

## Assoc. Prof. YETER ŞİMŞEKLİ

### Personal Information

**Office Phone:** [+90 022 429 4229](tel:+900224294229) Extension: 0

**Fax Phone:** [+90 0224 294 2290](tel:+9002242942290)

**Email:** [ysimsekli@uludag.edu.tr](mailto:ysimsekli@uludag.edu.tr)

**Web:** <https://avesis.uludag.edu.tr/ysimsekli>

### International Researcher IDs

ORCID: 0000-0003-3276-2475

Yoksis Researcher ID: 157597

### Education Information

Doctorate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, Biyoloji Bölümü, Turkey 1994 - 1997

Postgraduate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, Biyoloji Bölümü, Turkey 1992 - 1994

Undergraduate, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, Turkey 1978 - 1984

### Courses

ÇOCUK SAĞLIĞI VE İLKYARDIM, Undergraduate, 2017 - 2018

ÖĞRETMENLİK UYGULAMASI, Undergraduate, 2017 - 2018, 2016 - 2017

FİZYOLOJİK PSİKOLOJİ (PDR), Undergraduate, 2017 - 2018, 2016 - 2017

ÇEVRE BİLİMİ(FEN), Undergraduate, 2017 - 2018, 2016 - 2017

BİYOLOJİDE ÖZEL KONULAR (FEN), Undergraduate, 2017 - 2018, 2016 - 2017

İNSAN ANATOMİSİ VE FİZYOLOJİSİ (OKU), Undergraduate, 2017 - 2018

OKUL DENEYİMİ, Undergraduate, 2017 - 2018, 2016 - 2017

TOPLUMA HİZMET UYGULAMALARI, Undergraduate, 2017 - 2018

ÇEVRE VE ÇEVRE SORUNLARI, Undergraduate, 2017 - 2018, 2016 - 2017

FEN BİLİMLERİNDE BİYOLOJİ ÖĞRETİMİ, Postgraduate, 2017 - 2018

FEN BİLİMLERİ EĞİTİMİNDE LABORATUVAR GÜVENLİĞİ, Postgraduate, 2017 - 2018, 2016 - 2017

FEN BİLİMLERİNDE DENEY TASARLAMA VE GELİŞTİRME, Postgraduate, 2017 - 2018

ÖZEL ÖĞRETİM YÖNTEMLERİ (TYL B), Postgraduate, 2016 - 2017

İNSAN ANATOMİSİ VE FİZYOLOJİSİ (OKU) ), Undergraduate, 2016 - 2017

### Advising Theses

ŞİMŞEKLİ Y., Investigation of the scientific skills development process of 7th year students through project, model, experiment, Postgraduate, D.Aygün(Student), 2019

ŞİMŞEKLİ Y., Instructional design based on stem approach on substance cycles and environmental problems, Postgraduate, A.Dallı(Student), 2019

ŞİMŞEKLİ Y., Analysis of the effects of argument-based science inquiry approach utilized within the unit of "reproduction, growth and development in living beings" on the reasoning skills and success levels of students, Postgraduate, E.Pınar(Student), 2018

ŞİMŞEKLİ Y., Design of the activities of unit "meet our body" in the science and technology course of fourth and fifth grade

in primary school education, Postgraduate, G.Tuncel(Student), 2011

## Articles Published in Other Journals

- I. **Examination of conceptual structures of science preservice teachers about metabolic events and energy forms in the cell**  
ŞİMŞEKLİ Y.  
European Journal of Science and Mathematics Education, vol.6, no.4, pp.129-136, 2018 (Scopus)
- II. **Effects of Argument-based Science Inquiry (ABSI) Approach Used in the Unit of "Reproduction Growth Development in Living Beings" on the Success Levels of Students**  
TÜCCAROĞLU E. P., ŞİMŞEKLİ Y.  
Universal Journal of Educational Research, vol.6, no.10, pp.2379-2383, 2018 (Scopus)
- III. **Investigation of the Experiment Design Skills of Biology and Science Teachers and Preservice Teachers**  
ŞİMŞEKLİ Y.  
Journal of Education and Training Studies, vol.6, no.9, pp.199-207, 2018 (Peer-Reviewed Journal)
- IV. **The Views of Pre-Service Teachers Regarding the Effectiveness of Peer Assisted Learning Method in the Science and Technology Laboratory Practices Course**  
ŞİMŞEKLİ Y., ZEREN ÖZER D., GÜNGÖR S. N.  
Journal of Education and Training Studies, vol.5, no.12, pp.211-224, 2017 (Peer-Reviewed Journal)
- V. **Vücudumuzu tanıyalım ünitesinde alternatif etkinliklerin öğrencilerin başarılarına, bilimsel süreç becerilerine, tutumlarına etkisi**  
TUNCEL G., ŞİMŞEKLİ Y.  
International Journal of Innovative Research in Education, vol.3, no.3, pp.124-134, 2016 (Peer-Reviewed Journal)
- VI. **Science and technology teacher candidates opinions about teaching of biology in high school**  
ŞİMŞEKLİ Y.  
Contemporary Educational Researches Journal, vol.4, no.2, pp.42-47, 2014 (Peer-Reviewed Journal)
- VII. **Student's views on global warming**  
AYGÜN D., ŞİMŞEKLİ Y., DALLI A.  
Journal of Balkan Ecology, vol.17, no.3, pp.281-294, 2014 (Peer-Reviewed Journal)
- VIII. **Sınıf Öğretmenliği Öğrencilerinin Biyoloji Deneylelerini Uygulayabilme ve Bilimsel Süreç Becerilerini Analiz Edebilme Yeterlilikleri**  
ZEREN ÖZER D., GÜNGÖR S. N., ŞİMŞEKLİ Y.  
Uludağ Üniversitesi Eğitim Fakültesi Dergisi, vol.24, no.2, pp.563-580, 2011 (Peer-Reviewed Journal)
- IX. **Laboratory Facilities Of Primary Schools And A Study On Teachers Attitudes And Skills In Terms Of Laboratories**  
ŞİMŞEKLİ Y., ÇALIŞ S.  
Academic Journal Management and Education, vol.7, no.4, pp.129-139, 2011 (Peer-Reviewed Journal)
- X. **The Effect Of Some Variables On The Primary School Students Attitudes Towards Science And Technology Laboratory Applications**  
ÇALIŞ S., ŞİMŞEKLİ Y.  
Academic Journal Management and Education, vol.7, no.4, pp.122-128, 2011 (Peer-Reviewed Journal)
- XI. **Laboratory Facilities Of Primary Schools And A Study On Teachers' Attitudes And Skills In Terms Of Laboratories**  
ŞİMŞEKLİ Y., ÇALIŞ S.  
Management and Education, vol.7, no.4, pp.129-139, 2011 (Peer-Reviewed Journal)
- XII. **THE EFFECT OF SOME VARIABLES ON THE PRIMARY SCHOOL STUDENTS' ATTITUDES TOWARDS SCIENCE AND TECHNOLOGY LABORATORY APPLICATIONS**  
ÇALIŞ S., ŞİMŞEKLİ Y.  
Management and Education, vol.7, no.4, pp.122-127, 2011 (Peer-Reviewed Journal)

- XIII. **The Effects of Inquiry Based Science Teaching on Elementary School Students Science Process Skills and Science Attitudes**  
ERGÜL N. R., ŞİMŞEKLİ Y., ÇALIŞ S., ÖZDİLEK Z., GÖÇMENÇELEBİ Ş., ŞANLI M.  
Bulgarian Journal of Science and Education Policy, vol.5, no.1, pp.48-68, 2011 (Peer-Reviewed Journal)
- XIV. **The effects of inquiry based science teaching on elementary school students science process skills and science attitudes**  
ERGÜL N. R., ŞİMŞEKLİ Y., ÇALIŞ S., ÖZDİLEK Z., İLKÖRÜCÜ GÖÇMENÇELEBİ Ş., Meral Ş.  
. Bulgarian Journal of Science and Education Policy (BJSEP), vol.5, no.1, pp.48-68, 2011 (Peer-Reviewed Journal)
- XV. **The Effects of inquiry- based science teaching on elementary school students Science process skills and science attitudes**  
ERGÜL N. R., ŞİMŞEKLİ Y., ÇALIŞ S., ÖZDİLEK Z., İLKÖRÜCÜ Ş., ŞANLI M.  
Journal of Science and Education Policy (BJSEP),, vol.5, no.1, pp.48-68, 2011 (Peer-Reviewed Journal)
- XVI. **The Original Activities for Environmental Education and Their Effects on Students A Case Study in Bursa**  
ŞİMŞEKLİ Y.  
İlköğretim Online, vol.9, no.2, pp.552-560, 2010 (Peer-Reviewed Journal)
- XVII. **Sınıf Öğretmenliği Öğrencilerinde Bilimsel Süreç Becerilerinin Gelişimine Fen Bilgisi Laboratuvarı Dersinin Etkisi**  
ŞİMŞEKLİ Y., ÇALIŞ S.  
U.Ü. Eğitim Fakültesi Dergisi, vol.21, no.1, pp.183-192, 2008 (Peer-Reviewed Journal)
- XVIII. **Sınıf Öğretmenliği Öğrencilerinde Bilimsel Süreç Becerilerinin Gelişimine Fen Bilgisi Laboratuvarı Dersinin Etkisi**  
ŞİMŞEKLİ Y., ÇALIŞ S.  
Uludağ Üniversitesi Eğitim Fakültesi Dergisi, vol.21, no.1, pp.183-192, 2008 (Peer-Reviewed Journal)
- XIX. **Çevre Bilincinin Geliştirilmesine Yönelik Çevre Eğitimi Etkinliklerine İlköğretim Okullarının Duyarlılığı**  
ŞİMŞEKLİ Y.  
U.Ü.Eğitim Fakültesi Dergisi, vol.17, no.1, pp.83-92, 2004 (Peer-Reviewed Journal)
- XX. **Bursa da Uygulamalı Çevre Eğitimi Projesine seçilen Okullarda yapılan etkinliklerin Okul yöneticisi ve görevli öğretmenlerin katkısı yönünden değerlendirilmesi**  
ŞİMŞEKLİ Y.  
U.Ü.Eğitim Fakültesi Dergisi, vol.14, no.1, pp.73-84, 2001 (Peer-Reviewed Journal)
- XXI. **Isparta Şehrinin Havaında Bulunan Allerjen Fungus Sporları**  
ŞİMŞEKLİ Y., AKKAYA A., GÜCİN F., ÜNLÜ M., YORGANCIGİL B.  
Akciğer Arşivi, vol.1, no.1, pp.9-12, 2000 (Peer-Reviewed Journal)
- XXII. **Isolation and identification of indoor airborne fungal contaminants of food production facilities and warehouses in Bursa Turkey**  
ŞİMŞEKLİ Y., GÜCİN F., ASAN A.  
Aerobiologia, no.15, pp.225-231, 1999 (Scopus)
- XXIII. **Bursa İlinin Çeşitli Semtlerinin Ev Dışı Havaında Bulunan Penicillium, Aspergillus Türleri Ve Mevsimsel Dağılımları**  
ŞİMŞEKLİ Y., ASAN A., GÜCİN F.  
Kültür Koleksiyonları ve Endüstriyel mikrobiyoloji (KÜKEM), vol.21, no.1, pp.13-20, 1998 (Peer-Reviewed Journal)
- XXIV. **Bursa Evdışı Havaında Bulunan Fungal Sporlar**  
ŞİMŞEKLİ Y., GÜCİN F., DÜLGER B., SAPAN N.  
Turkish Journal Of Biology, vol.21, no.3, pp.359-365, 1997 (Peer-Reviewed Journal)

## **Books & Book Chapters**

- I. **The Effects Of Environmental Education Applications On Primary Education Students' Knowledge And Attitudes Towards Environment**  
ŞİMŞEKLİ Y.  
in: Recent Researches in Education, Recep Efe, Irina Koleva and Emin Atasoy, Editor, Cambridge Scholars Publishing, Cambridge, pp.517-527, 2018
- II. **Biology Preservice Teachers' Experiment Designing Competencies related to the Event of Germination**  
ŞİMŞEKLİ Y.  
in: Current Trends in Educational sciences, Recep Efe, Irina Koleva, Emin Atasoy, Violeta Kotseva, Editor, ST. KLIMENTS OHRIDSKI UNIVERSITY PRESS, Sofija, pp.581-587, 2017
- III. **Effect of Alternative Activities Related to 5th Grade Unit of "Let's Get to Know Our Body" On Students' Academic Success, Scientific Process Skills and Attitudes towards the Course**  
TUNCEL G., ŞİMŞEKLİ Y.  
in: Current Advances in Education, Emin Atasoy, Recep Efe, İwona Jazdzewska, Hülya Yaldir, Editor, St.Kliment Ohridski University Press, SOFYA, pp.306-314, 2016
- IV. **Modelling in science education: The circulatory system example**  
DALLI A., ŞİMŞEKLİ Y., AYGÜN D.  
in: The Science and Education at the beginning of the 21 st century in Turkey, Kenan Mortan, İlia Hristov, Olga Strelava, Zdravka Kostova, Editor, St.Kliment Ohridski University Press, SOFYA, pp.433-443, 2014
- V. **Research on Primary school students' attitudes towards fields in science and technology lesson in terms of different variables (A case Study in Bursa )**  
TUNCEL G., ŞİMŞEKLİ Y.  
in: Education and Science in a Globalizing World A case study of Turkey, İlia Christov, Recep Efe, Editor, Paradigma, SOFYA, pp.259-286, 2012
- VI. **Yakın Çevremizdeki Organizmalar (Virüsler, Tek Hücreliler, Funguslar, Akarlar, Böcekler) ve Bunların Sağlığa Etkileri**  
ŞİMŞEKLİ Y.  
in: Biyolojide Özel Konular, FİKİRİYE POLAT, Editor, Pegema, Ankara, pp.259-286, 2010
- VII. **Çevre Eğitimi**  
ŞİMŞEKLİ Y.  
in: Çevre Bilimi, YETER ŞİMŞEKLİ, Editor, Lisans Yayıncılık, İstanbul, pp.173-179, 2005
- VIII. **Okul Öncesi Dönemde Fen Öğretimi**  
ERBAŞ S., ERGÜL N. R., ŞİMŞEKLİ Y., ÖZDİLEK Z.  
Seçkin, Bursa, 2002

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Elektrik stimülasyonu ile parmak ucu dokunma duyarlılığının incelenmesi**  
ÖZKAN C., ŞİMŞEKLİ Y.  
Elektrik Elektronik Mühendisliği Kongresi/ Biyomedikal Mühendisliği Sempozyumu, İstanbul, Turkey, 14 - 16 November 2019
- II. **Examination Of The Effects Of Argument-Based Science Inquiry (ABSI) Approach Utilized Within The Unit Of "Reproduction, Growth And Development In Living Beings" On The Reasoning Skills Of Students**  
Tüccaroğlu E. P., ŞİMŞEKLİ Y.  
International Conference on Sciences, Mathematics, Entrepreneurship and Technology Education, İzmir, Turkey, 12 - 14 April 2019
- III. **Fen Bilgisi Öğretmen Adaylarının Hücredeki Metabolik Olaylar ve Enerji Biçimlerini Kavramsal İlişkilendirme Düzeyleri**  
ŞİMŞEKLİ Y.

II. Ulusal Biyoloji Eğitimi Kongresi, Aksaray, Turkey, 3 - 05 July 2018, pp.46

- IV. **Experimental Design Skill Levels Of Biology And Science Teachers And Teacher Candidates**  
ŞİMŞEK Lİ Y.  
10th World Conference on Educational Science, PRAGUA, Czech Republic, 1 - 03 February 2018, pp.75
- V. **The effects of environmental education applications on primary education students' knowledge and attitudes towards environment**  
ŞİMŞEK Lİ Y.  
9th World Conference on Educational Sciences, Nice, Nice, France, 1 - 04 February 2017, pp.121
- VI. **The Effects Of Alternative Activities About Knowing Our Body Unit To Students' Success, Scientific Process Skills And Attitudes**  
ŞİMŞEK Lİ Y., TUNCEL G.  
8 th World Conference on Educational Science, Madrid, Spain, 4 - 06 February 2016, pp.798
- VII. **An Implementation To Raise Environmental Awareness Of Elementary Education Students**  
ŞİMŞEK Lİ Y.  
Proceedings of 6th World Conference on Educational Sciences, Valletta, Malta, 6 - 09 February 2014, vol.191, pp.222-226
- VIII. **İlköğretim 5. Sınıf Fen ve Teknoloji Dersi Vücudumuzu Tanıyalım Ünitesine Yönelik Alternatif Etkinliklerin Öğrencilerin Akademik Başarıları Bilimsel Süreç Becerileri ve Derse Yönelik Tutumlarına Etkisi**  
TUNCEL G., ŞİMŞEK Lİ Y.  
23.Ulusal Eğitim Bilimleri Kurultayı, Kocaeli, Turkey, 4 - 06 September 2014, pp.284
- IX. **Science and technology teacher candidates opinions about teaching of biology in high school**  
ŞİMŞEK Lİ Y.  
5th World Conference on Educational Science, Rome, Italy, 6 - 08 February 2013
- X. **Views Of Science And Technology Teacher Candidates On Environmental Consciousness And Environmental Education Methods**  
ŞİMŞEK Lİ Y.  
Ecology - Interdisciplinary Science And Practice, Sofija, Bulgaria, 25 - 26 October 2012, pp.303-309
- XI. **Teacher Characteristics That Science and Technology Teacher Candidates Were Influenced by In The Past**  
DEVECİ İ., ŞİMŞEK Lİ Y., ZEREN ÖZER D.  
International Interdisciplinary Social Inquiry Conference - IISIC 2012, Bursa, Turkey, 17 - 21 June 2012
- XII. **The Views Of Science And Technology Teacher Candidates On Organ Donation**  
ZEREN ÖZER D., DEVECİ İ., ŞİMŞEK Lİ Y.  
International Interdisciplinary Social Inquiry Conference - IISIC 2012, 17 - 21 June 2012
- XIII. **A research on the retention of the experiments done in science and technology course for primary school students**  
ÇALIŞ S., ŞİMŞEK Lİ Y.  
Cyprus International Conference on Educational Research (CY-ICER), CYPRUS, 8 - 11 February 2012, vol.47, pp.717-721
- XIV. **İlköğretim 8. sınıf öğrencilerine Fen Bilgisi Dersi kapsamında verilen çevre eğitiminin çevre ve çevre koruma bilincine etkisinin incelenmesi**  
ŞİMŞEK Lİ Y., ERGÜL N. R., ŞANLI M.  
X. Ulusal Eğitim Bilimleri Kongresi, Bolu, Turkey, 7 - 09 June 2001, vol.3, pp.1592-1596

## Metrics

Publication: 46

Citation (WoS): 10

H-Index (WoS): 1

## **Non Academic Experience**

Sađlık Bakanlıđı, Hıfzısıhha Enstitüsü, Halk Sađlıđı Laboratuvarı