

Prof. İLBİLGE DÖKME

Personal Information

Email: ilbilgedokme@gazi.edu.tr

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

Education Information

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

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

Under Graduate, 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

Post Graduate, 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 Bölümü, 2013 - Continues

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

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

Professional Experience

Head of Department, Kirşehir Ahi Evran University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2006 - 2007

Courses

Fizik III, Under Graduate, 2020 - 2021

Fen Eğitimi Araştırmalarında Özel Konular, Doctorate, 2020 - 2021

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

Advising Theses

DÖKME İ., Harmanlanmış öğrenmenin fen bilgisi öğretmen adaylarının özel görelilik konusundaki bilişsel ve bazı duyuşsal öğrenim çıktıklarına etkisi, Post Graduate, E.EREN(Student), 2019
DÖKME İ., Ortaokul 8. sınıf fen bilimleri dersindeki "Yaşamımızdaki elektrik" konusunda stem yaklaşımı ile öğretim tasarımı hazırlanması ve uygulanması, Post Graduate, F.KADİR(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, Post Graduate, G.EROĞLU(Student), 2015
DÖKME İ., Developing a two-phased conceptual test to determine the misconceptions about work, Post Graduate, 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, Post Graduate, 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, Post Graduate, S.ALTUNSOY(Student), 2012
DÖKME İ., Adaptation and application of lawson's classroom test of science reasoning, Post Graduate, 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, Post Graduate, Z.KOYUNLU(Student), 2011
DÖKME İ., EVALUATION OF SCIENCE PROCESS SKILL STUDY ON THE 6,7 AND 8. GRADE STUDENTS, Post Graduate, E.AYDINLI(Student), 2007

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- 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 (Journal Indexed in SSCI)

- II. **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 (Journal Indexed in SCI)
- III. **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 (Journal Indexed in SCI)
- IV. **The Challenge of Quantum Physics Problems with Self-Metacognitive Questioning**
Dökme İ., Koyunlu Ünlü Z.
Research in Science Education, 2019 (Journal Indexed in SCI Expanded)
- V. **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 (Journal Indexed in SSCI)
- VI. **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 (Journal Indexed in SCI)
- VII. **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 (Journal Indexed in SCI)
- VIII. **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 (Journal Indexed in SCI)
- IX. **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 (Journal Indexed in SCI)
- X. **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 (Journal Indexed in SCI)
- XI. **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 (Journal Indexed in SCI)
- XII. **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 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SSCI)
- XIV. **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 (Journal Indexed in SCI)
- XV. **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., ALTINDAL Ş., USLU İ., DÖKME İ., Uslu H.
 MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.14, no.2, pp.139-145, 2011 (Journal Indexed in SCI)
- XVI. **The Au/polyvinyl alcohol (Co, Zn-doped)/n-type silicon Schottky barrier devices**
 DÖKME İ., Tunc T., Uslu I., Altindal Ş.
 SYNTHETIC METALS, vol.161, pp.474-480, 2011 (Journal Indexed in SCI)
- XVII. **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 (Journal Indexed in SCI)
- XVIII. **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 (Journal Indexed in SCI)
- XIX. **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 (Journal Indexed in SCI)
- XX. **The dependence of electrical properties of Al/NphAOEMA/PEDOT-PSS/ITO structures on temperature**
 Sahingoz R., Cavus H. K. , Altindal Ş., Soykan C., Dokme İ.
 OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.4, no.12, pp.2132-2135, 2010 (Journal Indexed in SCI)
- XXI. **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 (Journal Indexed in SCI)
- XXII. **The Effect of Gamma Irradiation on Electrical Characteristics of Au/Polyvinyl Alcohol (Co, Zn-Doped)/n-Si Schottky Barrier Diodes**
 Tascioglu I., Uslu H., Altindal Ş., Durmus P., Dokme İ., Tunc T.
 JOURNAL OF APPLIED POLYMER SCIENCE, vol.118, no.1, pp.596-603, 2010 (Journal Indexed in SCI)
- XXIII. **Temperature dependent capacitance and conductance-voltage characteristics of Au/polyvinyl alcohol(Co,Zn)/n-Si Schottky diodes**
 Bulbul M. M. , Bengi S., Dokme İ., Altindal Ş., Tunc T.
 JOURNAL OF APPLIED PHYSICS, vol.108, no.3, 2010 (Journal Indexed in SCI)
- XXIV. **Temperature dependent dielectric properties of Schottky diodes with organic interfacial layer**
 Dokme İ., Tunc T., Altindal Ş., Uslu I.
 OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.4, no.8, pp.1225-1228, 2010 (Journal Indexed in SCI)
- XXV. **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., Altindal Ş., Uslu I.
 OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.4, no.7, pp.947-950, 2010 (Journal Indexed in SCI)
- XXVI. **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 (Journal Indexed in SCI)
- XXVII. **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 (Journal Indexed in SCI)
- XXVIII. **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 (Journal Indexed in SCI)

- XXIX. **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 (Journal Indexed in SCI)
- XXX. **Frequency and gate voltage effects on the dielectric properties of Au/SiO₂/n-Si structures**
Dokme İ., ALTINDAL Ş., Gokcen M.
MICROELECTRONIC ENGINEERING, vol.85, no.9, pp.1910-1914, 2008 (Journal Indexed in SCI)
- XXXI. **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 (Journal Indexed in SCI)
- XXXII. **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 (Journal Indexed in SCI)
- XXXIII. **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 (Journal Indexed in SCI)
- XXXIV. **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 (Journal Indexed in SCI)
- XXXV. **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 (Journal Indexed in SCI)
- XXXVI. **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 (Journal Indexed in SCI)
- XXXVII. **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 (Journal Indexed in SCI)
- XXXVIII. **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 (Journal Indexed in SCI)
- XXXIX. **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 (Journal Indexed in SCI)
- XL. **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., Yalcin N., Serin T.
MICROELECTRONIC ENGINEERING, vol.83, no.3, pp.499-505, 2006 (Journal Indexed in SCI)
- XLI. **Density of interface states, excess capacitance and series resistance in the metal-insulator-semiconductor (MIS) solar cells**

Articles Published in Other Journals

- I. **ARAPÇA KONUŞAN ÖĞRENCİLERİN FEN'E YÖNELİK TUTUM ÖLÇEĞİNİN TÜRKÇE'YE UYARLANMASI**
Özkan Y., Açıksoz A., Dökme İ.
Mustafa Kemal Üniversitesi Eğitim Fakültesi Dergisi, vol.4, no.6, pp.9-21, 2020 (National Refreed University Journal)
- II. **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 (Refereed Journals of Other Institutions)
- III. **Adaptation of the STEM Value-Expectancy Assessment Scale to Turkish Culture**
Acıksoz A., Ozkan Y., Dökme İ.
INTERNATIONAL JOURNAL OF ASSESSMENT TOOLS IN EDUCATION, vol.7, pp.177-190, 2020 (Journal Indexed in ESCI)
- IV. **Science Reasoning Levels of Prospective Science and Primary Teacher**
Yüzüak A. V. , Dökme İ.
HACETTEPE UNIVERSİTESİ EĞİTİM FAKÜLTESİ DERGISI-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, vol.34, pp.586-601, 2019 (Journal Indexed in ESCI)
- V. **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 (Journal Indexed in ESCI)
- VI. **Ortaokul Öğrencilerinin Bilimsel Araştırma Kavramı Hakkındaki Metaforları**
KOYUNLU ÜNLÜ Z., DÖKME İ.
İnönü Üniversitesi Eğitim Fakültesi Dergisi, pp.276-286, 2018 (Refereed Journals of Other Institutions)
- VII. **Araştırmaya Dayalı Öğrenme Yaklaşımının Kavramsal Anlama Düzeyi ve Bazı Öğrenme Çıktıları Üzerine Etkisi**
Duran M., Dökme İ.
Trakya Journal of Education, vol.8, no.3, pp.545-563, 2018 (Other Refereed National Journals)
- VIII. **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 (Refereed Journals of Other Institutions)
- IX. **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 (Refereed Journals of Other Institutions)
- X. **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 (Journal Indexed in ESCI)
- XI. **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 (Refereed Journals of Other Institutions)
- XII. **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 (Other Refereed National Journals)
- XIII. **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 (Refereed Journals of Other Institutions)
- XIV. **Adaptation of the Science, Technology, Engineering, and Mathematics Career Interest Survey (STEM-CIS) into Turkish**
Koyunlu Unlu Z., DÖKME İ., Unlu V.
EURASIAN JOURNAL OF EDUCATIONAL RESEARCH, no.63, pp.21-36, 2016 (Journal Indexed in ESCI)
- XV. **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 (Other Refereed National Journals)
- XVI. **Adaptation of Lawson's Classroom of Science Reasoning Multiple Choice Version**
Yüzüak A. V., Dökme İ.
GUJGEF, vol.35, no.3, pp.443-456, 2015 (Other Refereed National Journals)
- XVII. **Sınıf Öğretmeni Adaylarının Bazı Fizik Konularındaki Kavram Yanılgıları ve Araştırmada Uygulanan Tekniğin Araştırma Sonucuna Etkisi**
Tunç T., Hatice Kübra A., Dökme İ.
TURKISH SCIENCE EDUCATION, vol.9, no.3, 2012 (Refereed Journals of Other Institutions)
- XVIII. **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 (Other Refereed National Journals)
- XIX. **FEN BİLGİSİ ÖĞRETMENLİĞİ ÖĞRENCİLERİNİN EĞİTİMDE TEKNOLOJİK KULLANIMINA İLİŞKİN TUTUMLARI VE GÖRÜŞLERİ**
Öztürk Geren N., Demir R., Dökme İ.
iconte, vol.1, 2011 (Refereed Journals of Other Institutions)
- XX. **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 (Refereed Journals of Other Institutions)
- XXI. **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 (Refereed Journals of Other Institutions)
- XXII. **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 (Other Refereed National Journals)
- XXIII. **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 (Refereed Journals of Other Institutions)
- XXIV. **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 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Special Topics in Science Education Research**
Dökme İ. (Editor)
Akademisyen Kitapevi, Ankara, 2020
- II. **Fen Eğitimi Araştırmalarına Güncel Bakış**
Dökme İ. (Editor)
Akademisyen Kitap evi, Ankara, 2020
- III. **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
- IV. **Bölüm 2: Öğrenme Ortamlarında (Okullarda, Evlerde, Müzelerde ve Sosyal Toplulukta) Bilim Merakı Ölçeğinin Türkçe'ye Uyarlanması: Geçerlik ve Güvenilirlik Çalışması.**
Irmak Z., Dökme İ.
in: Fen Eğitimi Araştırmalarına Güncel Bakış, İlbilge Dökme Semra Benzer, Editor, Akademisyen Kitapevi, Ankara, pp.19-31, 2020
- V. **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
- VI. **Bilimsel Muhakeme Becerileri ile Düşünme Sanatı**
Ünlü Z. K., Yüzüak A. V., Gödek Y., Dökme İ. (Editor)
Anı Yayıncılık, Ankara, 2019
- VII. **Bilimsel Muhakeme Becerilerine Genel Bir Bakış**
DÖKME İ.
in: Bilimsel Muhakeme ile Düşünme Sanatı, İlbilge DÖKME, Editor, Anı, Ankara, pp.10-30, 2019
- VIII. **Birleşik Değişken Etkinlikleri**
DÖKME İ.
in: Bilimsel Muhakeme Becerileri İle Düşünme Sanatı, İlbilge Dökme, Editor, Anı, Ankara, pp.245-288, 2019
- IX. **Değişkenleri Belirleme ve Kontrol Etme Etkinlikleri**
DÖKME İ.
in: Bilimsel Muhakeme Becerileri İle Düşünme Sanatı, İlbilge DÖKME, Editor, Anı, Ankara, pp.110-150, 2019
- X. **Bilimsel Muhakemenin Fen Başarısı ile İlişkisi**
Dökme İ.
in: Bilimsel Muhakeme ile Düşünme Sanatı, İlbilge Dökme, Editor, Anı, Ankara, pp.32-51, 2019
- XI. **Denge Etkinlikleri**
Dökme İ.
in: Bilimsel Muhakeme Becerileri İle Düşünme Sanatı, İlbilge Dökme, Editor, Anı, Ankara, pp.288-308, 2019
- XII. **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
- XIII. **Fen Öğretimi Laboratuvar Uygulamaları I II**
ÇETİN A., DÖKME İ., YILMAZ M.
Palme, 2016
- XIV. **İlk Öğretim 6 Sınıf Fen Bilgisi Ders Kitabı**
Güngör B., Yıldırım N., DÖKME İ., Baş B., Aydın R., Ülker S.
MEB, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **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
- II. **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
- III. **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
- IV. **60Co GAMMA-RAY IRRADIATION EFFECTS ON THE MAIN ELECTRICAL PARAMETERS OF THE Au/(ZnO:Mn-PVA)/n-Si (MPS) STRUCTURES AT ROOM TEMPERATURE 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
- V. **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
- VI. **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
- VII. **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
- VIII. **ÖZEL GÖRELİLİK KONUSU VE ÖĞRETMEN ADAYLARININ MANEVİ YÖNELİMLERİ**
Eren E., DÖKME İ.
5th INTERNATIONAL SYMPOSIUM ON MULTIDISCIPLINARY STUDIES (ISMS), 16 - 17 November 2018
- IX. **Fen Bilgisi Öğretmen Adaylarının Gözlem Yapma Becerilerinin Değerlendirilmesi**
Eren E., DÖKME İ.
5th INTERNATIONAL SYMPOSIUM ON MULTIDISCIPLINARY STUDIES (ISMS), 16 - 17 November 2018
- X. **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
- XI. **Frequency Dependence of Electrical Parameters of Au/n-Si structures with 2 graphene-cobalt doped (Ca₃Co₄Ga_{0.0010x}) 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
- XII. **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
- XIII. **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

- XIV. **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
- XV. **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
- XVI. **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., BILKAN Ç., ALTINDAL Ş., DÖKME İ.
4th International conference on materials science and nanotechnology for next generation, 28 - 30 June 2017
- XVII. **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
- XVIII. **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
- XIX. **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
- XX. **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
- XXI. **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
- XXII. **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
- XXIII. **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
- XXIV. **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
- XXV. **Digital Or Laboratory Medium Preference Of Elementary School Students**
Eroğlu G., DÖKME İ., Eroğlu E.
26th International Conference on Educational Sciences, 20 - 23 April 2017
- XXVI. **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

- XXVII. **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
- XXVIII. **Middle school students' metaphors of scientific inquiry**
KOYUNLU ÜNLÜ Z., DÖKME İ.
26th International Conference on Educational Sciences, 20 - 23 April 2017
- XXIX. **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
- XXX. **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
- XXXI. **Fen Teknoloji Mühendislik ve Matematik FeTeMM Yaklaşımı İle Hazırlanan Öğretim Tasarımının Uygulanması**
Gündoğdu F. K., DÖKME İ.
III nd International Eurasian Educational Research Congress, 31 May - 03 June 2016
- XXXII. **A Comparative Study of College Students Performance On Integrated Science Process Skills in Turkey and Malaysia**
Eroğlu G., DÖKME İ.
III nd International Eurasian Educational Research Congress, 31 May - 03 June 2016
- XXXIII. **Web Tabanlı Eğitimle 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
- XXXIV. **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
- XXXV. **Öğretmen Gözünden Kırsalda Eğitim**
Ünlü Z. K., DÖKME İ.
III rd INTERNATIONAL EURASIAN EDUCATIONAL RESEARCH CONGRESS, 31 May - 03 June 2016
- XXXVI. **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
- XXXVII. **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
- XXXVIII. **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
- XXXIX. **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
- XL. **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

- XLI. 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
- XLII. 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
- XLIII. 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
- XLIV. 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
- XLV. 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
- XLVI. 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
- XLVII. 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
- XLVIII. 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
- XLIX. 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
- L. 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
- LI. 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
- LII. 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

LIII. 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., Project Supported by Higher Education Institutions, Fizik Üstbiliş 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 FİMLERİ 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

Bartın Üniversitesi Eğitim Fakültesi Dergisi, Scientific Committee Membership, 2018 - Continues

Journal of Education Benchmarking, Committee Member, 2018 - Continues

Citations

Total Citations (WOS):1164

h-index (WOS):20