

Res. Asst. SERKAN EKİNCİ

Personal Information

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Biography

I received my B.Sc. and M.Sc. without thesis in physics education from Middle East Technical University, Turkey, and M.Sc. in physics education from Hacettepe University, Turkey. I am now research assistant at Department of Mathematics and Science Education at Hacettepe University, and currently studying my Ph.D. on physics education. My main research interests are modern physics teaching at secondary-school and undergraduate level, argumentation, concept mapping, and out-of-school learning.

Education Information

Doctorate, Hacettepe University, Eğitim Fakültesi, Ortaöğretim Fen Ve Matematik Alanlar Eğitimi, Turkey 2015 - 2022

Postgraduate, Hacettepe University, Eğitim Fakültesi, Ortaöğretim Fen Ve Matematik Alanlar Eğitimi, Turkey 2012 - 2015

Postgraduate, Middle East Technical University, Faculty Of Education, Secondary Science and Mathematics Education , Turkey 2005 - 2011

Undergraduate, Middle East Technical University, Faculty Of Education, Secondary Science and Mathematics Education, Turkey 2005 - 2011

Foreign Languages

English, B2 Upper Intermediate

Research Areas

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

Academic Titles / Tasks

Research Assistant PhD, Hacettepe University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2012 - Continues

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

1. Investigating grade-12 students' cognitive structures about the atomic structure: a content analysis of student concept maps
EKİNCİ S., ŞEN A. İ.

Articles Published in Other Journals

- I. **Learning science outside the classroom: development and validation of the out-of-school learning environments perception scale**
Şen A. İ., Ertas-Kılıç H., Oktay Ö., Ekinci S., Kadirhan Z.
Journal of Outdoor and Environmental Education, vol.24, no.1, pp.19-36, 2021 (Journal Indexed in ESCI)
- II. **Mobil Planetaryum Etkinliği: Ortaokul Öğretmenlerinin Görüşlerinin İncelenmesi**
EKİNCİ S., OKTAY Ö., ŞEN A. İ.
Gazi Üniversitesi Gazi Eğitim Fakültesi Dergisi, vol.40, no.3, pp.827-852, 2020 (Refereed Journals of Other Institutions)
- III. **Investigation of middle school students' thoughts about a mobile planetarium activity**
OKTAY Ö., EKİNCİ S., ŞEN A. İ.
İlköğretim Online, vol.19, no.2, pp.695-717, 2020 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Sağlık Kuruluşları - Hastaneler**
ŞEN A. İ., EKİNCİ S.
in: Okul Dışı Öğrenme Ortamları, Şen, Ahmet İlhan, Editor, Pegem Akademi Yayıncılık, Ankara, pp.307-329, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **Development and Validation of Out-of-School Learning Environments Perception Scale (OSLEPS)**
ŞEN A. İ., EKİNCİ S., KADIRHAN Z., OKTAY Ö., ERTAŞ KILIÇ H.
5th International Eurasian Educational Research Congress (EJER 2018), 2 - 05 May 2018
- II. **Students' Exploration of Physics Concepts in Planetarium: A Novel Research Design**
ŞEN A. İ., EKİNCİ S., OKTAY Ö.
2017 8th International Conference on Distance Learning and Education, Barcelona, Spain, 20 - 22 December 2017
- III. **Okul Dışı Öğrenme Ortamı Olarak Planetaryum: Bir Toplumsal Sorumluluk Projesi**
ŞEN A. İ., ERTAŞ KILIÇ H., OKTAY Ö., EKİNCİ S., KADIRHAN Z.
3. Ulusal Fizik Eğitimi Kongresi, Ankara, Turkey, 14 - 16 September 2017
- IV. **Exploring Pre-Service Physics Teachers' Understanding of the Heisenberg Uncertainty Principle**
EKİNCİ S., ŞEN A. İ.
ECER 2017 - The European Conference on Educational Research, Kopenhag, Denmark, 22 - 25 August 2017
- V. **Development of a novel qualitative analysis method for concept maps to assess students' knowledge structures**
EKİNCİ S., ŞEN A. İ.
GIREP-ICPE-EPEC Conference 2017, Dublin, Ireland, 3 - 07 July 2017
- VI. **Lise Fen Öğretim Programları Atomun Modern Yapısının Anlamlı Öğrenilmesine Olanak Sağlıyor Mu?**
EKİNCİ S., ŞEN A. İ.
IVth International Eurasian Educational Research Congress, Denizli, Turkey, 11 - 14 May 2017
- VII. **A Review of Studies Related to Atom Concept in Science Education Literature**
EKİNCİ S., ŞEN A. İ.
II.IOSTE Eurasian Regional Symposium & Brokerage Event Horizon 2020 – Science with and for Society, 24 - 26 April 2015
- VIII. **Investigating 12th Grade High School Turkish Students' Cognitive Structures about the Atom Concept**

Using Concept Mapping Tool

ŞEN A. İ., EKİNCİ S.

GIREP-MPTL 2014 International Conference, Palermo, Italy, 7 - 12 July 2014, pp.171

IX. Ekinci S., Şen A. İ.

I. Ulusal Fizik Eğitimi Kongresi, Ankara, Turkey, 12 - 14 September 2013

Supported Projects

Şen A. İ., Oktay Ö., Ekinci S., TÜBİTAK Project, Science and Physics Teachers' Training for Using Instructional Methods and Techniques in Out-of- School Environments, 2018 - 2018

ŞEN A. İ., KADİRHAN Z., ERTAŞ KILIÇ H., OKTAY Ö., EKİNCİ S., Project Supported by Higher Education Institutions, İnfomal Öğrenme Ortamı Olarak Planetaryum Bir Toplumsal Sorumluluk Projesi, 2016 - 2017

Scientific Refereeing

GIREP-MPTL 2014 International Conference, Conference Paper (Abstract), January 2014

Tasks In Event Organizations

Ekinci S., The 1st International Congress on Informal Learning, Scientific Congress, Nevşehir, Turkey, Kasım 2019

Ekinci S., Scientific Congress, Ankara, Turkey, Eylül 2013

Citations

Total Citations (WOS):4

h-index (WOS):1

Scholarships

TÜBİTAK, 2015 - Continues

TÜBİTAK, 2012 - 2014