

Res. Asst. PhD ARZU TANIŞ ÖZÇELİK

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Pennsylvania State University, Gökçeada Uygulamalı Bilimler Y.O., Mufredat Ve Ogretim/Fen Bilgisi Eğitimi, United States Of America 2011 - 2016

Postgraduate, Pennsylvania State University, Gökçeada Uygulamalı Bilimler Y.O., Mufredat Ve Ogretim/Fen Bilgisi Eğitimi, United States Of America 2009 - 2011

Undergraduate, Karadeniz Technical University, Fatih Eğitim Fakültesi, Orta Öğretim Mat Ve Fen Eğitimi/Fizik Öğretmenliği, Turkey 2002 - 2007

Masters (Non-Thesis), Karadeniz Technical University, Fatih Eğitim Fakültesi, Orta Öğretim Mat Ve Fen Eğitimi/Fizik Öğretmenliği, Turkey 2002 - 2007

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, Graduate Certificate for Online Teaching, Pennsylvania State University/World Campus, 2015

Dissertations

Doctorate, Science Teacher Candidates Developing Professional Pedagogical Vision Around Ambitious Science Teaching Practices, Pennsylvania State University, Eğitim Fakültesi, Mufredat Ve Ogretim/ Fen Eğitimi, 2016

Postgraduate, Preservice Science Teachers' Use of Inscriptions in Their Peer Teaching Activity., Pennsylvania State University, Eğitim Fakültesi, Mufredat Ve Ogretim/ Fen Eğitimi, 2011

Research Areas

Social Sciences and Humanities, Education, Education in Natural Sciences, Education in Physics, Teacher Training

Academic Titles / Tasks

Research Assistant PhD, Recep Tayyip Erdogan University, Eğitim Fakültesi, Matematik Ve Fen Alanlari, 2017 - Continues
Research Assistant, Pennsylvania State University, Gökçeada Uygulamalı Bilimler Y.O., Fen Bilimleri Eğitimi, 2011 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Preservice Teachers Developing Coherent Inquiry Investigations in Elementary Astronomy**
Plummer J. D., Ozcelik A.
SCIENCE EDUCATION, vol.99, no.5, pp.932-957, 2015 (SSCI)
- II. **Preservice Science Teachers' Uses of Inscriptions in Science Teaching**
Tanis Ozcelik A., MCDONALD S. P.
Journal of Science Teacher Education, vol.24, no.7, pp.1103-1132, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **Mapping the increasing sophistication of students' understandings of plate tectonics: A learning progressions approach**
McDonald S., Bateman K., Gall H., TANIŞ ÖZÇELİK A., Webb A., Furman t.
Journal of Geoscience Education, vol.67, pp.83-96, 2019 (Scopus)
- II. **Getting Beneath the Surface:Modelling the Mechanism of Plate Tectonics**
Bateman K. M., McDonald S., Gall H., TANIŞ ÖZÇELİK A., Webb A., Furman t.
Science Scope, vol.42, no.2, pp.45-65, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Discourse of professional pedagogical vision in teacher education**
TANIŞ ÖZÇELİK A., McDonald S.
in: Theory and methods in sociocultural research in science and engineering education, Kelly, Gregory Green, Judith, Editor, Routledge, New York, pp.181-205, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **Öğretmen Adaylarının Açıklamalarının Doğası**
TANIŞ ÖZÇELİK A., AVŞAR ERÜMİT B.
13. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi (UFBMEK), Turkey, 4 - 06 October 2018

Metrics

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