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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABE-4637-2021

ScopusID: 35217522900

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Education Information

Doctorate, Dokuz Eylul University, Eğitim Bilimleri Enstitüsü, Fen Bilgisi Öğretmenliği (Dr), Turkey 2002 - 2005

Postgraduate, Dokuz Eylul University, Eğitim Bilimleri Enstitüsü, Fen Bilgisi Öğretmenliği (YI) (Tezli), Turkey 1999 - 2002

Undergraduate, Dokuz Eylul University, Buca Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, Turkey 1994 - 1998

Dissertations

Doctorate, İlköğretim fen bilgisi eğitiminde teknoloji ile bütünleştirilmiş öğrenme ortamı tasarımı, Dokuz Eylul University, Eğitim Bilimleri Enstitüsü, Fen Bilgisi Öğretmenliği (Dr), 2005

Postgraduate, İlköğretim 6. ve 7. sınıflarda okutulan matematiğe dayalı fen konularında yaşanan sorunlar, matematiğin bu sorunlar içerisindeki yeri ve bu sorunların giderilmesinde teknolojinin rolü ve çözüm önerileri, Dokuz Eylul University, Eğitim Bilimleri Enstitüsü, Fen Bilgisi Öğretmenliği (YI) (Tezli), 2003

Research Areas

Social Sciences and Humanities, Education

Academic Titles / Tasks

Professor, Dokuz Eylul University, Buca Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2016 - Continues
Associate Professor, Dokuz Eylul University, Buca Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2011 - 2016

Assistant Professor, Dokuz Eylul University, Buca Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2010 - 2012

Lecturer, Dokuz Eylul University, Buca Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2007 - 2010

Research Assistant, Dokuz Eylul University, Buca Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 1999 - 2007

Academic and Administrative Experience

Dean, Usak University, Faculty Of Education, 2022 - Continues

BAP Scientific Commissioner, Dokuz Eylul University, Buca Eğitim Fakültesi, Fen Bilgisi Eğitimi Bölümü, 2018 - Continues

Manager of Research and Application Center, Dokuz Eylul University, Buca Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2019 - 2020

Fakülte Kurulu Üyesi, Dokuz Eylul University, Buca Eğitim Fakültesi, Fen Bilgisi Eğitimi Bölümü, 2016 - 2019

Advising Theses

ÇAVAŞ B., Investigation of 8th grade students' digital media experiences and science and technology views in terms of various variables, Postgraduate, G.KAYA(Student), 2023

ÇAVAŞ B., The effect of the usage of interactive electronic book on the student's achievement and motivation in the middle school science course, Postgraduate, A.UZUN(Student), 2022

ÇAVAŞ B., An investigation of 8th grade students' informal science experiences and their views on environmental problems, Postgraduate, A.UÇARÇELİK(Student), 2022

ÇAVAŞ B., The effect of using gamification on student's academic achievement and motivation for matter and change unit, Postgraduate, G.ULUS(Student), 2021

ÇAVAŞ B., The examination of pre-science teachers' out of school learning experiences in terms of different variables, Postgraduate, D.EDE(Student), 2019

ÇAVAŞ B., An investigation of secondary school students' views on the environment and environmental problems according to the different variables, Postgraduate, S.NUR(Student), 2019

ÇAVAŞ B., The effects of laboratory safety professional development seminars implemented on science teachers: Laboratory safety knowledge levels, Doctorate, S.AKPULLUKÇU(Student), 2017

ÇAVAŞ B., Assessment of preservice science and technology teachers' views towards responsible research and innovation, Postgraduate, Ç.BULUT(Student), 2016

ÇAVAŞ B., The effect of inquiry based learning method for the teaching of reproduction, growth and development in the living things unit on the students' academic achievements, science process skills and attitudes toward science and technology course, Postgraduate, K.ÇELİK(Student), 2012

Jury Memberships

Competition, Teknofest, Dokuz Eylul University, July, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Research trends and content analysis of ocean literacy studies between 2017 and 2021**
Çavaş B., Açık Çınar Ş., Koç S., Kolaç M.
FRONTIERS IN MARINE SCIENCE, vol.10, pp.1-18, 2023 (SCI-Expanded)
- II. **TWENTY-TWO YEARS OF SCIENCE COMMUNICATION RESEARCH: A BIBLIOMETRIC ANALYSIS**
BALCI E. V., DUĞAN Ö., ÇAVAŞ B.
JOURNAL OF BALTIC SCIENCE EDUCATION, no.3, pp.393-412, 2023 (SSCI)
- III. **INDUSTRY 4.0 AND SCIENCE EDUCATION**
ÇAVAŞ B.
JOURNAL OF BALTIC SCIENCE EDUCATION, vol.18, no.5, pp.652-653, 2019 (SSCI)
- IV. **PEDAGOGICALLY DESIRABLE SCIENCE EDUCATION: VIEWS ON INQUIRY-BASED SCIENCE EDUCATION IN TURKEY**
ÖZDEM YILMAZ Y., ÇAVAŞ B.

- JOURNAL OF BALTIC SCIENCE EDUCATION, vol.15, no.4, pp.506-522, 2016 (SSCI)
- V. **SUSTAINABILITY IN SCHOOLS OF EDUCATION IN TURKEY: IN THE WORDS OF LECTURERS**
ÇAVAŞ B., Ertepinar H., TEKSÖZ G.
JOURNAL OF BALTIC SCIENCE EDUCATION, vol.13, no.4, pp.469-482, 2014 (SSCI)
- VI. **RESEARCH TRENDS IN SCIENCE EDUCATION FROM THE PERSPECTIVE OF JOURNAL OF BALTIC SCIENCE EDUCATION: A CONTENT ANALYSIS FROM 2002 TO 2011**
ÇAVAŞ B., ÇAVAŞ P., ÖZDEM YILMAZ Y., Rannikmae M., Ertepinar H.
JOURNAL OF BALTIC SCIENCE EDUCATION, vol.11, no.1, pp.94-102, 2012 (SSCI)
- VII. **A STUDY ON SCIENCE TEACHERS' ATTITUDES TOWARD INFORMATION AND COMMUNICATION TECHNOLOGIES IN EDUCATION**
ÇAVAŞ B., ÇAVAŞ P., KARAOĞLAN B., KIŞLA T.
TURKISH ONLINE JOURNAL OF EDUCATIONAL TECHNOLOGY, vol.8, no.2, pp.20-32, 2009 (SSCI)

Articles Published in Other Journals

- I. **Re-visiting lactate dehydrogenase from a different dimension: a model bioinformatics study for wrestling**
ÇAVAŞ L., Daglioglu O., ÇAVAŞ B.
Biotech Studies, vol.32, no.1, pp.17-23, 2023 (Scopus)
- II. **The Effects of Laboratory Safety Professional Development Seminars Implemented on Science Teachers: Laboratory Safety Knowledge Levels**
KOÇ S., ÇAVAŞ B.
SCIENCE EDUCATION INTERNATIONAL, vol.33, no.4, pp.438-448, 2022 (Peer-Reviewed Journal)
- III. **Turkish STEM Teachers' Opinions about the Scientist-Teacher-Student Partnership**
ÇAVAŞ B., ÇAPAR S., ÇAVAŞ L., YAHŞİ Ö.
Journal of Turkish Science Education, vol.18, no.4, pp.622-637, 2021 (Scopus)
- IV. **The Effect of Virtual Reality Enhanced Learning Environment on the 7th-grade Students' Reading and Writing Skills in English**
Acar A., Çavaş B.
Malaysian Online Journal of Educational Sciences, vol.4, no.8, pp.22-33, 2020 (Peer-Reviewed Journal)
- V. **More than Playing a Toy: The Effects of Lego Mindstorms on the Students' Perceptions about Scientists**
Çavaş B., Güney L. Ö., Karagöz E., Çavaş P.
SCIENCE EDUCATION INTERNATIONAL, vol.31, no.1, pp.92-103, 2020 (Peer-Reviewed Journal)
- VI. **Exploring Preservice Teachers' Science and Technology Concepts by Metaphors**
ÇAVAŞ P., ÇETİN G., PALABIYIK E., ÇAVAŞ B.
Necatibey Faculty of Education, Electronic Journal of Science and Mathematics Education, vol.13, no.2, pp.1239-1272, 2019 (Peer-Reviewed Journal)
- VII. **Öğretmen Adaylarının Bilim ve Teknolojiye Yönelik Algularının Metaforlar Yardımıyla Ortaya Konulması**
ÇAVAŞ P., ÇETİN G., PALABIYIK E., ÇAVAŞ B.
Necatibey Eğitim Fakültesi Elektronik Fen ve Matematik Eğitimi Dergisi, vol.13, no.2, pp.1239-1272, 2019 (Peer-Reviewed Journal)
- VIII. **The Development of Laboratory Safety Questionnaire for Middle School Science Teachers**
KOÇ S., ÇAVAŞ B.
SCIENCE EDUCATION INTERNATIONAL, vol.28, no.3, pp.224-231, 2017 (Peer-Reviewed Journal)
- IX. **Öğretmenlerin Sağlık ve Cinsel Eğitim İnsan Genetiği ve Beyni ile Çevre ve Çevre Eğitimine Bakış Açıları**
Günay F. Y., Hamurcu H., Çavaş B.
Batı Anadolu Eğitim Bilimleri Dergisi, vol.7, no.13, pp.25-60, 2016 (Peer-Reviewed Journal)

- X. **ÖĞRETMENLERİN SAĞLIK VE CİNSEL EĞİTİM İNSAN GENETİĞİ VE BEYNİ İLE ÇEVRE VE ÇEVRE EĞİTİMİNEBAKİŞ AÇILARI**
GÜNAY F. Y., HAMURCU H., ÇAVAŞ B.
Batı Anadolu Eğitim Bilimleri Dergisi, 2016 (Peer-Reviewed Journal)
- XI. **Research Trends in Science Education International A Content Analysis For the Last Five Years 2011 2015**
ÇAVAŞ B.
Science Education International, vol.25, no.4, pp.573-588, 2015 (Peer-Reviewed Journal)
- XII. **Turkish Pre Service Elementary Science Teachers Scientific Literacy Level and Attitudes Toward Science**
ÇAVAŞ P., ÖZDEM YILMAZ Y., ÇAVAŞ B., ÇAKIROĞLU J., ERTEPINAR H.
Science Education International, vol.24, no.4, pp.383-401, 2013 (Peer-Reviewed Journal)
- XIII. **Legitimate peripheral participation of pre-service science teachers: Collaborative reflections in an online community of practice, Twitter**
Kim M., ÇAVAŞ B.
Science Education International, vol.24, no.3, pp.306-323, 2013 (Peer-Reviewed Journal)
- XIV. **Fen Eğitime Mühendislik Odaklı Bir Yaklaşım ENGINEER Projesi ve Uygulamaları**
ÇAVAŞ B., CAGLA B., JACK H., MIIA R.
Fen Bilimleri Öğretimi, vol.1, no.1, pp.12-22, 2013 (Peer-Reviewed Journal)
- XV. **Development of an Instrument to Determine Science Teachers Implementation of Inquiry Based Science Education in their Classrooms**
ÇAVAŞ B., JACK H., KLAARA K., MIIA R.
International Journal of Primary Education, vol.2, no.2, pp.9-22, 2013 (Peer-Reviewed Journal)
- XVI. **Social Networking Websites from the Point of view of University Students A Comparative Analysis**
VINCENTAS L., SLEKIENE V., RAGUILENE L., IORDACHE D., PRIBEANU C., BILEK M., ÇAVAŞ B., MAZUROK T.
Problems of education in the 21st century, vol.57, pp.61-78, 2013 (ESCI)
- XVII. **Canlılarda Üreme Büyüme ve Gelişme Ünitesinin Araştırmaya Dayalı Öğrenme Yöntemi ile İşlenmesinin Öğrencilerin Akademik Başarılarına Bilimsel Süreç Becerilerine ve Fen ve Teknoloji Dersine Yönelik Tutumlarına Etkisi**
ÇELİK K., ÇAVAŞ B.
Ege Eğitim Dergisi, vol.13, no.2, pp.50-75, 2012 (Peer-Reviewed Journal)
- XVIII. **Outdoor education in natural life park an experience from Turkey**
ÇAVAŞ B.
Science Education International, vol.22, no.2, pp.152-160, 2011 (Peer-Reviewed Journal)
- XIX. **A Study on Pre service Science Class and Mathematics Teachers Learning Styles in Turkey**
ÇAVAŞ B.
Science Education International, vol.21, no.1, pp.47-61, 2010 (Peer-Reviewed Journal)
- XX. **A Qualitative Study on Students Understanding and Misconceptions Regarding the Living Cell**
ÇAVAŞ B., KESERCİOĞLU T. İ.
e-Journal of New World Sciences Academy, vol.5, no.1, pp.321-331, 2010 (Peer-Reviewed Journal)
- XXI. **Turkish Students Views on Environmental Challenges with respect to Gender An Analysis of ROSE Data**
ÇAVAŞ B., ÇAVAŞ P., TEKKAYA C., ÇAKIROĞLU J., KESERCİOĞLU T. İ.
Science Education International, vol.20, no.1, pp.69-78, 2009 (Peer-Reviewed Journal)
- XXII. **İlköğretim Fen Bilgisi Öğretiminde Analojilerin Kullanımı**
KESERCİOĞLU T. İ., YILMAZ H., ÇAVAŞ P., ÇAVAŞ B.
Ege Eğitim Dergisi, vol.5, no.1, pp.35-44, 2004 (Peer-Reviewed Journal)
- XXIII. **Primary Science Teachers Attitudes Toward Computer Assisted Learning**
ÇAVAŞ B., KESERCİOĞLU T. İ.
Ege Eğitim Dergisi, vol.3, no.2, pp.35-43, 2003 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **GELECEĞİ ŞEKİLLENDİREN TEKNOLOJİ: VATANDAŞ BİLİMİNE DAYALI ÇEVRE BİLİNCİ VE EĞİTİMİ**
ÇAVAŞ B., KOÇ S.
in: ÇEVRE EĞİTİMİNDE ALTERNATİF UYGULAMALAR, ÇAVAŞ Pınar, OĞUZ NAMDAR Ayşegül, Editor, Eğiten Kitap, Ankara, pp.17-38, 2023
- II. **FEN ÖĞRETİMİNDE ARAŞTIRMAYA DAYALI ÖĞRENME**
KOÇ S., ÇAVAŞ B.
Akademisyen Yayınevi, Ankara, 2022
- III. **OKULLARDA LABORATUVAR GÜVENLİĞİ**
Koç S., Çavaş B.
AKADEMİSYEN YAYINEVİ, Ankara, 2021
- IV. **Fen Öğretiminde Sanal Laboratuvar Uygulamaları**
ÇAVAŞ B., ÇAVAŞ L., Ulus G.
in: 21. YÜZYILDA FEN BİLİMLERİ ÖĞRETİMİ, Çavaş P., Anagün Ş.S., Editor, Anı Yayıncılık, Ankara, pp.189-204, 2021
- V. **Laboratory Safety for Science Teachers**
Koç S., ÇAVAŞ B.
Akademisyen, 2020
- VI. **Sanal Gerçeklik ve Eğitim Alanındaki Uygulamaları**
KARAGÖZ E., YILDIZ C., GÜNEY L. Ö., ÇAVAŞ B., ÇAVAŞ P.
in: Dijital Medya ve Öğrenme, Abdullah Kuzu, Elif Kuzu, Editor, Pegem, Ankara, pp.153-168, 2020
- VII. **Sanal Müzeler**
ÖZDEM YILMAZ Y., ÇAVAŞ B.
in: Fen Öğretiminde Okul Dışı Öğrenme Ortamları, Canan Laçın Şimşek, Editor, Pegem Akademi, Ankara, pp.75-100, 2020
- VIII. **LEARNING METHODOLOGY GUIDELINES**
Ugolini F., ÇAVAŞ B., Grazia S., Massetti L., Mylonas D., ÖZDEM YILMAZ Y., Papageorgiou F., Pearlmutter D., Ungaro F.
IBIMET-CNR, Frenze, 2019
- IX. **Bilim Merkezlerinde Avrupa Bilim İnsanları Gecesi Programı**
KARAGÖZ E., ORAL L. Ö., ÇAVAŞ B.
in: OKUL DUVARLARININ ÖTESİNE ÖĞRENME YOLCULUĞU: Bilim-Teknoloji Merkezleri ve Bilim Müzeleri, Fitnat Köseoğlu, Uygur Kanlı, Editor, Nobel Akademik Yayıncılık, Ankara, pp.355-370, 2019
- X. **A View of the impact of Technology on Science Education in 2070**
KARAGÖZ E., ÇAVAŞ B., ORAL L. Ö.
in: Science Education: Visions of the Future, AKPAN Ben, Editor, Next Generation Education, Abuja, pp.261-288, 2019
- XI. **Fen Bilimleri Eğitiminde Etkileşimli Elektronik Kitapların Kullanımı**
KARAGÖZ E., ORAL L. Ö., ÇAVAŞ B.
in: Fen ve Matematik Eğitiminde Teknolojik Yaklaşımlar, Dr. Devrim AKGÜNDÜZ, Editor, ANI YAYINCILIK, Ankara, pp.246-264, 2019
- XII. **Guides for Teachers: Pedagogical Framework Implementation Guide**
Chouliaras G., Drakatos G., Staviani M., Mavromanolakis G., Potsidi M., Chaniotakis M., Sotiriou S., Stouraitis I., Alexapolus G., Papaevripdou M., et al.
EPINOIA SA, 2017
- XIII. **WorldSTE2016 Scientific Programme and Abstracts**
ÇAVAŞ B., Akpan B., Çakmakçı G.
Papillon, İstanbul, 2016
- XIV. **STEM eğitimi Türkiye raporu: Günün modası mı yoksa gereksinim mi?**
AKGÜNDÜZ D., aydeniz m., ÇAKMAKÇI G., ÇAVAŞ B., ÇORLU M. S., ÜNER T., ÖZDEMİR S.
İstanbul Aydın Üniversitesi, 2015

- XV. **IOSTE Eurasian Regional Symposium Brokerage Event Horizon 2020 Abstracts and Programme Book**
ÇAVAŞ B., GÜLTEKİN Ç.
PALME YAYINCILIK, Ankara, 2015
- XVI. **Öğretim Materyalleri Kitabı**
ÇAVAŞ B.
Palme Yayıncılık, Ankara, 2015
- XVII. **Biyoloji Uygulamaları 1**
BALIM A. G., ÇAVAŞ B., ÖZTÜRK ÇALI İ.
Gema Gelişim Yayıncılık, İzmir, 2004

Refereed Congress / Symposium Publications in Proceedings

- I. **ROSES-SECOND PROJECT AND A CURRENT VIEW ON SCIENCE EDUCATION**
ÇAVAŞ B., KOÇ S., YENTÜR M. M.
IV. INTERNATIONAL BAKU CONFERENCE ON SCIENTIFIC RESEARCH, Baku, Azerbaijan, 30 November - 01 December 2022, vol.1, pp.565-570
- II. **STUDENTS' AWARENESS ON ENVIRONMENTAL CHALLENGES**
ÇAVAŞ B., KOÇ S., YENTÜR M. M.
2. INTERNATIONAL CONGRESS ON ENVIRONMENT, DISASTER AND FOREST, Adana, Turkey, 2 - 03 December 2022, pp.13-23
- III. **ÖĞRENCİLERİN GELECEKTEKİ MESLEKLERİNE YÖNELİK KARİYER MOTİVASYONLARI**
ÇAVAŞ B., KOÇ S., YENTÜR M. M., GÖL D.
7.Uluslararası Bilimsel Araştırmalar Kongresi, Ankara, Turkey, 2 - 04 December 2022, pp.1219-1228
- IV. **A Trend Analysis About Ocean Literacy Studies Between 2004-2022**
ÇAVAŞ B., AÇIK ÇINAR Ş., KOÇ S., Kolaç M.
IV. International Baku Scientific Research Congress, Baku, Azerbaijan, 30 November - 01 December 2022, pp.558-564
- V. **AN INVESTIGATION ON OCEAN LITERACY OF PRESERVICE SOCIAL SCIENCES TEACHERS**
AÇIK ÇINAR Ş., ÇAVAŞ B.
6. ASIA PACIFIC INTERNATIONAL CONGRESS ON CONTEMPORARY STUDIES, 15 December 2021
- VI. **SCIENCE AND INNOVATION IN MARINE SCIENCES: INTER ISLAMIC NETWORK ON OCEANOGRAPHY**
AÇIK ÇINAR Ş., ÇAVAŞ B.
INTERNATIONAL ANTALYA SCIENTIFIC RESEARCH AND INNOVATIVE STUDIES CONGRESS, 18 December 2021
- VII. **EVALUATING TURKISH PRESERVICE SCIENCE TEACHERS' OCEAN LITERACY LEVEL**
AÇIK ÇINAR Ş., ÇAVAŞ B.
INTERNATIONAL ANTALYA SCIENTIFIC RESEARCH AND INNOVATIVE STUDIES CONGRESS, 18 December 2021
- VIII. **An investigation on student's perceived change in attitudes towards STEM and career decision self-efficacy in Daylighting Rivers**
ÖZDEM YILMAZ Y., ÇAVAŞ B.
International Conference "Daylighting Rivers: Inquiry Based Learning for Civic Ecology", 1 - 02 December 2020
- IX. **The Use of Interactive Elektronik Book to Make Science Education Attractive for Students**
KARAGÖZ E., ÇAVAŞ B.
The 6th ICASE World Science and Technology Education Conference, Pattaya, Thailand, 2 - 06 December 2019
- X. **Teaching in the Era of Industry 4.0: Cultivating the Next Generation of STEM Teachers.**
Demir K., ÇAVAŞ P., ÇAVAŞ B.
6th ICASE World Science and Technology Education Conference, Pattaya, Thailand, 2 - 06 December 2019
- XI. **The Effect of Robotic Education on The Concepts of Science and Technology In The Students' Mind**
Karagöz E., Oral L. Ö., Çavaş B.
International Symposium on Active Learning, Adana, Turkey, 6 - 08 September 2019, vol.1, pp.12-19
- XII. **Beyond the pages: Interactive eworkbook of middle school students for science courses**

KARAGÖZ E., ORAL L. Ö., YILDIZ C., ÇAVAŞ B.

NSTA 2019, 09 April 2019

- XIII. **Virtual Reality Enhanced Learning in STEM**
ACAR A., ÇAVAŞ B., KIŞLA T.
World STEM Education Conference, 8 - 10 June 2018
- XIV. **STEM Education in Virtual Museums**
ÇAVAŞ B., YAĞCI R., KIŞLA T., KESKİN H., GÜR B., ÖZDEM YILMAZ Y., TEOMAN B.
World STEM Education Conference, 8 - 10 June 2018
- XV. **The realization of of IBSE in PROFILES**
ÖZDEM YILMAZ Y., ÇAVAŞ B.
PROFILES Conference, 24 January 2013 - 05 January 2018
- XVI. **FROM “SCIENCE IN SOCIETY (SiS)” TO “SCIENCE WITH AND FOR SOCIETY (SWAFS)” : CHALLENGES AND IMPLEMENTATIONS IN EUROPEAN SCIENCE EDUCATION**
ÇAVAŞ B.
EDUCATIONAL CONFERENCE “TEACHING SCIENCES IN SCHOOLS WITH CREATIVITY AND INNOVATION: TRANSFORMING THE THEORY INTO PRACTICE, 6 - 11 December 2017
- XVII. **Avrupa Birliğinde STEM Eğitimi Yaklaşımları ve Uygulamaları**
ÇAVAŞ B.
Eğitimde Alternatif Yaklaşımlar, Turkey, 01 December 2017
- XVIII. **Investigation of High School Teachers’ Perception of Mobile Learning according to Their Tablet Acceptance**
KIŞLA T., ÇAVAŞ B.
9th Annual International Conference on Humanities and Social Sciences, 8 - 10 September 2017
- XIX. **A Reflection of Preservice science teachers’xx views of open access dimension of RRI**
Bulut Ç., ÇAVAŞ B., Demir K.
2nd International Baltic Symposium on Science and Technology Education, 12 - 15 June 2017
- XX. **THE IMPORTANCE OF DAILY SPORT EXERCISES FOR OUR HEALTHY LIFE**
DAĞLIOĞLU Ö., ÇAVAŞ B.
Multiple Dimensions in Science Education, 1 - 06 December 2016
- XXI. **ICASE JOURNAL SCIENCE EDUCATION INTERNATIONAL**
ZHANG B., HOLBROOK J., ÇAVAŞ B.
ICASE 2016, 1 - 05 November 2016
- XXII. **EVALUATION OF PRESERVICE SCIENCE TEACHERS VIEWSTOWARDS RESPONSIBLE RESEARCH AND INNOVATION**
ÇAVAŞ B., Bulut C.
ICASE 2016, 1 - 05 November 2016
- XXIII. **AN ASSESSMENT OF NEW SCIENCE AND TECHNOLOGY CURRICULUM IN TERMS OF LABORATORY USAGE**
ÇAVAŞ B., AKPULLUKCU S.
ICASE 2016, 1 - 05 November 2016
- XXIV. **A PROFILES BASED TEACHING AND LEARNING MODULE HOW CAN WE CREATE AN ICE CREAM CAR WHICH GOES ON THE BEACH USING WIND**
ÇAVAŞ B., SAYAR S. N., SENEL S.
ICASE 2016, 1 - 05 November 2016
- XXV. **An Assessment of New Science and Technology Curriculum in terms of Laboratory Usage**
KOÇ S., ÇAVAŞ B.
5TH WORLD CONFERENCE ON SCIENCE AND TECHNOLOGY EDUCATION (WORLD STE2016), Antalya, Turkey, 01 November 2016
- XXVI. **Integration of Robotics into School Science Curriculum 4 Best Practices**
ÇAVAŞ B., SILAY İ., SENEL S., DEMİR K.
IOSTE 2016, 11 - 16 July 2016

- XXVII. **FEN BİLGİSİ ÖĞRETMEN ADAYLARININ DEPREM KONUSUNDAKİ KAVRAM YANILGILARI ÜZERİNE BİR ARAŞTIRMA**
BINGUL D., ÇAVAŞ B.
NEW TRENDS IN HIGHER EDUCATION, 12 - 13 April 2016
- XXVIII. **YÜKSEKÖĞRETİMDE ARTIRILMIŞ ORTAMLARININ KULLANIMI**
SENEL S., ÇAVAŞ B.
New Trends in Higher Education, 12 - 13 April 2016
- XXIX. **A NEW APPROACH IN EDUCATION SYSTEM RESPONSIBLE RESEARCH AND INNOVATION**
ÇAVAŞ B., BULUT C.
NEW TRENDS IN HIGHER EDUCATION, 12 - 13 April 2016
- XXX. **Engineering in K12 Teaching and Learning Environment Experiences from ENGINEER Project in Turkey**
ÇAVAŞ B., HOLBROOK J., RANNIKMAE M., SILAY İ.
NSTA 2016, 31 March - 02 April 2016
- XXXI. **Laboratory Safety Questionnaire: Development, Validity And Reliability**
KOÇ S., ÇAVAŞ B.
II.IOSTE Eurasian Regional Symposium & Brokerage Event Horizon 2020 – Science with and for Society, İstanbul, Turkey, 24 - 26 April 2015
- XXXII. **Learning How To Control The Scientific Process Skills Through 3- Stage Model: 7th Grade - Absorption of Light Unit**
KOÇ S., ÇAVAŞ B.
II.IOSTE Eurasian Regional Symposium & Brokerage Event Horizon 2020 – Science with and for Society, İstanbul, Turkey, 24 - 26 April 2015
- XXXIII. **Learning How To Control The Scientific Process Skills Through 3 Stage Model 7th Grade Absorption of Light Unit**
SİMGE A., CAGLA B., DUYGU S., ÇAVAŞ B.
II.IOSTE Eurasian Regional Symposium & Brokerage Event Horizon 2020, İstanbul, Turkey, 24 - 26 April 2015, vol.1, pp.105
- XXXIV. **Laboratory Safety Questionnaire Development Validity And Reliability**
SİMGE A., ÇAVAŞ B.
II.IOSTE Eurasian Regional Symposium & Brokerage Event Horizon 2020, İstanbul, Turkey, 24 - 26 April 2015, vol.1, pp.100
- XXXV. **European Researchers Night**
COLETTE R., ÇAVAŞ B., DUYGU S.
II.IOSTE Eurasian Regional Symposium & Brokerage Event Horizon 2020, İstanbul, Turkey, 24 - 26 April 2015, vol.1, pp.101-102
- XXXVI. **The Makers of Future The Future of Makers**
ÖZDEM YILMAZ Y., BİLİCAN K., ÇAVAŞ B.
II.IOSTE Eurasian Regional Symposium & Brokerage Event Horizon 2020, İstanbul, Turkey, 24 - 26 April 2015, vol.1, pp.66-67
- XXXVII. **The Change Process in a College Physics Faculty s Conceptions and Practices on Teaching for Conceptual Change**
WILLIAM S., DEMİR A., ÇAVAŞ B., ÇAVAŞ P.
2015 Annual International Conference, Chicago, United States Of America, 11 - 14 April 2015, vol.1, pp.442-443
- XXXVIII. **Teachers conceptions of gender equality in France and Turkey**
PIERRE C., JEREMY C., HAMURCU H., ÇAVAŞ B., GÜNAY F. Y.
II.IOSTE Eurasian Regional Symposium & Brokerage Event Horizon 2020, İstanbul, Turkey, 24 - 26 April 2015, vol.1, pp.117
- XXXIX. **A PROFILES Project Based Teaching and Learning Module**
ÇAVAŞ B., Jack H.
10th NSTA Global Conversations in Science Education Conference, Chicago, United States Of America, 12 - 15

March 2015, vol.1, pp.85

- XL. **Responsible Research And Innovation Experiences From Ark of Inquiry Project in Turkey**
ÇAVAŞ B., SILAY İ.
Int Conference on Mediterranean Sea Connects Us, Chania, Greece, 19 - 23 December 2015, vol.1, pp.16
- XLI. **Pre-service Teachers' Views on the Environmental Education, Human Brain and Genetics, Health and Sexual Education**
Gunay Y., ÇAVAŞ B., HAMURCU H.
16th Symposium of the International-Organisation-for-Science-and-Technology-Education (IOSTE), Kuching, Malaysia, 21 - 27 September 2014, vol.167, pp.141-151
- XLII. **Outdoor education in Izmir natural life park**
ÇAVAŞ B., ÇAVAŞ P., MUŞLU KAYGISIZ G., KESERCİOĞLU T. İ.
IOSTE Eurasian Regional Symposium & Brojerage event Horizon 2020, 30 October - 01 November 2013
- XLIII. **FEN VE TEKNOLOJİ EĞİTİMİNDE LABORATUVAR GÜVENLİĞİ ÜZERİNE BİR ARAŞTIRMA**
AKPULLUKÇU KOÇ S., ÇAVAŞ B.
X. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi, Niğde, Turkey, 27 June 2012
- XLIV. **The Effects of Robotics Club on the Students Performance on Science Process Scientific Creativity Skills and Perceptions on Robots Human and Society**
ÇAVAŞ B., KESERCİOĞLU T. İ., HOLBROOK J., RANNIKMAE M., OZDOGRU E., GOKLER F.
3RD INTERNATIONAL WORKSHOP TEACHING ROBOTICS, 20 - 24 April 2012
- XLV. **What I want to learn about physics topics: A general picture of Turkish Rose Survey**
ÇAVAŞ B., ÇAVAŞ P., YILMAZ H., KESERCİOĞLU T. İ.
XIV IOSTE Symposium, 13 - 18 June 2010
- XLVI. **Aktif Eğitim Uygulanan Kimya Bölümü Öğrencilerinin Öğrenme Stilleri üzerine bir araştırma**
ÇAVAŞ L., ÇAVAŞ B.
V.Aktif Eğitim Kurultayı, Turkey, 7 - 08 June 2008
- XLVII. **Technology Based Learning Robotics Club**
ÇAVAŞ B., ÇAVAŞ P.
AB 2015, Turkey, 2 - 04 February 2005
- XLVIII. **Effects of Underwater Rugby on the Plasma Concentrations of Urea, Uric acid, Creatinine, Albumin, Globulin and Bilirubin levels**
ÇAVAŞ L., ÇAVAŞ B., YURDAKOÇ M. K.
12.International Conference on Physical Education and Sports, 21 May - 23 April 2004
- XLIX. **A Comparative Study: Skin Folds, Estimated Percentage Body Fat, Total Body Fat Weight And Fat-Free Body Mass In The Female And Male Turkish Athletes**
ÇAVAŞ L., DAĞLIOĞLU Ö., HAZAR M., GÜRLER S., ÇAVAŞ B., YURDAKOÇ M. K.
13th Balkan Sports Medicine Congress, 29 April - 02 May 2004
- L. **Eğitimde Bilgi ve İletişim Teknolojilerinin Kullanımına Yönelik Bir Araştırma Dictated Yaklaşımı**
ÇAVAŞ B., KIŞLA T., PETER T.
AKADEMİK BİLİŞİM, Turkey, 11 - 13 February 2004, vol.1, pp.34-35
- LI. **Teknoloji Tabanlı Öğrenme ROBOTİK KULÜP**
ÇAVAŞ B., ÇAVAŞ P.
Akademik Bilişim-05, Turkey, 2 - 04 February 2005, vol.1, pp.113-114
- LII. **Effects of underwater rugby on the activities of some serum marker enzymes**
ÇAVAŞ L., ÇAVAŞ B., YURDAKOÇ M. K.
12th Exercise Biochemistry Conference, 13 - 16 July 2003
- LIII. **İlköğretim Okulları 7. Sınıflarda Okutulan Fen Bilgisi Derslerinin Öğretiminde Matematik Bilgilerinin Yeri ve Önemi**
ÇAVAŞ B., Köroğlu H., BOYACIOĞLU EMİROĞLU H., KEŞAN C.
IV. Fen bilimleri Eğitimi Kongresi, Ankara, Turkey, 6 - 08 September 2000, pp.302-312
- LIV. **An Investigations On Swimming Course Which Given To Young Children In Summer School.**
ÇAVAŞ B., ÇAVAŞ L.

Swimming and Waterpolo Symposium, Turkey, 11 - 12 November 1999

LV. Yeniden yapılandırılan Eğitim Fakültelerinde web sayfalarından beklentiler

ÇAVAŞ L., TARHAN L., ÇAVAŞ B.

I. International Information Technology Symposium, 14 - 16 October 1999

LVI. Teaching The Systematic Of Plants Course Using Computer

KESERCİOĞLU T. İ., ÇAVAŞ B., ÇAVAŞ L.

I. International Information Technology Symposium, 14 - 16 October 1999

LVII. A Research on Demonstrating The Structure of 3D Amino acid Using Computer Simulations

ÇAVAŞ L., ÇAVAŞ B.

I. International Information Technology Symposium, 14 - 16 October 1999

Episodes in the Encyclopedia

I. Encyclopedia of Science Education

ÇAVAŞ B.

Springer, pp.1089-1090, 2015

Supported Projects

ÇAVAŞ B., Project Supported by Higher Education Institutions, ORTAOKUL FEN BİLİMLERİ DERSİ İÇİN YENİ BİR YAKLAŞIM: BİLİM, TEKNOLOJİ VE MÜHENDİSLİK ODAKLI SORGULAMAYA DAYALI FEN EĞİTİMİ, 2016 - 2019

ÇAVAŞ B., Project Supported by Higher Education Institutions, İLKÖĞRETİMDE ROBOT UYGULAMALARININ ÖĞRENCİLERİN BİLİMSEL SÜREÇ BECERİLERİ İLE YARATICILIKLARINA ETKİSİ, 2009 - 2012

Activities in Scientific Journals

JOURNAL OF BALTIC SCIENCE EDUCATION, Committee Member, 2020 - Continues

School Science and Mathematics, Committee Member, 2020 - Continues

SCIENCE EDUCATION INTERNATIONAL, Committee Member, 2010 - Continues

Memberships / Tasks in Scientific Organizations

Inter Islamic Network on Oceanography, Secretary General, 2021 - Continues, Turkey

The World Underwater Federation, Member of Science Committee, 2020 - Continues, Italy

International Council of Association for Science Education, Co-chairman, 2010 - Continues, Ireland

Scientific Refereeing

JOURNAL OF BALTIC SCIENCE EDUCATION, Journal Indexed in SSCI, November 2022

Scientific Consultations

Bahcesehir Koleji, Project Consultancy, Dokuz Eylul University, Buca Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, Turkey, 2022 - Continues

Tasks In Event Organizations

Çavaş B., SEISMO-LAB SUMMER SCHOOL, Science / Art Camp or Summer School Organization, Athens, Greece, Temmuz 2022

Metrics

Publication: 121

Citation (WoS): 65

Citation (Scopus): 91

H-Index (WoS): 4

H-Index (Scopus): 4

Artistic Activity

ÇAVAŞ B., Nesli Tehdit Altındaki Canlıların Robotlarının Sergisi, August 2016