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Personal Information

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International Researcher IDs

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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 - Continues

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., 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., 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., Evaluation of garden based education models with agricultural aplication wihtin the context of the sustainabe environmental education, Postgraduate, N.SOMUNCU(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

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, 2023 (SSCI)
- II. **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)
- III. **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)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **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)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **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)

- XIV. **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)

- XV. **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)

- XVI. **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)

- XVII. **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)

- XVIII. **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)

- XIX. **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)

- XX. **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)

- XXI. **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)

- XXII. **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)

- XXIII. **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)

- XXIV. **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)

- XXV. **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)

- XXVI. **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 (SCI-Expanded)
- XXVII. **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 (SCI-Expanded)
- XXVIII. **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 (SCI-Expanded)
- XXIX. **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 (SCI-Expanded)
- XXX. **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)
- XXXI. **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)
- XXXII. **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)
- XXXIII. **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)
- XXXIV. **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)
- XXXV. **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)
- XXXVI. **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)
- XXXVII. **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)
- XXXVIII. **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)

- XXXIX. **On the profile of frequency and voltage dependent interface states and series resistance in MIS structures**
Dokme İ., Altındal Ş.
PHYSICA B-CONDENSED MATTER, vol.393, pp.328-335, 2007 (SCI-Expanded)
- XL. **The C-V-f and G/omega-V-f characteristics of Au/SiO₂/n-Si capacitors**
Dokme İ., Altındal Ş.
PHYSICA B-CONDENSED MATTER, vol.391, no.1, pp.59-64, 2007 (SCI-Expanded)
- XLI. **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)
- XLII. **The barrier height inhomogeneity in Al/p-Si Schottky barrier diodes with native insulator layer**
Dokme İ., Altındal Ş., Bulbul M. M.
APPLIED SURFACE SCIENCE, vol.252, no.22, pp.7749-7754, 2006 (SCI-Expanded)
- XLIII. **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., Altındal Ş.
SEMICONDUCTOR SCIENCE AND TECHNOLOGY, vol.21, no.8, pp.1053-1058, 2006 (SCI-Expanded)
- XLIV. **The role of the interface insulator layer and interface states on the current-transport mechanism of Schottky diodes in wide temperature range**
Altındal Ş., Dokme İ., Bulbul M. M., Yalcin N., Serin T.
MICROELECTRONIC ENGINEERING, vol.83, no.3, pp.499-505, 2006 (SCI-Expanded)
- XLV. **Density of interface states, excess capacitance and series resistance in the metal-insulator-semiconductor (MIS) solar cells**
Altındal 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. **ADAPTATION OF THE STEM ROLE IDENTITIES SCALE INTO TURKISH: A VALIDITY AND RELIABILITY STUDY**
Eren E., Dökme İ.
Trakya Eğitim Dergisi, vol.14, no.1, pp.356-367, 2024 (Peer-Reviewed Journal)
- II. **Syrian migrant students' attitudes toward science: A comparative analysis with their Turkish peers, Phase I**
Özkan Y., Dökme İ.
School Science and Mathematics, 2024 (ESCI)
- III. **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)
- IV. **ARAPÇA KONUŞAN ÖĞRENCİLERİN FEN'E YÖNELİK TUTUM ÖLÇEĞİNİN TÜRKÇE'YE UYARLANMASI**
Özkan Y., Açısöz A., Dökme İ.
Mustafa Kemal Üniversitesi Eğitim Fakültesi Dergisi, vol.4, no.6, pp.9-21, 2020 (Peer-Reviewed Journal)
- V. **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)
- VI. **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)

- VII. **Science Reasoning Levels of Prospective Science and Primary Teacher**
Yüzüak A. V., Dökme İ.
HACETTEPE UNIVERSİTESİ EĞİTİM FAKÜLTESİ DERGİSİ-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, vol.34, pp.586-601, 2019 (ESCI)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **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)
- 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 (Peer-Reviewed Journal)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **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)
- XVIII. **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)
- XIX. **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 (Peer-Reviewed Journal)
- XX. **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)
- XXI. **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)
- XXII. **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)
- XXIII. **ELEMENTARY SCHOOL 6TH GRADE STUDENTS ATTITUDES TOWARDS TECHNOLOGYAND THEIR OPINIONS ABOUT TEACHING SCIENCE AND TECHNOLOGY COURSE THROUGHINTERACTIVE WHITEBOARD**
Demir R., Öztürk Geren N., Dökme İ.
JOURNAL OF EDUCATIONAL AND INSTRUCTIONAL STUDIESIN THE WORLD, vol.1, no.1, pp.64-71, 2011 (Peer-Reviewed Journal)
- XXIV. **Primary School Teacher Candidates Misconceptions on Some Fundamental Science Concepts with Three Annotated Questions**
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- XXIX. **Multivariate assessment of middle school students' interest in STEM career: a profile from Turkey**
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- XXX. **Middle school students' metaphors of scientific inquiry**
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- XXXIV. **A Comparative Study of College Students Performance On Integrated Science Process Skills in Turkey and Malaysia**
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- XXXV. **Web Tabanlı Eğitimle Desteklenmiş Öğretim Uygulamalarının Fen Bilgisi Öğretmen Adaylarının Zaman ve Rölativistik Zaman Algısına Etkisi**
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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

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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

Metrics

Publication: 154

Citation (WoS): 1504

Citation (Scopus): 1601

H-Index (WoS): 22

H-Index (Scopus): 22

Non Academic Experience

Northern Virginia Community College

Georgia University

Milli Eğitim Bakanlığı Talim Terbiye Kurulu Başkanlığı Eğitim Araştırmaları Merkezi

Ankara Abidin Paşa Lisesi