi, vol.4, no.6, pp.9-21, 2020 (Peer-Reviewed Journal)
- VI. The Effect of Technology Supported Inquiry Based Learning in Science Education: Action Research**
Koyunlu Ünlü Z., Dökme İ.
JOURNAL OF EDUCATION IN SCIENCE, ENVIRONMENT AND HEALTH, vol.6, no.2, pp.120-133, 2020 (Peer-Reviewed Journal)
- VII. Adantation of the STEM Value-Expectancy Assessment Scale to Turkish Culture**
Aciksoz A., Ozkan Y., Dökme İ.
INTERNATIONAL JOURNAL OF ASSESSMENT TOOLS IN EDUCATION, vol.7, pp.177-190, 2020 (ESCI)
- VIII. Science Reasoning Levels of Prospective Science and Primary Teacher**
Yüzüak A. V., Dökme İ.
HACETTEPE UNIVERSITESI EGITIM FAKULTESI DERGISI-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, vol.34, pp.586-601, 2019 (ESCI)
- IX. Adaptation of Physics Metacognition Inventory to Turkish**
ÜNLÜ Z. K., DÖKME İ.
INTERNATIONAL JOURNAL OF ASSESSMENT TOOLS IN EDUCATION, vol.6, no.1, pp.125-137, 2019 (ESCI)
- X. Araştırmaya Dayalı Öğrenme Yaklaşımının Kavramsal Anlama Düzeyi ve Bazı Öğrenme Çıktıları Üzerine Etkisi**
Duran M., Dökme İ.
Trakya Eğitim Dergisi, vol.8, no.3, pp.545-563, 2018 (Peer-Reviewed Journal)
- XI. Ortaokul Öğrencilerinin Bilimsel Araştırma Kavramı Hakkındaki Metaforları**

- Koyunlu Ünlü Z., Dökme İ.
İnönü Üniversitesi Eğitim Fakültesi Dergisi, vol.19, no.1, pp.276-286, 2018 (Peer-Reviewed Journal)
- XII. **ÜST BİLİŞSEL FARKINDALIK İLE SORUMLULUK DUYGUSU VE DAVRANIŞI ARASINDAKİ İLİŞKİNİN İNCELENMESİ**
Demirel Ocak E., Dökme İ.
Journal of Research in Education and Teaching, vol.7, no.1, 2018 (Peer-Reviewed Journal)
- XIII. **ÜST BİLİŞ STRATEJİLERİNE DAYALI ÖĞRETİM UYGULAMALARININ AKADEMİK BAŞARIYA ETKİSİ: FEN BİLİMLERİ DERSİ ÖRNEĞİ**
Güven Ç., Selvi M., Dökme İ.
Journal of Research in Education and Teaching, vol.7, no.1, 2018 (Peer-Reviewed Journal)
- XIV. **Science Teacher Candidates' Epistemological Beliefs and Critical Thinking Disposition**
Ünlü Z. K., Dökme İ.
EURASIAN JOURNAL OF EDUCATIONAL RESEARCH, no.72, pp.203-220, 2017 (ESCI)
- XV. **THE EFFECT OF METACOGNITION INSTRUCTION ON SOLVING MATHEMATICAL PROBLEMS IN SCIENCE LESSONS**
Yıldız N., Dökme İ.
JOURNAL OF EDUCATIONAL AND INSTRUCTIONAL STUDIES IN THE WORLD, vol.7, no.4, 2017 (Peer-Reviewed Journal)
- XVI. **Özel Yetenekli Öğrencilerin FeTeMM'in Mühendisliği Hakkındaki İmajları**
Koyunlu Ünlü Z., Dökme İ.
Trakya Üniversitesi Eğitim Fakültesi Dergisi, vol.7, no.1, pp.196-204, 2017 (Peer-Reviewed Journal)
- XVII. **THE EFFECT OF METACOGNITIVE TEACHING APPLICATION IN SCIENCE LESSON ON THE SUCCESS OF 7th GRADE STUDENTS**
Sarıkaya M., Dökme İ., Palancı E.
Journal of Research in Education and Teaching, vol.6, no.4, 2017 (Peer-Reviewed Journal)
- XVIII. **Adaptation of the Science, Technology, Engineering, and Mathematics Career Interest Survey (STEM-CIS) into Turkish**
Koyunlu Ünlü Z., Dökme İ., Ünlü V.
EURASIAN JOURNAL OF EDUCATIONAL RESEARCH, no.63, pp.21-36, 2016 (ESCI)
- XIX. **5E Öğrenme Modeline Dayalı Etkinliklerin Öğrencilerin Bilimsel Süreç Becerileri ve Akademik Başarılarına Etkisi**
Öztürk Geren N., Dökme İ.
Mersin University Journal of the Faculty of Education, vol.11, no.1, pp.76-95, 2015 (Peer-Reviewed Journal)
- XX. **Adaptation of Lawson's Classroom of Science Reasoning Multiple Choice Version**
Yüzüak A. V., Dökme İ.
GÜJGEF, vol.35, no.3, pp.443-456, 2015 (Peer-Reviewed Journal)
- XXI. **İlköğretim 7 Sınıf Öğrencilerinin Fen ve Teknoloji Dersine Yönelik Motivasyonlarının Bazı Değişkenler Açısından İncelenmesi**
Demir R., Öztürk Geren N., Dökme İ.
Mehmet Akif Ersoy Üniversitesi Eğitim Fakültesi Dergisi, no.23, pp.1-21, 2012 (Peer-Reviewed Journal)
- XXII. **Sınıf Öğretmeni Adaylarının Bazı Fizik Konularındaki Kavram Yanılgıları ve Ara Tırmada Uygulanan Tekniğin Ara Tırma Sonucuna Etkisi**
Tunç T., Hatice Kübra A., Dökme İ.
KURAM VE UYGULAMADA EĞİTİM BİLİMLERİ / EDUCATIONAL SCIENCES: THEORY & PRACTICE, vol.9, no.3, 2012 (Scopus)
- XXIII. **The Effect of the Technology Supported Science Education on Achievement and Attitudes of Students**
BENLİ ÖZDEMİR E., DÖKME İ.
INTERNATIONAL JOURNAL OF EDUCATIONAL ADMINISTRATION AND POLICY STUDIES (IJEAPS), vol.3, no.12, pp.219-221, 2011 (Peer-Reviewed Journal)
- XXIV. **ELEMENTARY SCHOOL 6TH GRADE STUDENTS ATTITUDES TOWARDS TECHNOLOGY AND THEIR OPINIONS ABOUT TEACHING SCIENCE AND TECHNOLOGY COURSE THROUGH INTERACTIVE**

WHITEBOARD

Demir R., Öztürk Geren N., Dökme İ.

JOURNAL OF EDUCATIONAL AND INSTRUCTIONAL STUDIES IN THE WORLD, vol.1, no.1, pp.64-71, 2011 (Peer-Reviewed Journal)

- XXV. **Primary School Teacher Candidates Misconceptions on Some Fundamental Science Concepts with Three Annotated Questions**
Tunç T., Hatice Kübra A., Dökme İ.
GÜ, Gazi Eğitim Fakültesi Dergisi, vol.31, no.2, pp.817-842, 2011 (Peer-Reviewed Journal)
- XXVI. **FEN BİLGİSİ ÖĞRETMENLİĞİ ÖĞRENCİLERİNİN EĞİTİMDE TEKNOLOJİKULLANIMINA İLİŞKİN TUTUMLARI VE GÖRÜŞLERİ**
Öztürk Geren N., Demir R., Dökme İ.
iconte, vol.1, 2011 (Peer-Reviewed Journal)
- XXVII. **The effect of the technology supported science education on achievement and attitudes of students**
Esra B., Dökme İ.
International Journal of Education Administration and Policy Studies, vol.3, no.12, pp.219-221, 2011 (Peer-Reviewed Journal)
- XXVIII. **Turkish primary school students performance on basic science process skills**
Dökme İ., Emek A.
Procedia - Social and Behavioral Sciences, vol.1, no.1, pp.544-548, 2009 (Peer-Reviewed Journal)
- XXIX. **Milli Eğitim Bakanlığı MEB İlköğretim 6 Sınıf Fen Bilgisi Ders Kitabının Bilimsel Süreç Becerileri Yönünden Değerlendirilmesi**
Dökme İ.
ELEMENTARY EDUCATION ONLINE, vol.4, no.1, pp.7-17, 2005 (Scopus)

Books & Book Chapters

- I. **Sosyal ve Fen Eğitiminde Güncel Araştırmalar**
Dökme İ. (Editor), Yüzüak A. V. (Editor)
Akademisyen Kitabevi, Ankara, 2024
- II. **Nitel Eğitim Araştırmalarında Veri-Analiz İle İlgili Temel Kavramlar ve Örnek Spss Uygulamaları**
Dökme İ.
in: Sosyal ve Fen Eğitiminde Güncel Araştırmalar, İlbelge DÖKME, Ahmet Volkan YÜZÜAK, Editor, Akademisyen Kitabevi, Ankara, pp.1-16, 2024
- III. **Bilim Sanat Eğitim Merkezlerine Kayıtlı Olma Durumuna Göre Öğrencilerinin Bilimsel Muhakeme Becerileri ve LGS Puanları**
Yıldız N., Dökme İ.
in: Sosyal ve Fen Eğitiminde Güncel Araştırmalar, İlbelge Dökme, Ahmet Volkan Yüzüak, Editor, Akademisyen Kitabevi, Ankara, pp.125-132, 2024
- IV. **FEN EĞİTİMİ ARAŞTIRMALARINA GÜNCEL BAKIŞ IX**
Dökme İ. (Editor)
Akademisyen Kitabevi, Ankara, 2023
- V. **FEN ALANINDAKİ ÖĞRETMEN ADAYLARININ BİLİMSEL SÜREÇ BECERİLERİNİN TESPİTİ: TÜRKİYE VE MALEZYA ÖRNEKLERİ1**
Eroğlu G., Dökme İ.
in: FEN EĞİTİMİ ARAŞTIRMALARINA GÜNCEL BAKIŞ IX, İlbelge Dökme Ahmet Volkan Yüzüak, Editor, Akademisyen Kitabevi, Ankara, pp.205-225, 2023
- VI. **BİR FEN DERSİ SONRASINDA DERS İÇERİĞİNE YÖNELİK ÖĞRENCİLERİN DURUMSAL İLGİLERİNİ BELİRLEYEN ÖLÇME ARACININ TÜRKÇE'YE UYARLANMASI: GEÇERLİK VE GÜVENİRLİK ÇALIŞMASI**
Eren E., Dökme İ.
in: FEN EĞİTİMİ ARAŞTIRMALARINA GÜNCEL BAKIŞ IX, İlbelge Dökme, Ahmet Volkan Yüzüak, Editor, Akademisyen

Kitabevi, Ankara, pp.85-96, 2023

VII. **Fen Eğitimi Araştırmalarına Güncel Bakış - V**

Dökme İ. (Editor)

Akademisyen Kitabevi, Ankara, 2022

VIII. **Tekrarlı Ölçümlerde Tek Faktörlü Varyans Analizi-Ranova (Repeated Measures-Analysis Of Variance)**

Dökme İ.

in: FEN EĞİTİMİ ARAŞTIRMALARINAGÜNCEL BAKIŞ - V, İlbilge Dökme,Ahmet Volkan Yüzüak, Editor, Akademisyen, Ankara, pp.1-14, 2022

IX. **Fen Eğitiminde Beceriler**

Dökme İ. (Editor)

Akademisyen Kitabevi, Ankara, 2021

X. **3. Bölüm Bilimsel Muhakeme Becerileri**

Dökme İ.

in: Fen Eğitiminde Beceriler, İlbilge Dökme, Editor, Akademisyen Kitabevi, Ankara, pp.17-25, 2021

XI. **2. Bölüm Bilimsel Süreç Becerileri**

Dökme İ.

in: Fen Eğitiminde Beceriler, İlbilge Dökme, Editor, Akademisyen Kitabevi, Ankara, pp.7-15, 2021

XII. **1. Bölüm 21. Yüzyıl Becerileri Kapsamında Fen Eğitiminde Beceriler**

Dökme İ.

in: Fen Eğitiminde Beceriler, İlbilge DÖKME, Editor, Akademisyen Kitabevi, Ankara, pp.1-5, 2021

XIII. **Special Topics in Science Education Research**

Dökme İ. (Editor)

Akademisyen Kitapevi, Ankara, 2020

XIV. **Fen Eğitimi Araştırmalarında Güncel Bakış**

Dökme İ. (Editor), Benzer S. (Editor)

Akademisyen Yayınevi, Ankara, 2020

XV. **Fen Eğitimi Araştırmalarına Güncel Bakış**

Dökme İ. (Editor)

Akademisyen Kitap evi, Ankara, 2020

XVI. **Special Topics in Science Education Research**

Dökme İ., Benzer S. (Editor)

Akademisyen Yayınevi, Ankara, 2020

XVII. **A Two-Phased Conceptual Test to Help Reveal the Misconceptions About the Topic of "Work"**

Dökme İ., Demirel E.

in: Special Topics in Science Education Research, İlbilge Dökme,Semra Benzer, Editor, Akademisyen Kitapevi, Ankara, pp.1-21, 2020

XVIII. **Bölüm 3 Revize Edilmiş Bilimsel Tutum Ölçeğinin Türkçeye Uyarlanması**

Kılıç Ç., Dökme İ., Girgin S.

in: Fen Eğitimi Araştırmalarına Güncel Bakış, İlbilge Dökme,Semra Benzer, Editor, Akademisyen Kitapevi, Ankara, pp.33-44, 2020

XIX. **Bölüm 2: Öğrenme Ortamlarında (Okullarda, Evlerde, Müzelerde ve Sosyal Toplulukta) Bilim Meraki Ölçeğinin Türkçe'ye Uyarlanması: Geçerlik ve Güvenirlik Çalışması.**

Irmak Z., Dökme İ.

in: Fen Eğitimi Araştırmalarına Güncel Bakış, İlbilge Dökme Semra Benzer, Editor, Akademisyen Kitapevi, Ankara, pp.19-31, 2020

XX. **Revize Edilmiş Bilimsel Tutum Ölçeğinin Türkçeye Uyarlanması**

Kılıç Ç., DÖKME İ., GİRGİN S.

in: Fen Eğitimi Araştırmalarına Güncel Bakış, İlbilge Dökme, Semra Benzer, Editor, Akademisyen, Ankara, pp.33-44, 2020

XXI. **Bilimsel Muhakeme Becerileri ile Düşünme Sanatı**

Ünlü Z. K., Yüzüak A. V., Gödek Y., Dökme İ. (Editor)

- Anı Yayıncılık, Ankara, 2019
- XXII. **Değişkenleri Belirleme ve Kontrol Etme Etkinlikleri**
DÖKME İ.
in: Bilimsel Muhakeme Becerileri İle Düşünme Sanatı, İlbilge DÖKME, Editor, Anı, Ankara, pp.110-150, 2019
- XXIII. **Bilimsel Muhakemenin Fen Başarısı ile İlişkisi**
Dökme İ.
in: Bilimsel Muhakeme ile Düşünme Sanatı, İlbilge Dökme, Editor, Anı, Ankara, pp.32-51, 2019
- XXIV. **Denge Etkinlikleri**
Dökme İ.
in: Bilimsel Muhakeme Becerileri İle Düşünme Sanatı, İlbilge Dökme, Editor, Anı, Ankara, pp.288-308, 2019
- XXV. **Bilimsel Muhakeme Becerilerine Genel Bir Bakış**
Dökme İ.
in: Bilimsel Muhakeme ile Düşünme Sanatı, İlbilge DÖKME, Editor, Anı, Ankara, pp.10-30, 2019
- XXVI. **Birleşik Değişken Etkinlikleri**
DÖKME İ.
in: Bilimsel Muhakeme Becerileri İle Düşünme Sanatı, İlbilge Dökme, Editor, Anı, Ankara, pp.245-288, 2019
- XXVII. **Fen Bilgisi Öğretmen Adaylarının Gözlem Yapabilme Becerilerinin Değerlendirilmesi**
Dökme İ.
in: Current Academic Studies in Education Sciences, Harun Şahin, Abidin Temizer, Fatma Erdoğan, Editor, ivpe , Cetinje, pp.652-672, 2018
- XXVIII. **İlk Öğretim 6 Sınıf Fen Bilgisi Ders Kitabı**
Güngör B., Yıldırım N., DÖKME İ., Baş B., Aydın R., Ülker S.
MEB, 2016
- XXIX. **Fen Öğretimi Laboratuvar Uygulamaları I II**
Doğan A., Dökme İ., Yılmaz M.
Palme Yayın Dağıtım, Ankara, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **SCIENTIFIC REASONING SKILLS TEST DEVELOPMENT STUDY FOR SECONDARY SCHOOL 8TH GRADE STUDENTS**
Duman Z. E., Dökme İ.
9TH INTERNATIONAL NEW YORK ACADEMIC RESEARCH CONGRESS, Alabama, United States Of America, 7 - 09 March 2024, pp.145-152
- II. **Pre-Service Science Teachers' Opinions About Being a STEM Teacher: A Pilot Study Based on the Perspective of STEM Teacher Identity**
Eren E., Dökme İ.
15th Conference of the European Science Education Research Association, Nevşehir, Turkey, 28 August - 01 September 2023, pp.123
- III. **Pre-Service Science Teachers' Experiences of Simulation Development Using Coding**
Eren E., Dökme İ.
15th Conference of the European Science Education Research Association, Nevşehir, Turkey, 28 August - 01 September 2023, pp.359
- IV. **ÖĞRENCİLERİN BİLİMSEL MUHAKEME BECERİLERİNE İLİŞKİN PERFORMANSLARININ ÇEŞİTLİ DEĞİŞKENLER AÇISINDAN İNCELENMESİ**
Yıldız N., Dökme İ.
14. ULUSLARARASI SOSYAL BESERİ VE EĞİTİM BİLİMLERİ KONGRESİ, İstanbul, Turkey, 20 May 2023 - 21 November 2024, pp.917
- V. **2018 FEN BİLİMLERİ ÖĞRETİM PROGRAMININ DİJİTAL YETKİNLİKLER AÇISINDAN DEĞERLENDİRİLMESİ**

- Eren E., Dökme İ.
XIV. Uluslararası Eğitim Araştırmaları Kongresi , Çanakkale, Turkey, 27 - 30 October 2021, pp.293-305
- VI. **Fen Eğitiminde Kullanılan STEM Uygulamalarının Değerlendirilmesi**
Eren E., Dökme İ.
XIV. Uluslararası Eğitim Araştırmaları Kongresi / , Çanakkale, Turkey, 27 - 30 October 2021, pp.31
- VII. **Difficulties experienced by prospective classroom teachers in engineering design process activities**
KOYUNLU ÜNLÜ Z., DÖKME İ.
7th International Congress on Curriculum and Instruction (ICCI-EPOK 2019), Turkey, 9 - 12 October 2019
- VIII. **Investigation of science attitude of Syrian students in Turkey from perspective of science curriculum**
Özkan Y., DÖKME İ.
7th International Congress on Curriculum and Instruction (ICCI-EPOK 2019), Turkey, 9 - 12 October 2019
- IX. **Teachers' opinions about STEM motivation of students in the context of expectancy value theory**
Açıksöz A., DÖKME İ.
7th International Congress on Curriculum and Instruction (ICCI-EPOK 2019), Turkey, 9 - 12 October 2019
- X. **60Co GAMMA-RAY IRRADIATION EFFECTS ON THE MAIN ELECTRICAL PARAMETERS OF THE Au/(ZnO:Mn-PVA)/n-Si (MPS) STRUCTURES AT ROOM TEMPERATURE**
DURMUŞ P., DÖKME İ.
International Natural Science, Engineering and Material Technologies Conference, Kırklareli, Turkey, 9 - 10 September 2019, pp.1-8
- XI. **60Co GAMMA-RAY IRRADIATION EFFECTS ON THE MAIN ELECTRICAL PARAMETERS OF THE Au/(ZnO:Mn-PVA)/n-Si (MPS) STRUCTURES AT ROOM TEMPERATURE**
DURMUŞ P., DÖKME İ.
International Natural Science, Engineering and Materials Technology Conference, Turkey, 9 - 10 September 2019
- XII. **THE INVESTIGATION OF EFFECTS OF (NANOCARBON DOPED-PVP) POLYMER INTERFACIAL LAYER ON THE MAIN ELECTRICAL PARAMETERS AND CONDUCTIVITY**
DÖKME İ., ALTINDAL Ş.
International Natural Science, Engineering and Materials Technology Conference Sep 9-10, 2019, İstanbul / TURKEY, Turkey, 9 - 10 September 2019
- XIII. **An investigation about learning outcomes of science curriculum in terms of scientific reasoning skills**
KOYUNLU ÜNLÜ Z., DÖKME İ.
7th International Congress on Curriculum and Instruction (ICCI-EPOK 2019), 9 - 12 October 2019
- XIV. **Fen Bilgisi Öğretmen Adaylarının Gözlem Yapma Becerilerinin Değerlendirilmesi**
Eren E., DÖKME İ.
5th INTERNATIONAL SYMPOSIUM ON MULTIDISCIPLINARY STUDIES (ISMS), 16 - 17 November 2018
- XV. **ÖZEL GÖRELİLİK KONUSU VE ÖĞRETMEN ADAYLARININ MANEVİ YÖNELİMLERİ**
Eren E., DÖKME İ.
5th INTERNATIONAL SYMPOSIUM ON MULTIDISCIPLINARY STUDIES (ISMS), 16 - 17 November 2018
- XVI. **The capacitance characteristics of Au/n-GaAs junction in the temperature range of 80-300 K**
Altındal Yerişkin S., YILDIRIM M., DURMUŞ P., DÖKME İ.
5th International conference on materials science and advanced-nanotechnologies for next generation (MSNG2018), 4 - 06 October 2018
- XVII. **Investigation of Admittance Characteristics of Au/2 graphene-cobalt doped (Ca₃Co₄Ga_{0.0010x})/n-Si MIS structure**
Altındal Yerişkin S., YILDIRIM M., DURMUŞ P., DÖKME İ.
5th International conference on materials science and advanced-nanotechnologies for next generation (MSNG2018), 4 - 06 October 2018
- XVIII. **The dielectric characteristics of Au/n-GaAs junction for different frequencies at 120 K**
Altındal Yerişkin S., YILDIRIM M., DURMUŞ P., DÖKME İ.
5th International conference on materials science and advanced-nanotechnologies for next generation (MSNG2018), 4 - 06 October 2018

- XIX. **Frequency Dependence of Electrical Parameters of Au/n-Si structures with 2 graphene-cobalt doped (Ca₃Co₄Ga_{0.001}O_x) interfacial layer**
Altındal Yerişkin S., YILDIRIM M., DURMUŞ P., DÖKME İ.
5th International conference on materials science and advanced-nanotechnologies for next generation (MSNG2018), 4 - 06 October 2018
- XX. **Üstbiliş Stratejilerine Dayalı Öğretim Uygulamalarının Akademik Başarıya Etkisi: Fen Bilimleri Dersi Örneği**
Güven Ç., SELVİ M., DÖKME İ.
. World Conference on Educational and Instructional Studies, 26 - 28 October 2017
- XXI. **A comparative analysis of 2013 and 2017 curricula for science course**
KOYUNLU ÜNLÜ Z., DÖKME İ.
5th International Conference on Curriculum and Instruction, 26 - 28 October 2017
- XXII. **On the Frequency and Voltage Dependence of Dielectric Properties and Electric Modulus in Al/Bi₄Ti₃O₁₂/n-Si (MFS) Capacitors by Using Impedance Spectroscopy Method**
DURMUŞ P., BİLKAN Ç., ALTINDAL Ş., DÖKME İ.
4th International conference on materials science and nanotechnology for next generation, 28 - 30 June 2017
- XXIII. **The Electrical Characteristics of Al/TiO₂-GO/n-Si Schottky Structures**
DÖKME İ., DURMUŞ P., ALTINDAL Ş.
4th International conference on materials science and nanotechnology for next generation (MSNG2017), 28 - 30 June 2017
- XXIV. **Effects of J-Ray Irradiation on the C-V and G/ω-V Characteristics of Al/SiO₂/p-Si(MIS) Structures**
DÖKME İ., DURMUŞ P., ALTINDAL Ş.
4th International conference on materials science and nanotechnology for next generation (MSNG2017), 28 - 30 June 2017
- XXV. **Schottky Diode with Curcumin (C₂₁H₂₀O₆) Interfacial Layer**
DÖKME İ., AYDIN F., Karabulut B., ALTINDAL Ş.
4th International conference on materials science and nanotechnology for next generation (MSNG2017), 28 - 30 June 2017
- XXVI. **The Au/Polyvinyl Alcohol (Co, Zn-Doped)/n-Type Silicon Schottky Barrier Devices**
DÖKME İ., DURMUŞ P., ALTINDAL Ş.
4th International conference on materials science and nanotechnology for next generation (MSNG2017), 28 - 30 June 2017
- XXVII. **Dielectric Constant, Electric Modulus and Electrical Conductivity in Identically Prepared Diodes of Al/Bi₄Ti₃O₁₂/p-Si (MFS) Structure with Barrier and Thickness Inhomogeneity**
DURMUŞ P., ÇETİNKAYA H. G., YILDIRIM M., ALTINDAL Ş., DÖKME İ.
4th International conference on materials science and nanotechnology for next generation (MSNG2017), 28 - 30 June 2017
- XXVIII. **The Effect Of Science, Social and Sports/art/design Branches Upon The Attitude Towards The Profession Of Teaching**
Aydemir M., KARATAŞ A., DÖKME İ.
26th International Conference on Educational, 20 - 23 April 2017
- XXIX. **Opinions Of Elementary School Students' About Using Of Technological Devices At Science Lessons**
Eroğlu G., DÖKME İ., Eroğlu E.
26th International Conference on Educational, 20 - 23 April 2017
- XXX. **The Effect Of Some Variables Upon The Attitudes Of Students Getting Formation Training Towards The Profession Of Teaching**
Aydemir M., DÖKME İ., KARATAŞ A.
26th International Conference on Educational Sciences, 20 - 23 April 2017
- XXXI. **A Study For The Science Education Questions In The Exams Which Are Made From The Centre**
Güzel Z., DÖKME İ.
26th International Conference on Educational Sciences, 20 - 23 April 2017

- XXXII. **Digital Or Laboratory Medium Preference Of Elementary School Students**
Erođlu G., DÖKME İ., Erođlu E.
26th International Conference on Educational Sciences, 20 - 23 April 2017
- XXXIII. **Middle school students' metaphors of scientific inquiry**
KOYUNLU ÜNLÜ Z., DÖKME İ.
26th International Conference on Educational Sciences, 20 - 23 April 2017
- XXXIV. **Multivariate assessment of middle school students' interest in STEM career: a profile from Turkey**
KOYUNLU ÜNLÜ Z., DÖKME İ.
26th International Conference on Educational Sciences, 20 - 23 April 2017
- XXXV. **Frequency and gate voltage effects on the dielectric properties and electrical conductivity of Al Co PVC p Si structures**
DÖKME İ.
2nd International Congress on the World of Technology and Advanced Materials-WITAM 2016, 20 September - 02 October 2016
- XXXVI. **Current Voltage characteristics of Al Co PVC p Si structures**
DÖKME İ.
2nd International Congress on the World of Technology and Advanced Materials, 28 September - 02 October 2016
- XXXVII. **Fen Teknoloji Mühendislik ve Matematik FeTeMM Yaklaşımı İle Hazırlanan Öğretim Tasarımının Uygulanması**
Gündođdu F. K., DÖKME İ.
III nd International Eurasian Educational Research Congress, 31 May - 03 June 2016
- XXXVIII. **A Comparative Study of College Students Performance On İntegrated Science Process Skills in Turkey and Malaysia**
Erođlu G., DÖKME İ.
III nd International Eurasian Educational Research Congress, 31 May - 03 June 2016
- XXXIX. **Web Tabanlı Eđitimle Desteklenmiş Öğretim Uygulamalarının Fen Bilgisi Öğretmen Adaylarının Zaman ve RÖlativistik Zaman Algısına Etkisi**
Şanlı M. D., DÖKME İ.
III nd International Eurasian Educational Research Congress, 31 May - 03 June 2016
- XL. **Fen Teknoloji Mühendislik ve Matematik FeTeMM Alanlarına Yönelik Tutum Ölçeğinin Türkçeye Uyarlama Çalışması**
Aydemir M., DÖKME İ.
III nd International Eurasian Educational Research Congress, 31 May - 03 June 2016
- XLI. **Öğretmen Gözünden Kırsalda Eđitim**
Ünlü Z. K., DÖKME İ.
IIIrd INTERNATIONAL EURASIAN EDUCATIONAL RESEARCH CONGRESS, 31 May - 03 June 2016
- XLII. **Cognitive and Metacognitive Questioning Through Physics Problem in the Topics of Modern Physics**
Ünlü Z. K., DÖKME İ.
III nd International Eurasian Educational Research Congress, 31 May 2106 - 03 June 2016
- XLIII. **The frequency and voltage dependent electrical characteristics of Al TiW Pd2Si n Si structure**
DÖKME İ.
2 nd International Conference on Organic Electronic Material Technologies, 17 - 19 May 2016
- XLIV. **Illumination intensity effects on the electrical characteristics of Al TiW Pd2Si n Si Schottky structures**
DÖKME İ.
2 nd International Conference on Organic Electronic Material Technologies (OEMT2016), 17 - 19 May 2016
- XLV. **Electrical characteristics of Al p Si structures with two different thickness TiO2 interfacial insulator layer**
DÖKME İ.
2 nd International Conference on Organic Electronic Material Technologies, 17 - 19 May 2016
- XLVI. **Frequency and gate voltage effects on the dielectric properties and electrical conductivity of Al TiO2**

p Si structures

DÖKME İ.

2 nd International Conference on Organic Electronic Material Technologies, 17 - 19 May 2016

XLVII. The Electrical Characteristics of n Si TiO2 Al And n Si TiO2 GO Al Schottky Structures in Two Different Temperature

DÖKME İ., VURAL Ö., TAŞDEMİR İ. H.

International Physics Conference, 25 - 27 February 2016

XLVIII. THE COMPARISON OF ELECTRICAL CHARACTERISTICS OF p Si TiO2 AL AND p Si TiO2 ZR AL SCHOTTKY DEVICES

DÖKME İ., VURAL Ö., TAŞDEMİR İ. H.

9. International Physics Conference of the Balkan Physics Union, 24 - 27 August 2015, pp.1299

XLIX. Science Teacher Candidates Epistemological Beliefs and Critical Thinking Disposition

DÖKME İ., Zeynep K. Ü., Elif O.

II. International Eurasian Educational Research Congress, Ankara, Turkey, 8 - 10 June 2015, pp.1297-1299

L. İş Konusundaki Kavram Yanılgılarını Ortaya Çıkaran 2 Aşamalı Kavram Testi Geliştirme

Demirel E., DÖKME İ.

II. International Eurasian Educational Research Congress, 8 - 10 June 2015

LI. An action research on teaching science through technology supported inquiry - based learning: a pilot study

Unlu Z. K., DÖKME İ., TÜFEKÇİ AKCAN A.

5th World Conference on Learning, Teaching and Educational Leadership, WCLTA 2014, Prague, Czech Republic, 29 - 31 October 2014, vol.186, pp.46-52

LII. 7th Grade Students' Views On Combining The Use Of Computer Simulations And Laboratory Activities In Science Teaching

Unlu Z. K., DÖKME İ.

Proceedings of 6th World Conference on Educational Sciences, Valletta, Malta, 6 - 09 February 2014, vol.191, pp.1173-1177

LIII. Turkish Elementary School Students' Performance on Integrated Science Process Skills

Aydınlı E., Dökme İ., Koyunlu Ünlü Z., Öztürk N., Demir R., Benli Özdemir E.

3rd World Conference on Educational Sciences (WCES), İstanbul, Turkey, 3 - 07 February 2011

LIV. The Effects of Technology Teaching Materials on Students' Image of Scientists

BENLİ ÖZDEMİR E., DÖKME İ., SARIKAYA M.

3rd World Conference on Educational Sciences (WCES), İstanbul, Turkey, 3 - 07 February 2011

LV. Turkish elementary school students' performance on integrated science process skills

Aydinli E., Dokme İ., Unlu Z. K., Ozturk N., Demir R., Benli E.

3rd World Conference on Educational Sciences (WCES), İstanbul, Turkey, 3 - 07 February 2011, vol.15, pp.3469-3475

LVI. The views of the teachers taking in-service training about alternative measurement and evaluation techniques: The sample of primary school teachers

Demir R., Ozturk N., DÖKME İ.

3rd World Conference on Educational Sciences (WCES), İstanbul, Turkey, 3 - 07 February 2011, vol.15, pp.2347-2352

LVII. The use of technology is gaining importance in the developing world: the problems of primary school teachers encountered about computer technologies and solution suggestions

Ozturk N., Demir R., DÖKME İ.

3rd World Conference on Educational Sciences (WCES), İstanbul, Turkey, 3 - 07 February 2011, vol.15, pp.2242-2247

LVIII. The effects of technology teaching materials on students' image of scientists

Benli E., Dökme İ., Sarikaya M.

3rd World Conference on Educational Sciences (WCES), İstanbul, Turkey, 3 - 07 February 2011, vol.15, pp.2371-2376

- LIX. **The effect of three different teaching tools in science education on the students' attitudes towards computer**
Unlu Z. K., DÖKME İ.
3rd World Conference on Educational Sciences (WCES), İstanbul, Turkey, 3 - 07 February 2011, vol.15, pp.2652-2657
- LX. **The analysis of current-voltage (I-V) characteristics of schottky diode in terms of Gaussian distribution of barrier height**
Doekme İ.
6th International Conference of the Balkan-Physical-Union, İstanbul, Turkey, 22 - 26 August 2006, vol.899, pp.594
- LXI. **DEVIATIONS FROM THERMIONIC EMISSION IN CURRENT-VOLTAGE (I-V) CHARACTERISTICS OF SCHOTTKY STRUCTURES**
DÖKME İ., DURMUŞ P.
International Natural Science, Engineering and Materials Technology Conference, 9 - 10 September 2019

Supported Projects

- DÖKME İ., Özkan Y., Project Supported by Higher Education Institutions, Suriyeli ve Türk Öğrencilerde Robotik STEM Uygulamalarının Etkililiğinin Karşılaştırmalı Olarak İncelenmesi, 2021 - 2024
- DÖKME İ., Project Supported by Higher Education Institutions, Fizik Üstbilis Ölçeğini Türkçeye Uyarlama Çalışması, 2018 - 2019
- DÖKME İ., Project Supported by Higher Education Institutions, Lawson Mantıksal Düşünme Testinin Fen Bilgisi Öğretmen Adaylarına Uygulanması, 2016 - 2018
- DÖKME İ., Project Supported by Higher Education Institutions, Co PVC ARAYÜZEY TABAKALI METAL YALITKAN YARIİLKETKEN YAPILARIN FABRİKASYONU VE ELEKTRİKSEL ÖZELLİKLERİNİN BELİRLENMESİ, 2016 - 2016
- DÖKME İ., Project Supported by Higher Education Institutions, Co-PVC ARAYÜZEY TABAKALI METAL-YALITKAN-YARIİLKETKEN YAPILARIN FABRİKASYONU VE ELEKTRİKSEL ÖZELLİKLERİNİN BELİRLENMESİ, 2016 - 2016
- DÖKME İ., Project Supported by Higher Education Institutions, FARKLI KALINLIKTA VE FARKLI KATKILARDA NANOFİBER POLİMER ARAYÜZEY FİLMLEİ İLE SCHOTTKY YAPILARIN ÜRETİLMESİ VE ELEKTRİKSEL KARAKTERİSTİĞİNİN DEĞİŞİK PARAMETRELERE BAĞLI OLARAK ARAŞTIRILMASI, 2010 - 2013
- DÖKME İ., Project Supported by Higher Education Institutions, SÜRDÜRÜLEBİLİR TARIM UYGULAMALI DOĞA KONSEPTLİ EĞİTİM MODELİNİN İLKÖĞRETİM ÖĞRENCİLERİNDE BİLİMSEL SÜREÇ BECERİLERİNE ETKİSİ : EYLEM ARAŞTIRMASI, 2010 - 2011
- DÖKME İ., Project Supported by Higher Education Institutions, Sürdürülebilir Tarım Uygulamalı Doğa Konseptli Eğitim Modelinin İlköğretim Öğrencilerinde Bilimsel Süreç Becerilerine Etkisi Eylem Araştırması, 2010 - 2011

Activities in Scientific Journals

Committee Member, 2018 - Continues

Memberships / Tasks in Scientific Organizations

Akademisyen yayın evi, Member, 2022 - Continues, Turkey

Scientific Refereeing

INTERNATIONAL JOURNAL OF STEM EDUCATION, Journal Indexed in SSCI, November 2023
Project Supported by Higher Education Institutions, BAP PhD, Gazi University, Turkey, July 2023

Metrics

Publication: 167

Citation (WoS): 1554

Citation (Scopus): 1716

H-Index (WoS): 22

H-Index (Scopus): 23

Non Academic Experience

Northern Virginia Community College

Georgia University

Milli Eğitim Bakanlığı Talim Terbiye Kurulu Başkanlığı Eğitim Araştırmaları Merkezi

Ankara Abidin Paşa Lisesi