

Personal Information

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Education Information

Doctorate, Atatürk Üniversitesi, Eğitim Bilimleri Enstitüsü, Fizik Eğitimi Bilim Dalı, Turkey 2011 - 2017

Post Graduate, Gazi Üniversitesi, Eğitim Bilimleri Enstitüsü, Fizik Eğitimi Bilim Dalı, Turkey 2008 - 2011

Under Graduate, Gazi Üniversitesi, Eğitim Fakültesi, Fizik Öğretmenliği, Turkey 2003 - 2008

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

Education Management and Planning, STEM Eğitimci Eğitimi Sertifika Programı, Muş Alparslan Üniversitesi, 2019

Dissertations

Doctorate, Fizik eğitiminde farklılaştırılmış öğretim ve 5E öğrenme modelinin farklı değişkenler üzerine etkisi , Atatürk Üniversitesi, Eğitim Bilimleri Enstitüsü, Fizik Eğitimi Bilim Dalı, 2017

Post Graduate, Öğretmen adaylarının elektrik devreleri ile ilgili kavram yapılarının repertuar çizelge ve kavram haritasıyla belirlenmesi , Gazi Üniversitesi, Eğitim Bilimleri Enstitüsü, Fizik Eğitimi Bilim Dalı, 2011

Research Areas

Social Sciences and Humanities, Education, Teacher Training in Science and Math. at Second. Sch. Lev.

Academic Titles / Tasks

Research Assistant PhD, Atatürk Üniversitesi, Kazım Karabekir Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi, 2011 - Continues

Professional Experience

Assistant Coordinator, Ataturk University, Rektörlük, 2020 - Continues

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

- **A Model for Augmented Reality Immersion Experiences of University Students Studying in Science Education**

SALAR R., Arici F., ÇALIKLAR Ş., YILMAZ R. M.

Journal of Science Education and Technology, vol.29, no.1, pp.257-271, 2020 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- **Philosophical Issues Arising from Dual Nature of Light in Young's Double-Slit Experiment**
AKSAKALLI A., TURGUT Ü., SALAR R.
Journal of Social Sciences of Mus Alparslan University, vol.7, pp.107-112, 2019 (Other Refereed National Journals)
- **Eleştirel Pedagoji İlkelerine Göre Yapılan Fen Öğretiminin Öğrencilerin Akademik Başarılarına Etkisi**
AKSAKALLI A., SALAR R., TURGUT Ü.
Anemon Muş Alparslan Üniversitesi Sosyal Bilimler Dergisi, vol.6, pp.961-971, 2018 (Other Refereed National Journals)
- **HOW IS THE LEARNING ENVIRONMENT IN PHYSICS LESSON WITH USING 7E MODEL TEACHING ACTIVITIES**
TURGUT Ü., ÇOLAK A., SALAR R.
European Journal of Education Studies, vol.3, pp.1-28, 2017 (Refereed Journals of Other Institutions)
- **The Effect of 7E Model on Conceptual Success of Students in The Unit of Electromagnetism**
TURGUT Ü., ÇOLAK A., SALAR R.
European Journal of Physics Education, vol.7, pp.1-37, 2017 (Refereed Journals of Other Institutions)
- **7E Öğrenme Modeline Uygun Olarak Çalışma Yaprağı Hazırlama (Elektromanyetizma Ünitesi Örneği)**
TURGUT Ü., ÇOLAK A., SALAR R.
Bayburt Eğitim Fakültesi Dergisi, vol.12, pp.268-292, 2017 (Other Refereed National Journals)
- **Comparison of Test Scores Obtained by Eighth Graders on Illustrated and Abstract Content Questions A Quantitative**
AKSAKALLI A., TURGUT Ü., SALAR R.
Journal of Education and Practice, vol.7, pp.30-34, 2016 (Refereed Journals of Other Institutions)
- **The Role of Computer Aided Instruction in Science Courses and the Relevant Misconceptions of Pre service Teachers**
AKSAKALLI A., TURGUT Ü., SALAR R.
Journal of Education and Practice, vol.7, pp.67-71, 2016 (Refereed Journals of Other Institutions)
- **Bireysel Farklılıkların Öğretim Sürecine Yansımalarına Dair Öğretmen Görüşlerinin İncelenmesi Nitel Bir Araştırma**
TURGUT Ü., SALAR R., AKSAKALLI A., GÜRBÜZ F.
Bayburt Eğitim Fakültesi Dergisi, vol.11, pp.431-444, 2016 (Other Refereed National Journals)
- **Modern Fizığe Karşı Negatif Algılar ve Yabancılaşma Algısının Nedenleri Lisans Öğrencileri Üzerine Nitel Bir Araştırma**
AKSAKALLI A., TURGUT Ü., SALAR R.
Erzincan Üniversitesi Eğitim Fakültesi Dergisi, vol.18, pp.771-794, 2016 (Other Refereed National Journals)
- **Elektromanyetizma Konusunda Kavramsal Başarı Testi Geliştirilmesi**
TURGUT Ü., SALAR R., ÇOLAK A.
Bayburt Eğitim Fakültesi Dergisi, vol.11, pp.117-139, 2016 (Other Refereed National Journals)
- **Investigation of the reasons of negative perceptions of undergraduate students regarding the modern physics course**
AKSAKALLI A., SALAR R., TURGUT Ü.
European Journal of Science and Mathematics Education, vol.4, pp.44-55, 2016 (Refereed Journals of Other Institutions)
- **Modern Fizik Dersi Alan Lisans Öğrencilerinin Bu Ders ile İlgili Açığa Çıkan Kişisel Epistemolojik İnançları ve Bunların Nedenlerinin İncelenmesi**
AKSAKALLI A., SALAR R., TURGUT Ü.
Fizik Eğitimi ve Felsefesi / Education and Philosophy of Physics, vol.1, pp.1-17, 2016 (Other Refereed National Journals)
- **Fizik Öğretmeni Adaylarının 12 Sınıf Elektrik Ve Elektronik Konusunu İle İlgili Bilgi Düzeylerinin Belirlenmesi**
SALAR R., UZUN E., KARAMAN İ., TURGUT Ü.
Trakya Üniversitesi Eğitim Fakültesi Dergisi, vol.6, pp.41-54, 2016 (Other Refereed National Journals)
- **Implementing Differentiated Instruction on Pre service Physics Teachers Agendas**
SALAR R., TURGUT Ü.

Bartın University Journal of Faculty of Education, vol.4, pp.682-695, 2015 (Refereed Journals of Other Institutions)

- **YGS VE LYS SINAVLARINDAKİ FİZİK SORULARININ ÖĞRETİM PROGRAMI AÇISINDAN VE BLOOM TAKSONOMİSİBİLİŞSEL ALAN DÜZEYİ AÇISINDAN ANALİZİ**

KARAMAN İ., SALAR R., DİLBER R., TURGUT Ü.

Akademik Sosyal Araştırmalar Dergisi, vol.2, pp.309-315, 2014 (Refereed Journals of Other Institutions)

- **7E Modelinin 6 Sınıf Fen ve Teknoloji Dersi Yaşamımızdaki Elektrik Ünitesinde Akademik Başarı ve Kalıcılığa Etkisi**

GÜRBÜZ F., TURGUT Ü., SALAR R.

TÜRK FEN EĞİTİMİ DERGİSİ, vol.10, pp.80-94, 2013 (Refereed Journals of Other Institutions)

- **The Viewpoints of Physics Teacher Candidates Towards the Concepts in Special Theory of Relativity and Their Evaluation Designs**

TURGUT Ü., GÜRBÜZ F., SALAR R.

International Journal of Academic Research, vol.5, pp.492-500, 2013 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- **ARDUİNO TEMELLİ KODLAMA EĞİTİMİ İLE İLGİLİ LİSE ÖĞRENCİLERİNİN DÜŞÜNCELERİ**

SALAR R., UĞUREL E., TURGUT Ü.

FATİH Projesi Eğitim Teknolojileri Zirvesi, Turkey, 2 - 03 November 2018

- **CLASSROOM CLIMATE IN SCIENCE TEACHING BASED ON CRITICAL PEDAGOGY**

TURGUT Ü., SALAR R., AKSAKALLI A.

ICERİ2017 (10th annual International Conference of Education, Research and Innovation), Spain, 16 - 18 November 2017, pp.7033-7038

- **High School Students' Opinions about Physics Education Held with Differentiated Instruction**

TURGUT Ü., SALAR R., KARAMAN İ.

ICERİ2017 (10th annual International Conference of Education, Research and Innovation), Sevilla, Spain, 16 - 18 November 2017, pp.7039-7041

- **Analysis of the relationship between undergraduate students' physics successes and their abilities**

KARAMAN İ., TURGUT Ü., DİLBER R., SALAR R.

10th Annual International Conference of Education, Research and Innovation (ICERİ2017), Sevilla, Spain, 16 - 18 November 2017

- **KALDIRMA KUVVETİ KONUSUNUN ÖĞRETİMİNDE UYGULANAN FARKLILAŞTIRILMIŞ ÖĞRETİM YÖNTEMİ HAKKINDA ÖĞRENCİ GÖRÜŞLERİ**

DOĞAN H. Z. , SALAR R., TURGUT Ü.

12. ULUSAL FEN BİLİMLERİ VE MATEMATİK EĞİTİMİ KONGRESİ, Turkey, 28 - 30 September 2016

- **Using Differentiated Instruction in High Schools for Physics**

TURGUT Ü., SALAR R.

International Congresses on Education, 2 - 04 June 2016

- **The Effect of 7E Model on Conceptual Success of Students in Physics Education**

TURGUT Ü., SALAR R.

International Congresses on Education, 2 - 04 June 2016

- **The Description of the Learning Environment in Physics Lesson with 7E Model Teaching Activities**

TURGUT Ü., SALAR R.

International Congresses on Education, 2 - 04 June 2016

- **Differentiated Instruction for Physics Education An experimental Investigation**

TURGUT Ü., SALAR R.

1st International Physics Conference at the Anatolian Peak, 25 - 27 February 2016

- **Teachers Opinions about Individual Differences in Students in Regular Classrooms**

TURGUT Ü., SALAR R.

International Congresses on Education, 2 - 04 June 2016

- **Using Differentiated Instruction in High Schools for Physics Education**

TURGUT Ü., SALAR R.

International Congresses on Education 2016, Saraybosna, Bosnia And Herzegovina, 2 - 04 June 2016

- **The Effects Of High School Students Recognising Mode Descriptions And Using In Writing To Learn On Academic Success**
DİLBER R., ÖZTÜRK S., SALAR R., TURGUT Ü.
Teaching & Education Conference, Amsterdam, Netherlands, 12 - 15 May 2015
- **High School Students Misconceptions About Projectile Motion**
AYDIN S., AYDIN e., DİLBER R., TURGUT Ü., SALAR R.
16th International Academic Conference, Amsterdam, Netherlands, 12 - 15 May 2015
- **High School Students Views About 7e Model In The Unit Of Electromagnetism**
TURGUT Ü., ÇOLAK A., SALAR R., DİLBER R.
16th International Academic Conference, Amsterdam, Netherlands, 12 - 15 May 2015
- **Correct the Deficiency of Pre service Physics Teachers Knowledge with Differentiated Instruction**
TURGUT Ü., SALAR R., TURGUT G., GÜRBÜZ F.
New Perspectives in Science Education, Floransa, Italy, 14 - 15 March 2014
- **The Effect of 7E Model on Academic Achievements and Retention in The Unit Elektricity in Our Life 6Th Grade Science and Technology Course**
TURGUT Ü., GÜRBÜZ F., SALAR R.
INTED 2013 Conference, Valencia, Spain, 4 - 06 March 2013
- **Comparison of Two Different Techniques on Students**
Ersoy F. N. , DİLBER R., SALAR R., TURGUT G., AYDIN S.
INTEND 2013, 4 - 06 March 2013
- **Comparison of two different techniques on students understandings of static electric concepts**
FATMANUR E., DİLBER R., SALAR R., TURGUT G., AYDIN S., KARAMAN İ.
IATED 2013, 4 - 06 March 2013
- **THE ATTITUDES OF PHYSICS TEACHER CANDIDATES TOWARDS THE CONCEPTS IN SPECIAL THEORY OF RELATIVITY AND THEIR EVALUATION DESIGNS**
TURGUT Ü., SALAR R., GÜRBÜZ F.
7th International Technology, Education and Development Conference (INTED), Valencia, Spain, 4 - 06 March 2013, pp.129-135
- **THE EFFECT OF 7E MODEL ON ACADEMIC ACHIEVEMENTS AND RETENTION IN THE UNIT "ELECTRICITY IN OUR LIFE" 6TH GRADE SCIENCE AND TECHNOLOGY COURSE**
TURGUT Ü., GÜRBÜZ F., SALAR R.
7th International Technology, Education and Development Conference (INTED), Valencia, Spain, 4 - 06 March 2013, pp.161-165

Supported Projects

SALAR R., TUBITAK Project, Elektronik Yaz Kampı, 2018 - 2018

Memberships / Tasks in Scientific Organizations

FEN EĞİTİMİ VE ARAŞTIRMALARI DERNEĞİ, Member, 2015 - Continues

Scientific Refereeing

Hacettepe Eğitim Fakültesi Dergisi, National Scientific Refreed Journal, January 2019