

Assoc. Prof. BAHADIR NAMDAR

Personal Information

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Education

Doctorate, University of Georgia, Mathematics And Science Education, Science Education, United States Of America 2010 - 2014

Undergraduate, Dokuz Eylul University, Eğitim Fakültesi, Orta Öğretim Mat Ve Fen Eğitimi/ Biyoloji Öğretmenliği, Turkey 2004 - 2009

Masters (Non-Thesis), Dokuz Eylul University, Eğitim Fakültesi, Orta Öğretim Mat Ve Fen Eğitimi/ Biyoloji Öğretmenliği, Turkey 2004 - 2009

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, Erasmus Staff Teaching Mobility, Instituto Politecnico de Castelo Branco, Castelo Branco, Portugal, 2019

Education Management and Planning, Erasmus Staff Training Mobility, University of Oslo, Oslo, Norway, 2018

Education Management and Planning, Erasmus Staff Teaching Mobility, Instituto Politecnico de Castelo Branco, Castelo Branco, Portugal, 2017

Education Management and Planning, Erasmus Staff Training Mobility, University of Limerick, Limerick, Ireland, 2016

Dissertations

Doctorate, Knowledge organization with multiple external representations in a computer supported collaborative learning environment for arguing on a socioscientific issue. , University of Georgia, Eğitim Fakültesi, Matematik Ve Fen Eğitimi/ Fen Eğitimi, 2014

Research Areas

Social Sciences and Humanities, Education, Education in Natural Sciences

Academic Positions

Associate Professor, Recep Tayyip Erdogan University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2018

- Continues

Assistant Professor, Recep Tayyip Erdogan University, Eğitim Fakültesi, İlköğretim Bölümü, 2018 - 2018

Assistant Professor, Recep Tayyip Erdogan University, Eğitim Fakültesi, İlköğretim Bölümü, 2015 - 2018

Research Assistant PhD, Recep Tayyip Erdogan University, Eğitim Fakültesi, İlköğretim Bölümü, 2014 - 2015

Research Assistant, University of Georgia, Gökçeada Uygulamalı Bilimler Y.O., Matematik Ve Fen Bilgisi Eğitimi , 2011 - 2014

Research Assistant, University of California, Berkeley, Eğitim Bilimleri Enstitüsü, Fen Ve Matematik Eğitimi, 2013 - 2013

Academic and Administrative Experience

Recep Tayyip Erdogan University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2015 - Continues

Recep Tayyip Erdogan University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi, 2016 - 2019

Recep Tayyip Erdogan University, Strateji Geliştirme Daire Başkanlığı, 2016 - 2017

Courses

Doctorate

Teknolojik Pedagojik Alan Bilgisi Uygulamaları, Doctorate, 2016 - 2017

Eğitim Araştırmalarını İngilizce Raporlaştırma, Doctorate, 2016 - 2017

Postgraduate

Eğitim Araştırmalarını İngilizce Raporlaştırma, Postgraduate, 2018 - 2019

Nitel Veri Analizi, Postgraduate, 2018 - 2019

Fen Eğitiminde Teknoloji Destekli Öğrenme Ortamları Tasarımı, Postgraduate, 2019 - 2020

Fen Eğitiminde Bilimsel Açıklamalar ve Argümanlar, Postgraduate, 2016 - 2017

Eğitim Teknolojilerinde Güncel Uygulamalar, Postgraduate, 2015 - 2016

Undergraduate

Öğretim Teknolojileri ve Materyal Tasarımı, Undergraduate, 2019 - 2020

Teknolojik Proje Tasarımı, Undergraduate, 2016 - 2017

Supervised Theses

NAMDAR B., Ortaokul Öğrencilerinin Farklı Sosyobilimsel Konulardaki Yazılı Argümanlarında Gösterim Kullanımları, Postgraduate, İ.Bariş(Student), Continues

NAMDAR B., Argüman Tabanlı Sorgulayıcı Araştırma Yönteminde İşbirlikli Yazma Süreçlerinin İncelenmesi, Postgraduate, D.Çak(Student), Continues

NAMDAR B., Fen Bilimleri Öğretmen Adaylarının Teknoloji ile Zenginleştirilmiş Bir Öğrenme Ortamındaki Sosyobilimsel Argümanlarının ve İnfomal Muhakemelerinin İncelenmesi, Postgraduate, E.Salih(Student), Continues

NAMDAR B., Fen Bilimleri Öğretmen Adaylarının Argümana Dayalı Mühendislik Uygulamaları Sürecinde Tasarım Çözümlerinin İncelenmesi, Postgraduate, H.Harun(Student), Continues

NAMDAR B., 7. SINIF ÖĞRENCİLERİNİN MÜHENDİSLİK TASARIM SÜREÇLERİNDEKİ MÜZAKERE DAVETLERİNİN ARGÜMANTASYON EĞİTİMİ ALMA DURUMLARINA GÖRE İNCELENMESİ, Postgraduate, S.Tuğ(Student), 2020

NAMDAR B., Fen Bilimleri Öğretmen Adaylarının İnfomal Muhakemeleri ve Bilimsel Düşünme Alışkanlıkları: Hidroelektrik Santraller Örneği, Postgraduate, B.Kalın(Student), 2019

NAMDAR B., Öğretmen Adaylarının Medya Okuryazarlıkları ve Yerel, Ulusal ve Küresel Sosyobilimsel Konular Hakkındaki İnfomal Muhakemeleri, Postgraduate, S.Pehlivanlar(Student), 2019

NAMDAR B., Model tabanlı etkinliklerin beşinci sınıf öğrencilerin heyelan konusundaki infomal muhakemelerine ve argümanlarının gelişimine etkisi, Postgraduate, A.Demir(Student), 2017

Jury Memberships

- Post Graduate, Yüksek Lisans Tez Savunma, Mersin Üniversitesi , August, 2019
Post Graduate, Yüksek Lisans Tez Savunma, Recep Tayyip Erdoğan Üniversitesi, July, 2019
Post Graduate, Yüksek Lisans Tez Savunma, Trabzon Üniversitesi, June, 2019
Post Graduate, Yüksek Lisans Tez Savunma, Trabzon Üniversitesi, June, 2019
Post Graduate, Yüksek Lisans Tez Savunma, Recep Tayyip Erdoğan Üniversitesi, March, 2019
Doctorate, Doktora Tez Savunması, Atatürk Üniversitesi, February, 2019
Doctoral Examination, Doktora Yeterlilik Sınavı, Recep Tayyip Erdoğan Üniversitesi, January, 2018
Post Graduate, Tez Savunma Jürisi , Recep Tayyip Erdoğan Üniversitesi, June, 2017
Post Graduate, Yüksek Lisans Savunma, Boğaziçi Üniversitesi, June, 2017

Journal articles indexed in SCI, SSCI, and AHCI

- I. **The Effect of Modeling Activities on Grade 5 Students' Informal Reasoning About a Real-Life Issue**
DEMİR A., Namdar B.
Research in Science Education, 2019 (SSCI)
- II. **Fen eğitiminde teknoloji entegrasyonu çalışmalarının betimsel içerik analizi [A descriptive content analysis of research on technology integration in science education: The case of Turkey]**
NAMDAR B., KÜÇÜK A.
e-Mehmet Akif Ersoy Üniversitesi Eğitim Fakültesi Dergisi (MAKÜ), vol.48, no.4, pp.355-383, 2018 (SCI-Expanded)
- III. **Knowledge organization through multiple representations in a computer-supported collaborative learning environment**
Namdar B., Shen J.
INTERACTIVE LEARNING ENVIRONMENTS, vol.26, no.5, pp.638-653, 2018 (SSCI)
- IV. **Teaching global climate change to pre-service middle school teachers through inquiry activities**
Namdar B.
RESEARCH IN SCIENCE & TECHNOLOGICAL EDUCATION, vol.36, no.4, pp.440-462, 2018 (SSCI)
- V. **Fen bilgisi öğretmen adaylarının teknoloji destekli argümantasyona yönelik görüşleri [Preservice science teachers' views of technology-supported argumentation]**
NAMDAR B., SALİH E.
Abant İzzet Baysal Üniversitesi Eğitim Fakültesi Dergisi, vol.17, no.3, pp.1384-1410, 2017 (SCI-Expanded)
- VI. **Enhancing Student Explanations of Evolution: Comparing Elaborating and Competing Theory Prompts**
DONNELLY D. F., Namdar B., VITALE J. M., LAI K., LINN M. C.
JOURNAL OF RESEARCH IN SCIENCE TEACHING, vol.53, no.9, pp.1341-1363, 2016 (SSCI)
- VII. **Intersection of argumentation and the use of multiple representations in the context of socioscientific issues**
Namdar B., Shen J.
INTERNATIONAL JOURNAL OF SCIENCE EDUCATION, vol.38, no.7, pp.1100-1132, 2016 (SSCI)
- VIII. **Modeling-Oriented Assessment in K-12 Science Education: A synthesis of research from 1980 to 2013 and new directions**
Namdar B., Shen J.
INTERNATIONAL JOURNAL OF SCIENCE EDUCATION, vol.37, no.7, pp.993-1023, 2015 (SSCI)

Articles Published in Other Journals

- I. **An argumentation activity for third-grade students: objects in the plates**
Akbarak K., Namdar B.

- SCIENCE ACTIVITIES, vol.56, no.1, pp.1-10, 2019 (ESCI)
- II. **Defining friction force: A proposed solution to a textbook problem**
DEVELİ F., NAMDAR B.
Journal of Education in Science, Environment and Health, vol.5, no.1, pp.91-101, 2019 (Peer-Reviewed Journal)
- III. **Science Teachers' Views of Scientific Argumentation**
Namdar B., Tuskan I. B.
HACETTEPE UNIVERSİTESİ EĞİTİM FAKULTESİ DERGİSİ-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, vol.33, no.1, pp.1-22, 2018 (ESCI)
- IV. **Preservice Science Teachers' Practices of Critiquing and Revising 5E Lesson Plans**
Namdar B., Kucuk M.
JOURNAL OF SCIENCE TEACHER EDUCATION, vol.29, no.6, pp.468-484, 2018 (ESCI)
- V. **A case study of preservice science teachers with different argumentation understandings: Their views and practices of using representations in argumentation**
NAMDAR B.
International Journal of Progressive Education, vol.13, no.3, pp.95-111, 2017 (Peer-Reviewed Journal)
- VI. **Fen Bilgisi Öğretmen Adaylarının Ders Materyallerini Değerlendirmede Belirledikleri ve Kullandıkları Ölçütlerin İncelenmesi**
NAMDAR B., OĞUZ NAMDAR A., URSAVAŞ N.
EGE EĞİTİM DERGİSİ, vol.18, no.1, pp.174-212, 2017 (Peer-Reviewed Journal)
- VII. **Fen bilgisi öğretmen adaylarının ders materyallerini değerlendirmede belirledikleri ve kullandıkları ölçütlerin incelenmesi [Investigation of the criteria preservice science teachers establish and use to evaluate curriculum materials]**
NAMDAR B., OĞUZ NAMDAR A., URSAVAŞ N.
EGE EĞİTİM DERGİSİ, vol.18, no.1, pp.174-212, 2017 (Peer-Reviewed Journal)
- VIII. **Preservice science teachers' collaborative knowledge building through argumentation on healthy eating in a computer supported collaborative learning environment**
NAMDAR B.
TURKISH ONLINE JOURNAL OF EDUCATIONAL TECHNOLOGY, vol.16, no.3, pp.131-145, 2017 (Peer-Reviewed Journal)
- IX. **Örümcek mi Böcek mi? 5.Sınıf Öğrencileri İçin Argümantasyon Tabanlı Sınıflandırma Etkinliği [A spider or an insect? Argumentation-based classification activity for fifth graders]**
NAMDAR B., Demir A.
ARAŞTIRMA TEMELLİ ETKİNLİK DERGİSİ, vol.6, no.1, pp.1-9, 2016 (Peer-Reviewed Journal)
- X. **Making critical friends. Using socioscientific issues to teach argumentation and evidence-based reasoning**
Raven S., Klein V., NAMDAR B.
The Science Teacher, vol.83, no.3, pp.23-28, 2016 (Peer-Reviewed Journal)
- XI. **Fen bilgisi öğretmen adaylarının bilgisayar destekli bilgi düzenleme sürecindeki gösterim türü tercihlerinin incelenmesi [An examination of preservice science teachers' representational modality preferences during computer-supported knowledge organization]**
NAMDAR B.
Eğitimde Kuram ve Uygulama, vol.11, no.3, pp.949-970, 2015 (Peer-Reviewed Journal)
- XII. **9. sınıf biyoloji ders kitaplarında hücre konusundaki kavramsal anlama güçlüklerinin tespiti [Investigation of the conceptual understanding difficulties in ninth grade biology books about cell unit]**
Kete R., Horosan Y., NAMDAR B.
İlköğretim Online, vol.11, no.1, pp.95-106, 2012 (Peer-Reviewed Journal)

Books

- I. **Localizing Socioscientific Issues and Globalizing Citizen Science Through Computer-Supported Collaborative Learning**
NAMDAR B.
in: The Roles of Technology and Globalization in Educational Transformation, Adeoye B.F, Arome G., Editor, Igi-Global, Hershey, Pa, pp.110-126, 2020
- II. **Fen eğitiminde animasyon ve simülasyonlar**
NAMDAR B.
in: Fen ve Matematik Eğitiminde Teknolojik Yaklaşımlar, Akgündüz D., Editor, Anı Yayıncılık, Ankara, pp.265-286, 2019
- III. **Ters-yüz edilmiş fen öğrenme ortamları (flipped classrooms)**
NAMDAR B.
in: Fen Öğretiminde Yenilikçi Yaklaşımlar, Balım A G, Editor, Anı Yayıncılık, Ankara, pp.247-274, 2019
- IV. **Fen eğitiminde argümantasyon**
NAMDAR B.
in: Çağdaş yaklaşımlarla destekli fen öğretimi: Teoriden uygulamaya etkinlik örnekleri, Artun H., Günbatar Aydın S., Editor, Pegem Akademi Kitabevi Yayınları, Ankara, pp.88-106, 2019
- V. **Fen öğretiminde argümantasyon**
NAMDAR B.
in: Fen bilimleri öğretiminde yeni yaklaşımlar, Ergün M, Editor, Nobel Yayın Dağıtım, Ankara, pp.81-110, 2017
- VI. **Fen öğretiminde model tabanlı öğretim**
NAMDAR B.
in: Fen bilimleri öğretiminde yeni yaklaşımlar, Ergün M, Editor, Nobel Yayın Dağıtım, Ankara, pp.291-313, 2017
- VII. **Technology-enhanced, modeling-based instruction (TMBI) in science education**
Shen J., Lei J., Chang H., NAMDAR B.
in: Handbook of research on educational communication and technology, J.M. Spector, M.D., Merrill, J. Elen, & M.J., Bishop, Editor, Springer, New York, pp.529-540, 2014

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Fen Bilimleri Öğretmen Adaylarının Çevre Eğitimi Derslerindeki STEM Uygulamaları Hakkında Görüşleri**
Keçeli H. H., NAMDAR B.
Ulusal Biyoloji Eğitimi Kongresi, Rize, Turkey, 21 - 22 December 2019, pp.1, (Summary Text)
- II. **Türkiye'de yapılan STEM araştırmaları**
KEÇELİ H. H., NAMDAR B.
Uluslararası Temel Eğitim Kongresi, Muğla, Turkey, 23 - 27 October 2019, pp.1, (Summary Text)
- III. **Türkiye'de Yapılan STEM Araştırmaları**
Keçeli H. H., NAMDAR B.
Uluslararası Temel Eğitim Kongresi, Muğla, Turkey, 23 - 27 October 2019, pp.53, (Summary Text)
- IV. **Fen bilimleri öğretmen adaylarının argümantasyon becerileri ve argümantasyon özyeterlilik algıları**
NAMDAR B., Keçeli H. H.
Uluslararası Fen, Matematik, Girişimcilik ve Teknoloji Eğitimi Kongresi., İzmir, Turkey, 12 - 14 April 2019, pp.1, (Summary Text)
- V. **Modeling in teacher education: A review of relevant research from 1999-2016.**
NAMDAR B., Raven S., Mansen N., Burks C.
NARST 2019 Annual International Conference, Baltimore, Md, United States Of America, 30 March - 03 April 2019, pp.1, (Summary Text)
- VI. **Kim yer kimi? 8. Sınıf öğrencileri için argümantasyon tabanlı besin zinciri etkinliği**
MUŞ F., NAMDAR B.
II. Uluslararası Öğretmen Eğitimi ve Akreditasyon Kongresi, Rize, Turkey, 27 - 29 October 2018, pp.1, (Summary

Text)

- VII. **Sosyobilimsel Konuların Öğretimine Yönelik Uygulamalı Bir Etkinlik Örneği**
Tekin N., NAMDAR B., Güneş M.
Ulusal Biyoloji Eğitimi Kongresi, Aksaray, Turkey, 3 - 05 July 2018, pp.101, (Summary Text)
- VIII. **Yedinci sınıf öğrencilerinin elektriksel direnci etkileyen faktörlere yönelik modelleme pratikleri**
NAMDAR B., PEHLİVANLAR S.
International Conference on Educational Sciences-Uluslararası Eğitim Bilimleri Kongresi, Antalya, Turkey, 18 - 22 April 2018, pp.1-3, (Summary Text)
- IX. **Bir hizmet öncesi eğitiminin fen bilgisi öğretmen adaylarının teknoloji destekli argümantasyon kullanılan sınıf imajlarına etkisinin incelenmesi**
KALIN B., NAMDAR B.
International Conference on Educational Sciences-Uluslararası Eğitim Bilimleri Kongresi, Antalya, Turkey, 18 - 22 April 2018, pp.1-3, (Summary Text)
- X. **The effect of attitudes and media literacy on pre-service teachers' informal reasoning about hydroelectric power**
NAMDAR B., AYDIN B., RAVEN S.
Narst 2018 Annual International Conference, Atlanta, Ga, United States Of America, 10 - 13 March 2018, pp.1, (Summary Text)
- XI. **Middle school science teachers' experiences in implementing scientific practices-based argumentation lessons**
NAMDAR B., OĞUZ NAMDAR A.
Narst 2018 Annual International Conference, Atlanta, Ga, United States Of America, 10 - 13 March 2018, pp.1, (Full Text)
- XII. **The effect of attitudes and media literacy on pre-service teachers' informal reasoning about hydroelectric power**
NAMDAR B., AYDIN B., RAVEN S.
Narst 2018 Annual International Conference, Atlanta, Ga, United States Of America, 10 - 13 March 2018, pp.1, (Summary Text)
- XIII. **Science Teachers Learning to Teach through Creative Drama: An Evaluation of a Project**
OĞUZ NAMDAR A., NAMDAR B.
Academic Conference on Education, Teaching and E-learning in Prague 2017, (AC-ETeL), Prag, Czech Republic, 11 - 14 August 2017, pp.17, (Summary Text)
- XIV. **Science teachers' views about using technology in argumentation**
Sarsar F., NAMDAR B.
Academic Conference on Education, Teaching and E-learning, Prag, Czech Republic, 11 - 14 August 2017, pp.18, (Summary Text)
- XV. **Preservice science teachers' understanding of Turkish science education instructional program**
NAMDAR B.
Academic Conference on Education, Teaching and E-learning, Prag, Czech Republic, 11 - 14 August 2017, pp.17, (Summary Text)
- XVI. **Investigating preservice teachers' modeling protein synthesis in a technology enhanced modeling environment**
SALIH E., GÜLDEMİR S., PATAN A., NAMDAR B.
International Congress of Educational Research, Ordu, Turkey, 11 - 14 May 2017, pp.1, (Summary Text)
- XVII. **The effect of technology-enhanced modeling unit on middle school science teachers' explanations of global climate change**
NAMDAR B.
International Congress of Educational Research, Ordu, Turkey, 11 - 14 May 2017, pp.1, (Summary Text)
- XVIII. **Fen bilgisi öğretmen adaylarının sosyobilimsel konulardaki informal muhakemeleri: Yerel ve küresel Sorunlar**
Ceylan S., Tuskan İ. B., Muş F., NAMDAR B.

- Uluslararası Eğitimde Araştırmalar Kongresi, Çanakkale, Turkey, 27 - 29 April 2017, pp.1, (Summary Text)
- XIX. Fen bilimleri öğretmen adaylarının canlı ve cansız kavramlarına yönelik görüşleri**
NAMDAR B., Tuskan İ. B.
Uluslararası Eğitimde Araştırmalar Kongresi, Çanakkale, Turkey, 27 - 29 April 2017, pp.1, (Summary Text)
- XX. "Mother nature does not allow for a comfortable death": Argumentation, Critical Friends, and Socioscientific Issues**
Klein V., Mooney E., Raven S., NAMDAR B.
American Educational Research Association Conference, San Antonio, Tx, United States Of America, 27 April - 01 May 2017, pp.1-5, (Summary Text)
- XXI. Preservice science teachers on animal encroachment: Critical friend pairs and socioscientific argumentation**
NAMDAR B., Raven S., Klein V.
Association for Science Teacher Education Conference, Des Moines, Ia, United States Of America, 12 - 14 January 2017, pp.1-4, (Summary Text)
- XXII. Turkish middle school science teachers' perceptions of argumentation**
NAMDAR B.
International Congress on Research in Education, Rize, Turkey, 13 - 15 October 2016, pp.1, (Summary Text)
- XXIII. Turkish preservice science teachers' strategies of evaluating inquiry-based lesson plans**
NAMDAR B.
International Congress on Research in Education, Rize, Turkey, 13 - 15 October 2016, pp.1, (Summary Text)
- XXIV. Learners' epistemic discourse about food future in an asynchronous online discussion environment**
NAMDAR B.
International Computer & Instructional Technologies Symposium, Rize, Turkey, 16 - 18 May 2016, pp.1, (Summary Text)
- XXV. Utilizing mixed methods to better understand knowledge organization for socioscientific argumentation**
NAMDAR B.
NARST: A Worldwide Organization for Improving Science Teaching and Learning Through Research Conference, Baltimore, Md, United States Of America, 13 - 17 April 2016, pp.1-5, (Summary Text)
- XXVI. Teaching preservice mathematics teachers about climate change through mathematics-rich inquiry activities**
NAMDAR B.
World Conference on Learning Teaching and Educational Leadership (WCLTA), Paris, France, 29 - 31 October 2015, pp.1, (Summary Text)
- XXVII. Knowledge organization with multiple external representations: A mixed methods study**
NAMDAR B., Shen J.
American Educational Research Association (AERA), Chicago, Il, United States Of America, 16 - 20 April 2015, pp.1-10, (Full Text)
- XXVIII. Supporting argumentation practices with knowledge organization via student generated multiple external representations.**
NAMDAR B., Shen J.
NARST: A Worldwide Organization for Improving Science Teaching and Learning Through Research Annual Conference, Chicago, Il, United States Of America, 11 - 14 April 2015, pp.1-5, (Summary Text)
- XXIX. A design framework on assessing modeling practices.**
Shen J., Xie C., NAMDAR B.
NARST: A Worldwide Organization for Improving Science Teaching and Learning Through Research Conference, Chicago, Il, United States Of America, 11 - 14 April 2015, pp.1-5, (Full Text)
- XXX. Assessing argumentation of socioscientific issues in critical friend pair case studies**
Raven S., Klein V., NAMDAR B.
Association for Science Teacher Education Conference (ASTE) conference, Portland, Or, United States Of America, 7 - 10 January 2015, pp.1-4, (Full Text)

- XXXI. **Critical friends as a tool for evidence evaluation and argumentation on socioscientific issues**
Raven S., NAMDAR B., Klein V.
American Educational Studies Association Conference (AESAs), Toronto, On, Canada, 29 October - 02 November 2014, pp.1, (Full Text)
- XXXII. **Designing the innovative knowledge organization system (iKOS) for science learning.**
Shen J., Jiang S., NAMDAR B.
American Educational Communication Technologies (AECT) Conference, Jacksonville, Fl, United States Of America, 4 - 08 October 2014, pp.1-5, (Full Text)
- XXXIII. **Knowledge organization with multiple external representations for socioscientific argumentation: A case on nuclear energy**
NAMDAR B., Shen J.
International Conference of the Learning Sciences (ICLS), Boulder, Co, United States Of America, 23 - 27 June 2014, pp.254-261, (Full Text)
- XXXIV. **Knowledge organization with multiple external representations in computer supported collaborative learning environment for arguing on socio-scientific issues**
NAMDAR B., Shen J.
NARST: A Worldwide Organization for Improving Science Teaching and Learning Through Research Conference, Pittsburgh, Pa, United States Of America, 30 March - 02 April 2014, pp.1-5, (Summary Text)
- XXXV. **Technology enhanced, modeling-oriented assessment (TMOA) in science education: A conceptual framework**
Kim Y. A., NAMDAR B., Shen J.
NARST: A Worldwide Organization for Improving Science Teaching and Learning Through Research., Pittsburgh, Pa, United States Of America, 30 March - 02 April 2014, pp.1-5, (Summary Text)
- XXXVI. **Designing a technology-enhanced learning unit for knowledge organization to foster collaborative argumentation**
NAMDAR B., Shen J.
Southeastern Association for Science Teacher Education (SASTE) Conference, Macon, Ga, United States Of America, 13 October 2013, pp.1, (Summary Text)
- XXXVII. **Creating a social network of knowledge through a computer supported collaborative learning environment**
NAMDAR B., Shen J.
Southeastern Association for Science Teacher Education (SASTE) Conference, Statesboro, Ga, United States Of America, 12 October 2013, pp.1, (Summary Text)
- XXXVIII. **Functions and benefits of technology in technology-enhanced modeling-oriented assessment.**
Kim Y. A., NAMDAR B., Shen J.
Southeastern Association for Science Teacher Education (SASTE) Conference, Statesboro, Ga, United States Of America, 12 October 2013, pp.1, (Summary Text)
- XXXIX. **Knowledge organization with multiple external representations in an argumentation based computer supported collaborative learning environment.**
NAMDAR B., Shen J.
10th International Conference on the Computer Supported Collaborative Learning (CSCL), Madison, Wi, United States Of America, 15 - 19 June 2013, vol.1, pp.344-351, (Full Text)
- XL. **Modeling-oriented assessment in science education: A synthesis and a new framework**
NAMDAR B., Shen J.
American Educational Research Association (AERA), San Francisco, Ca, United States Of America, 27 April - 01 May 2013, pp.1-13, (Full Text)
- XLI. **Knowledge organization and collaborative argumentation: A new online platform and two illustrative cases**
NAMDAR B., Shen J.
NARST: A Worldwide Organization for Improving Science Teaching and Learning Through Research Conference, Rio Grande, Puerto Rico, 6 - 09 April 2013, pp.1-5, (Summary Text)

- XLII. **Designing assessments of collaborative learning in science education.** In M.C. Linn and K. Ryo (Eds). **Technology-Enhanced Assessment: Implications for Science Education Policy**
NAMDAR B., Shen J.
NARST: A Worldwide Organization for Improving Science Teaching and Learning Through Research Conference, Rio Grande, Puerto Rico, 6 - 09 April 2013, pp.1-10, (Summary Text)
- XLIII. **Synthesizing modeling-based instruction in science education from 1980-2010**
Shen J., Lei J., NAMDAR B., Chen Y.
NARST: A Worldwide Organization for Improving Science Teaching and Learning Through Research Conference, Rio Grande, Puerto Rico, 6 - 09 April 2013, pp.1-5, (Full Text)
- XLIV. **International early career secondary science teacher education Part II: Canada, Taiwan, Turkey, and South Africa.**
Dubois S. L., Jurkiewicz M., Fazio X. E., NAMDAR B., Sung S., Luft J., Hewson P.
Association for Science Teacher Education Conference (ASTE) conference, Charleston, Sc, United States Of America, 9 - 12 January 2013, pp.1-4, (Summary Text)
- XLV. **Collaborative, technology-enhanced & modeling-based instruction environments in science education**
Shen J., NAMDAR B., Enriquez R.
International Conference of the Computer Supported Collaborative Learning (CSCL), Hongkong, Hong Kong, 6 - 08 July 2012, pp.1, (Full Text)
- XLVI. **Are We Failing to Prepare 21st Century Teachers for Diversity Lost? : Climate's Influence on Evolution.**
Thomson N., Tippins D., Bobe R., Scott A., Bloch L., NAMDAR B., Hakala S.
NARST: A Worldwide Organization for Improving Science Teaching and Learning Through Research Conference, Indianapolis, In, United States Of America, 25 - 28 March 2012, pp.1-5, (Full Text)
- XLVII. **Fukushima disaster: Online debate and its implication in socioscientific argumentation**
NAMDAR B., Shen J.
NARST: A Worldwide Organization for Improving Science Teaching and Learning Through Research Conference, Indianapolis, In, United States Of America, 25 - 28 March 2012, pp.1-5, (Summary Text)
- XLVIII. **Fizik, kimya, biyoloji öğretmen adaylarının alternatif ölçme ve değerlendirme konusundaki bilgi düzeylerinin incelenmesi**
Kete R., Horosan Y., NAMDAR B.
Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi, İzmir, Turkey, 23 September - 25 October 2010, pp.1, (Summary Text)

Funded Projects

OĞUZ NAMDAR A., NAMDAR B., TUBITAK Project, Fen Bilgisi Eğitimi Lisans Öğrencilerine Teknoloji Destekli Argümantasyon Eğitimi 5, 2019 - 2020

URSAVAŞ N., AYTAR A., NAMDAR B., KURT S., Project Supported by Higher Education Institutions, Öğrencilerde Su Farkındalığı ve Su Okuryazarlığının Geliştirilmesi, 2017 - 2019

Aytar A., Namdar B., Camadan F., Kaya Ö. S., Avşar Erümit B., TUBITAK Project, Doğu Karadeniz'de Sosyobilimsel Konuların Argümantasyonu, 2018 - 2018

Oğuz Namdar A., Namdar B., Camadan F., Topçu M. S., Küçük M., TUBITAK Project, Fen bilimleri öğretmenlerine yönelik bilimsel pratikler temelli argümantasyon uygulamaları, 2017 - 2017

OĞUZ NAMDAR A., SARIKAYA M., NAMDAR B., URSAVAŞ N., İSLAMOĞLU H., YANGIN S., URSAVAŞ Ö. F., AKTAŞ E., KAYA Ö. S., Project Supported by Higher Education Institutions, Öğretmenler Derslerini Yaratıcı Drama Yöntemiyle İşlemeyi Öğreniyor, 2015 - 2017

URSAVAŞ N., YAŞAR N., CAMADAN F., KÜÇÜK M., AYTAR A., OĞUZ A., NAMDAR B., URSAVAŞ Ö. F., İSLAMOĞLU H., KÜÇÜK A., et al., Project Supported by Higher Education Institutions, Okulöncesi Öğrencilerinin Su Farkındalığı Eğitimi, 2015 - 2017

Other International Funding Programs, Achievements and Challenges in Modeling-based Instruction (ACMBI) in Science Education, 2010 - 2013

Activities in Scientific Journals

Turkish Journal of Teacher Education, Assistant Editor/Section Editor, 2016 - Continues

Memberships and Roles in Scientific Organizations

National Association of Research in Science Teaching, Member, 2019 - Continues

National Association of Research in Science Teaching, Member, 2015 - Continues

Peer Reviews in Scientific Publications

International Journal of Science Education, Journal Indexed in SSCI, March 2020

Boğaziçi Üniversitesi Eğitim Dergisi, National Scientific Refreed Journal, December 2019

Studies in Educational Research and Development, National Scientific Refreed Journal, December 2019

Canadian Journal of Mathematics, Science & Technology Education , Other Indexed Journal, September 2019

International Journal of Science Education, Journal Indexed in SSCI, September 2019

Education & Science , Journal Indexed in SSCI, August 2019

Gazi Üniversitesi Gazi Eğitim Fakültesi Dergisi, National Scientific Refreed Journal, August 2019

Education & Science , Journal Indexed in SSCI, July 2019

Anadolu Öğretmen Dergisi, National Scientific Refreed Journal, May 2019

Eğitim ve Bilim, Journal Indexed in SSCI, May 2019

Hacettepe Üniversitesi Eğitim Fakültesi Dergisi, Other Indexed Journal, May 2019

Canadian Journal of Science, Mathematics, and Technology Education, SCI Journal, October 2018

Research in Science & Technological Education, Journal Indexed in SSCI, September 2018

Journal of Inquiry Based Activities, National Scientific Refreed Journal, July 2018

Eurasian Journal of Educational Research, Other journals, July 2018

Hacettepe Üniversitesi Eğitim Fakültesi Dergisi, National Scientific Refreed Journal, July 2018

Science Education, Journal Indexed in SSCI, April 2018

EURASIA Journal of Mathematics, Science and Technology Education, Journal Indexed in SSCI, April 2018

Hacettepe Üniversitesi Eğitim Fakültesi Dergisi, Other Indexed Journal, April 2018

İlköğretim Online, National Scientific Refreed Journal, April 2018

Hacettepe Üniversitesi Eğitim Fakültesi Dergisi, Other Indexed Journal, March 2018

İnformel Ortamlarda Araştırmalar Dergisi, National Scientific Refreed Journal, February 2018

International Journal of Science Education, Journal Indexed in SSCI, December 2017

Eurasian Journal of Educational Research, SCI Journal, September 2017

Hacettepe Üniversitesi Eğitim Fakültesi Dergisi, National Scientific Refreed Journal, September 2017

Science Education, Journal Indexed in SSCI, September 2017

NARST 2018 International Conference Proposal Review , Other journals, September 2017

International Journal of Progressive Education, Other Indexed Journal, July 2017

Ege Eğitim Dergisi , National Scientific Refreed Journal, June 2017

Education & Science , Journal Indexed in SSCI, June 2017

Hacettepe Üniversitesi Eğitim Fakültesi Dergisi, National Scientific Refreed Journal, June 2017

Ege Eğitim Dergisi, National Scientific Refreed Journal, May 2017

Education & Science, Journal Indexed in SSCI, March 2017

Ege Eğitim Dergisi, National Scientific Refreed Journal, March 2017

Education & Science, Journal Indexed in SSCI, November 2016
Education & Science , Journal Indexed in SSCI, November 2016
Education & Science, Journal Indexed in SSCI, November 2016
Education & Science , Journal Indexed in SSCI, November 2016
International Journal of Education in Mathematics, Science and Technology, Other Indexed Journal, July 2016
EURASIA Journal of Mathematics, Science, and Technology Education, Journal Indexed in SSCI, May 2016
International Journal of Science Education, Journal Indexed in SSCI, May 2016
Turkish Journal of Teacher Education, National Scientific Refreed Journal, December 2015
Trakya Üniversitesi Eğitim Fakültesi Dergisi, National Scientific Refreed Journal, November 2015
SAGE Open, Other Indexed Journal, May 2015
Education & Science, Journal Indexed in SSCI, February 2015

Metrics

Publication: 75
Citation (WoS): 47
Citation (Scopus): 68
H-Index (WoS): 4
H-Index (Scopus): 4

Scholarships

Yurtdışında Lisansüstü Eğitim Bursu, Ministry of Education, 2010 - Continues
Turkish Student Teacher Internship, Fulbright Program, 2009 - Continues

Awards

NAMDAR B., Yayın Teşvik, TÜBİTAK, May 2017
URSAVAŞ Ö. F., NAMDAR B., Yayın Teşvik, TÜBİTAK, July 2015
NAMDAR B., En iyi karma yöntem tez, University of Georgia, April 2014

Non Academic Experience

Other Public Institution, Tübitak