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### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Hacettepe University, Eğitim Fak./Fen Bil.Enst, Ofmae, Turkey 2003 - 2007

Postgraduate, Hacettepe University, Eğitim Fak./Fen Bil.Enst, Ofmae, Turkey 2001 - 2003

Undergraduate, Hacettepe University, Eğitim Fakültesi, Ofmae, Turkey 1996 - 2001

### Dissertations

Doctorate, Kimya eğitiminde teknoloji destekli, probleme dayalı öğrenme etkinlikleri, Hacettepe Üniversitesi, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2007

Postgraduate, Kimya eğitiminde multimedyanın etkileri ve ders aracı olarak kullanılması, Hacettepe Üniversitesi, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2003

### Research Areas

Social Sciences and Humanities, Education, Teacher Training For Secondary School

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An Investigation of Teachers' Self Efficacy Beliefs Concerning Educational Technology Standards and Technological Pedagogical Content Knowledge**  
ÖZYALÇIN OSKAY Ö.  
EURASIA JOURNAL OF MATHEMATICS SCIENCE AND TECHNOLOGY EDUCATION, vol.13, no.8, pp.4739-4752, 2017 (SSCI)
- II. **The effect of concept mapping on meaningful learning of atom and bonding**  
ERDEM E., YILMAZ A., ÖZYALÇIN OSKAY Ö.  
PROCEDIA SOCIAL AND BEHAVIOURAL SCIENCES, vol.1, pp.1586-1590, 2009 (SSCI)
- III. **"A Study About The Effects of Chemistry Laboratory Applications On Students' Attitudes Towards Chemistry And Achievement"**,  
ÖZYALÇIN OSKAY Ö., ERDEM E., YILMAZ A.  
e-Elektronik Sosyal Bilimler Dergisi (elektronik), vol.8, no.27, pp.222-321, 2009 (SSCI)
- IV. **Reliability of Portfolio A Closer Look at Findings from Recent Publications**  
ÖZYALÇIN OSKAY Ö., MORGİL İ., MİCHAEL S.

Hacettepe Universitesi Egitim Fakultesi Dergisi-Hacettepe University Journal Of Education, 2008 (SSCI)

- V. **The effect of web-based worksheets usage on students' academic success, logical thinking skills and attitudes towards chemistry in the teaching of redox topic within chemistry education**  
Seyhan H. G., TEMEL S., Morgil I.  
ENERGY EDUCATION SCIENCE AND TECHNOLOGY, vol.21, pp.91-107, 2008 (SCI-Expanded)
- VI. **Traditional and computer-assisted learning in teaching acids and bases**  
MORGİL I., YAVUZ S., Oskay Ö. Ö., ARDA S.  
Chemistry Education Research and Practice, vol.6, no.1, pp.52-63, 2005 (SCI-Expanded)
- VII. **THE INFLUENCE OF COMPUTER ASSISTED EDUCATION ON ENVIRONMENTAL KNOWLEDGE AND ENVIRONMENTAL AWARENESS**  
MORGİL İ., ARDA S., SEÇKEN N., YAVUZ S., ÖZYALÇIN OSKAY Ö.  
Chemistry Education Research and Practice, 2004 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Developing a Scale of Attitudes Towards Flipped Learning Model**  
KADIOĞLU N., ÖZYALÇIN OSKAY Ö.  
TECHNOLOGY KNOWLEDGE AND LEARNING, 2024 (ESCI)
- II. **The Effects of 5E Inquiry Learning Activities on Achievement and Attitude toward Chemistry**  
ŞEN Ş., ÖZYALÇIN OSKAY Ö.  
Journal of Education and Learning, vol.6, pp.1-9, 2017 (Peer-Reviewed Journal)
- III. **Prospective Teachers Creativity Fostering Behaviors Perceptions on their Technology Skills and Success in Project Based Material Development**  
ÖZYALÇIN OSKAY Ö.  
Problems of Education in the 21st Century, 2015 (ESCI)
- IV. **Self-regulated learning in constructivist approach based science laboratory practices and opinions on constructivist approach**  
Erdem E., Dinçol Özgür S., Bayram Z., Özyalçın Oskay Ö., Şen Ş.  
Problems of Education in the 21st Century, vol.59, pp.25-33, 2014 (ESCI)
- V. **Problem Solving Applications in Chemistry Laboratory**  
TEMEL S., Morgil I.  
PAMUKKALE UNIVERSITESI EGITIM FAKULTESI DERGISI-PAMUKKALE UNIVERSITY JOURNAL OF EDUCATION, no.33, pp.39-52, 2013 (ESCI)
- VI. **Effect of Inquiry Based Learning Method on Students Motivation**  
Bayram Z., Özyalçın Oskay Ö., Erdem E., Dinçol Özgür S., Şen Ş.  
PROCEDIA SOCIAL AND BEHAVIOURAL SCIENCES, vol.106, pp.988-996, 2013 (Peer-Reviewed Journal)
- VII. **Determination of Preservice Chemistry Teachers Cognitive Structures as Relevant to Their Conceptual Understandings and Misconceptions of Greenhouse Gases and Their Effects**  
ÖZYALÇIN OSKAY Ö., TEMEL S., DİNÇOL ÖZGÜR S., ERDEM E.  
Eurasian Journal of Physics and Chemistry Education, vol.4, pp.30-55, 2012 (Peer-Reviewed Journal)
- VIII. **Determination of Preservice Chemistry Teachers Cognitive Structures via Flow Map Method and Their Knowledge Level on Greenhouse Gases and Their Effects Topic**  
ÖZYALÇIN OSKAY Ö., TEMEL S., DİNÇOL ÖZGÜR S., ERDEM E.  
Eurasian Journal of Physics and Chemistry Education, vol.4, pp.30-45, 2012 (Peer-Reviewed Journal)
- IX. **Enhancing prospective chemistry teachers' cognitive structures in the topics of bonding and hybridization by internet-assisted chemistry applications.**  
ÖZYALÇIN OSKAY Ö., DİNÇOL ÖZGÜR S.  
World Journal on Educational Technology, vol.3, pp.90-102, 2011 (Scopus)
- X. **"Internet self-efficacy, preferences of internet based environments and achievement of prospective teachers"**

ÖZYALÇIN OSKAY Ö.

Hacettepe Üniversitesi Eğitim Fakültesi Dergisi, vol.40, pp.291-299, 2011 (Scopus)

- XI. **THE EFFECT OF WEB-BASED PROJECT APPLICATIONS ON STUDENTS' ATTITUDES TOWARDS CHEMISTRY**  
Morgil I, Gungor Seyhan H, Ural Alsan E., TEMEL S.  
TURKISH ONLINE JOURNAL OF DISTANCE EDUCATION, vol.9, no.2, pp.220-237, 2008 (ESCI)
- XII. **IDENTIFICATION OF GAS COMPONENTS IN LIGHTER BY GAS CHROMATOGRAPHY: An Experiment for the Undergraduate Instrumental Analysis Laboratory Which Can Be Used With Distance Learning Applications**  
Yavuz S., Morgil I.  
TURKISH ONLINE JOURNAL OF DISTANCE EDUCATION, vol.7, no.4, pp.95-100, 2006 (ESCI)
- XIII. **Introduction to Precipitation and Solubilify Within a Computer Enriched Module for Analytical Chemistry**  
Fatma İnci M., John P., SEÇKEN N., ÖZYALÇIN OSKAY Ö.  
The Chemical Educator, vol.11, no.5, pp.348-354, 2006 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **PISA ve Türkiye**  
YILMAZ A., FER S., KELECİOĞLU H., DOĞAN N., YAZICI N., ÖZYALÇIN OSKAY Ö., YETKİN ÖZDEMİR İ. E., BATI K.  
Hacettepe Üniversitesi, Ankara, 2020
- II. **Creativity Fostering in Teachers: An Example from Turkey**  
ÖZYALÇIN OSKAY Ö.  
in: Creativity Fostering Teacher Behavior Measurement and Research, Kaycheng Soh, Editor, World Scientific Publishing, 2018
- III. **Technological Pedagogical Content Knowledge in Chemistry Education**  
ÖZYALÇIN OSKAY Ö.  
Scholars'xx Press, 2017
- IV. **Daily Life Chemistry**  
ÖZYALÇIN OSKAY Ö., YILMAZ A.  
Scholar's Press, 2016
- V. **Project- Based Learning in Environmental Education**  
TEMEL S., YILMAZ A., ÖZYALÇIN OSKAY Ö., DİNÇOL ÖZGÜR S.  
Scholars Press, 2014

## Refereed Congress / Symposium Publications in Proceedings

- I. **Biyoloji öğretmen adaylarının kimya laboratuvarı ile ilişkili bilişsel yapılarının belirlenmesi**  
ŞEN Ş., ÖZYALÇIN OSKAY Ö.  
V. Ulusal Kimya Eğitimi Kongresi, Elazığ, Turkey, 7 - 09 September 2017
- II. **Öğretmenlerin öğretmen özyeterlikleri ve öğrencilerin motivasyonları arasındaki ilişki**  
ÖZYALÇIN OSKAY Ö., ŞEN Ş.  
V. Ulusal Kimya Eğitimi Kongresi, Elazığ, Turkey, 7 - 09 September 2017
- III. **Öğretmen Adaylarının Uzaktan Eğitim Algıları ve Çevrim İçi Öğrenme Hazırbulunuşlukları**  
ÖZYALÇIN OSKAY Ö.  
EJER 2017 Congress, 11 - 14 May 2017
- IV. **THE EFFECT OF CONCEPT CARTOONS ON ACADEMIC ACHIEVEMENT AND INQUIRY LEARNING SKILLS**  
ÖZYALÇIN OSKAY Ö., EFİL H.  
ICONTE 2016, 13 - 15 May 2016

- V. **Prospective Chemistry Teachers Opinions About Teaching Practice And Its Effects On Attitudes Towards Teaching Profession**  
ÖZYALÇIN OSKAY Ö.  
INTE 2015, 10 - 12 June 2015
- VI. **Prospective Chemistry Teachers Reflective Diaries And Reflective Thinking Levels In Basic Chemistry Laboratory**  
ÖZYALÇIN OSKAY Ö.  
INTE 2015, 10 - 12 June 2015
- VII. **Effect of Inquiry based Learning Method on Students Motivation**  
BAYRAM Z., ÖZYALÇIN OSKAY Ö., ERDEM E., DİNÇOL ÖZGÜR S., ŞEN Ş.  
4th International Conference on New Horizons in Education, 25 - 27 June 2013
- VIII. **Fen Bilgisi Öğretmen adaylarının yapılandırıcı yaklaşıma yönelik görüşleri ve epistemolojik inançlarının incelenmesi**  
ERDEM E., DİNÇOL ÖZGÜR S., BAYRAM Z., ÖZYALÇIN OSKAY Ö., ŞEN Ş.  
International Perspectives on New Aspects of Learning in Teacher Education- Building Bridges Conference, Diyarbakır, Turkey, 2 - 04 October 2013
- IX. **Investigating prospective science teachers' opinions about constructivist learning approach and scientific epistemological views**  
ERDEM E., DİNÇOL ÖZGÜR S., BAYRAM Z., ÖZYALÇIN OSKAY Ö., ŞEN Ş.  
International Perspectives on New Aspects of Learning in Teacher Education- Building Bridges Conference, 2 - 04 October 2013
- X. **Öğrenme Halkası Modelinin Öğrencilerin Başarılarına Etkisi: Bloom Taksonomisi**  
TEMEL S., DİNÇOL ÖZGÜR S., ÖZYALÇIN OSKAY Ö.  
X. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi, Turkey, 27 - 30 June 2012
- XI. **Kimya eğitiminde mikro öğretim yönteminin etkililiği ve öğrenci görüşleri**  
ERDEM E., ERDOĞAN Ü. I., ÖZYALÇIN OSKAY Ö., YILMAZ A.  
X. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi, Turkey, 27 - 30 June 2012
- XII. **Sınıf içi durum belirleme tekniklerine dayalı öğretimin öğrencilerin ders çalışmaya yönelik tutumlarına etkisi**  
ŞEN Ş., ERDOĞAN Ü. I., ÖZYALÇIN OSKAY Ö.  
II. Ulusal Kimya Eğitimi Kongresi, Erzurum, Turkey, 5 - 08 July 2011, pp.103

## Supported Projects

ÖZYALÇIN OSKAY Ö., Project Supported by Higher Education Institutions, KAVRAM KARİKATÜRLERİNİ AKADEMİK BAŞARI ve SORGULAYICI ÖĞRENME BECERİLERİNE ETKİSİ, 2016 - 2016

ÖZYALÇIN OSKAY Ö., Project Supported by Higher Education Institutions, KİMYA ÖĞRETMEN ADAYLARININ ÖĞRETMENLİK UYGULAMASI İLE İLGİLİ GÖRÜŞLERİ ve MESLEĞE YÖNELİK TUTUMLARINA ETKİSİ, 2015 - 2016

## Metrics

Publication: 38

Citation (WoS): 44

Citation (Scopus): 48

H-Index (WoS): 5

H-Index (Scopus): 4