

Prof. ÖZGÜL YILMAZ TÜZÜN

Personal Information

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Education Information

1999 - 2004	Doctorate, Indiana University Bloomington, Faculty of Education, Curriculum and Instruction, United States Of America
1999 - 2003	Postgraduate, Indiana University Bloomington, Faculty of Education, Curriculum and Instruction, United States Of America
1996 - 1998	Postgraduate, Middle East Technical University, Faculty Of Education, Mathematics And Science Education, Turkey
1990 - 1995	Undergraduate, Middle East Technical University, Faculty Of Education, Mathematics And Science Education, Turkey

Dissertations

2004	Factors Affecting the Development of Instructional Skills in Preservice Middle and Secondary School Science Teachers, Indiana University Bloomington, Fen Bilimleri Eğitimi, Doctorate
2003	Tezsiz Yüksek Lisans, Indiana University, Postgraduate
1998	The Effects of conceptual change texts accompanied wit concept mapping on understanding of cell division unit, Middle East Technical University, Graduate School of Natural and Applied Sciences, Postgraduate

Research Areas

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

Academic Titles / Tasks

2014 - Continues	Professor, Middle East Technical University, Faculty Of Education, Mathematics And Science Education
2009 - 2014	Associate Professor, Middle East Technical University, Faculty Of Education, İlköğretim Bölümü
2004 - 2008	Assistant Professor, Middle East Technical University, Faculty Of Education, İlköğretim Bölümü
1996 - 2004	Research Assistant, Middle East Technical University, Faculty Of Education, İlköğretim Bölümü

Academic and Administrative Experience

2017 - 2021	Dean, Middle East Technical University, Faculty of Education
2016 - 2017	Deputy Head of Department, Middle East Technical University, Faculty of Education, Mathematics and Science Education
2016 - 2016	Head of Department, Middle East Technical University, Faculty of Education, Department of Elementary Education
2014 - 2016	Deputy Head of Department, Middle East Technical University, Faculty of Education, Department of Elementary Education
2013 - 2016	Erasmus Program Institutional Coordinator, Middle East Technical University, Faculty of Education, Department of Elementary Education
2012 - 2013	Vice Dean, Middle East Technical University, Faculty of Education
2009 - 2011	Deputy Head of Department, Middle East Technical University, Faculty of Education, Department of Elementary Education
2005 - 2011	Coordinator of Faculty Training Program, Middle East Technical University, Faculty of Education, Department of Elementary Education
2009 - 2009	Deputy Head of Department, Middle East Technical University, Faculty of Education, Department of Elementary Education

Courses

2021 - 2022	INTERDISCIPLINARY SCIENCE TEACHING, Undergraduate
2018 - 2019	INDEPENDENT STUDY IN SCIENCE EDUCATION, Postgraduate
2018 - 2019	LABORATORY APPLICATIONS IN SCIENCE I, Undergraduate
2017 - 2018	ADVANCED EDUCATIONAL RESEARCH, Doctorate
2017 - 2018	INSTRUCTIONAL PRINCIPLES AND METHODS, Undergraduate
2018 - 2019	SCIENCE, TECHNOLOGY, AND SOCIETY, Undergraduate

Advising Theses

2019	YILMAZ TÜZÜN Ö., Postgraduate, G.Özka(Student), Investigating science teachers' classroom discourse and students' reasoning quality through argument-based inquiry approach.
2018	YILMAZ TÜZÜN Ö., Doctorate, M.IRMAK(Student), Developing effective socioscientific issues teaching practices through educational design research
2017	YILMAZ TÜZÜN Ö., Doctorate, B.ÇAKIR(Student), Exploring preservice science teachers' energy conservation behavior through motivation, psychological needs and attitude: further supported with their awareness
2017	YILMAZ TÜZÜN Ö., Doctorate, Y.SOYSAL(Student), Exploration of the relations between the teacher's discursive roles and the students' cognitive contributions to the classroom discourse / YILMAZ TÜZÜN Ö., Doctorate, N.ÖZTÜRK(Student), Preservice science teachers' SSI teaching self-efficacy beliefs and their relations to knowledge, risk and benefit perceptions, and personal epistemological beliefs
2016	YILMAZ TÜZÜN Ö., Doctorate, B.TUNCAY(Student), Environmental moral reasoning patterns of pre-service science teachers and their relationships to epistemological beliefs and values
2015	YILMAZ TÜZÜN Ö., Postgraduate, S.AI(Student), Pre-service science teachers' perceptions of socioscientific issues: global warming as a case
2014	YILMAZ TÜZÜN Ö., Doctorate, N.CANSIZ(Student), Developing preservice science teachers' socioscientific reasoning through socioscientific issues-focused course
2014	YILMAZ TÜZÜN Ö., Postgraduate, A.Saylan(Student), Relationships among pre-service science teachers' epistemological beliefs, knowledge level and trustworthiness on information sources: climate change, nuclear energy, and organ donation and transplantation

2014	YILMAZ TÜZÜN Ö., Doctorate, D.KARIŞAN(Student), Exploration of preservice teachers' reflective judgment and argumentation skills revealed in a socioscientific issues-based inquiry laboratory course
2014	YILMAZ TÜZÜN Ö., Postgraduate, A.SAYLAN(Student), Relationships among pre-service science teachers' epistemological beliefs, knowledge level and trustworthiness on information sources: Climate change, nuclear energy, and organ donation and transplantation
2012	YILMAZ TÜZÜN Ö., Doctorate, N.MUTLU(Student), The design and development of an online professional development material for science and technology teachers on assessment and evaluation
2012	YILMAZ TÜZÜN Ö., Postgraduate, H.YANIŞ(Student), Investigating preservice science teachers' understanding of role and distribution of ozone layer and ozone layer depletion through mental models and ontological beliefs /
2011	YILMAZ TÜZÜN Ö., Postgraduate, N.Öztürk(Student), Investigating pre-service science teachers' informal reasoning, epistemological beliefs and metacognitive awareness regarding socioscientific issues: a case for nuclear power plant construction
2011	YILMAZ TÜZÜN Ö., Postgraduate, M.SAVAŞ(Student), Investigating pre-service science teachers' perceived technological pedagogical content knowledge regarding genetics
2011	YILMAZ TÜZÜN Ö., Postgraduate, N.ÖZTÜRK(Student), Investigating pre-service science teachers' informal reasoning, epistemological beliefs and metacognitive awareness regarding socioscientific issues: A case for nuclear power plant construction
2011	YILMAZ TÜZÜN Ö., Postgraduate, B.ÇAKIR(Student), Pre-service science teachers' metacognition in a science laboratory course with metacognitively oriented learning environment
2010	YILMAZ TÜZÜN Ö., Postgraduate, E.ÖZGE(Student), The comparison of PISA and TIMSS for framework and achievement
2010	YILMAZ TÜZÜN Ö., Doctorate, E.HACIEMİNOĞLU(Student), Student and school characteristics related to elementary students' nature of science views
2010	YILMAZ TÜZÜN Ö., TEKSÖZ G., Postgraduate, B.TUNCAY(Student), Moral reasoning of pre-service science teachers toward local and non-local environmental problems
2010	YILMAZ TÜZÜN Ö., TEKSÖZ G., Postgraduate, E.ADIBELLİ(Student), Investigating pre-service science teachers' epistemological beliefs in the domain of environment through comparing with other domains
2010	YILMAZ TÜZÜN Ö., Doctorate, S.Özgen(Student), Exploring the development of pre-service science teachers' views on nature of science in inquiry-based laboratory instruction
2009	YILMAZ TÜZÜN Ö., Postgraduate, G.ÖZTÜRK(Student), Investigating pre-service teacher's environmental literacy through their epistemological beliefs
2008	YILMAZ TÜZÜN Ö., Doctorate, M.SAMİ(Student), Preservice science teachers' informal reasoning regarding socioscientific issues and the factors influencing their informal reasoning
2007	YILMAZ TÜZÜN Ö., Postgraduate, M.AYDEMİR(Student), The investigation of teachers with respect to knowledge level on environmental concepts
2007	YILMAZ TÜZÜN Ö., Postgraduate, M.Aydemir(Student), The Investigation of teachers with respect to knowledge level on environmental concepts
2007	YILMAZ TÜZÜN Ö., Postgraduate, M.SÜNGER(Student), An analysis of efficacy beliefs, epistemological beliefs and attitudes towards science in preservice elementary science teachers and secondary science teachers

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

- I. Relationships Between Teacher Discursive Moves and Middle School Students' Cognitive Contributions to Science Concepts
Soysal Y., YILMAZ TÜZÜN Ö.

Research in Science Education, vol.51, pp.325-367, 2021 (Journal Indexed in SSCI)

- II. **Investigating pre-service science teachers' perceived technological pedagogical content knowledge (TPACK) regarding genetics**
IRMAK M., YILMAZ TÜZÜN Ö.
RESEARCH IN SCIENCE & TECHNOLOGICAL EDUCATION, vol.37, no.2, pp.127-146, 2019 (Journal Indexed in SSCI)
- III. **Preservice Science Teachers' Epistemological Beliefs and Informal Reasoning Regarding Socioscientific Issues**
Ozturk N., YILMAZ TÜZÜN Ö.
RESEARCH IN SCIENCE EDUCATION, vol.47, no.6, pp.1275-1304, 2017 (Journal Indexed in SSCI)
- IV. **Effects of Gender and Grade Level on Environmental Moral Reasoning Patterns**
Tuncay Yuksel B., YILMAZ TÜZÜN Ö., TEKSÖZ G.
HACETTEPE UNIVERSITESI EGITIM FAKULTESI DERGISI-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, vol.30, no.2, pp.137-150, 2015 (Journal Indexed in SSCI)
- V. **An evaluation of the environmental literacy of preservice teachers in Turkey through Rasch analysis**
TEKSÖZ G., Boone J. W., YILMAZ TÜZÜN Ö., ÖZTEKİN C.
ENVIRONMENTAL EDUCATION RESEARCH, vol.20, no.2, pp.202-227, 2014 (Journal Indexed in SSCI)
- VI. **Exploring the Development of Preservice Science Teachers' Views on the Nature of Science in Inquiry-Based Laboratory Instruction**
Ozgelen S., Yilmaz-Tuzun O., HANUSCIN D. L.
RESEARCH IN SCIENCE EDUCATION, vol.43, no.4, pp.1551-1570, 2013 (Journal Indexed in SSCI)
- VII. **Preservice Science Teachers' Beliefs about Application of Science Process Skills: A Case Study**
YILMAZ TÜZÜN Ö., ÖZGELEN S.
EGITIM VE BILIM-EDUCATION AND SCIENCE, vol.37, no.164, pp.126-136, 2012 (Journal Indexed in SSCI)
- VIII. **A review on pre-service teachers' views on nature of science**
ÖZGELEN S., YILMAZ TÜZÜN Ö.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART B-SOCIAL AND EDUCATIONAL STUDIES, vol.4, no.2, pp.603-616, 2012 (Journal Indexed in SCI)
- IX. **Preservice Science Teachers Beliefs about Application of ScienceProcess Skills A Case Study**
YILMAZ TÜZÜN Ö., ÖZGELEN S.
Eğitim ve Bilim, 2012 (Journal Indexed in SSCI)
- X. **Moral reasoning patterns and influential factors in the context of environmental problems**
Tuncay B., YILMAZ TÜZÜN Ö., Teksoz G. T.
ENVIRONMENTAL EDUCATION RESEARCH, vol.18, no.4, pp.485-505, 2012 (Journal Indexed in SSCI)
- XI. **Preservice Science Teachers' Informal Reasoning about Socioscientific Issues: The influence of issue context**
TOPÇU M. S., Sadler T. D., YILMAZ TÜZÜN Ö.
INTERNATIONAL JOURNAL OF SCIENCE EDUCATION, vol.32, no.18, pp.2475-2495, 2010 (Journal Indexed in SSCI)
- XII. **Investigating elementary students learning approaches motivational goals and achievement in science**
HACIEMİNOĞLU E., YILMAZ TÜZÜN Ö., ERTEPINAR H.
Hacettepe University Journal of Education, vol.37, pp.72-83, 2009 (Journal Indexed in SSCI)
- XIII. **AN INVESTIGATION ON THE ELEMENTARY TEACHERS' KNOWLEDGE ABOUT AIR POLLUTION ISSUES**
YILMAZ TÜZÜN Ö., TEKSÖZ G., Aydemir M.
HACETTEPE UNIVERSITESI EGITIM FAKULTESI DERGISI-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, no.35, pp.374-385, 2008 (Journal Indexed in SSCI)
- XIV. **Relationships among preservice science teachers' epistemological beliefs, epistemological world views, and self-efficacy beliefs**
Yilmaz-Tuzun O., Topcu M. S.
INTERNATIONAL JOURNAL OF SCIENCE EDUCATION, vol.30, no.1, pp.65-85, 2008 (Journal Indexed in SSCI)
- XV. **Demographic and methodological problems in recent environmental attitude studies: Comment on Yilmaz, Boone, and Andersen (2004) and other studies - Reply to Taskin's commentary**

Yilmaz-Tuzun O., Boone W. J.

INTERNATIONAL JOURNAL OF SCIENCE EDUCATION, vol.28, no.12, pp.1493-1494, 2006 (Journal Indexed in SSCI)

XVI. **A study of science teaching self-efficacy and outcome expectancy beliefs of teachers in India**

Shireen Desouza J., Boone J W., YILMAZ TÜZÜN Ö.

SCIENCE EDUCATION, vol.88, no.6, pp.837-854, 2004 (Journal Indexed in SSCI)

XVII. **Views of elementary and middle school Turkish students toward environmental issues**

Yılmaz Ö., Anderson H. O. , Boone W. J.

INTERNATIONAL JOURNAL OF SCIENCE EDUCATION, vol.26, pp.1527-1546, 2004 (Journal Indexed in SSCI)

Articles Published in Other Journals

- I. **Öğretmen Adaylarının STEM (FTMM) Konularının Öğretimine Yönelik İnanç ve Görüşlerinin İncelenmesi**
Öztürk N., Yılmaz Tüzün Ö., Çakır Yıldırım B.
Trakya Eğitim Dergisi, vol.9, no.4, pp.649-665, 2019 (National Refreed University Journal)
- II. **Pre-service teachers' reflective judgment skills in the context of socio-scientific issues based inquiry laboratory course**
KORUCU D. K. , YILMAZ TÜZÜN Ö., Zeidler D. L.
TURKISH JOURNAL OF EDUCATION, vol.7, no.2, pp.99-116, 2018 (Journal Indexed in ESCI)
- III. **Quality of preservice teachers argumentation in socioscientific issues context**
KARIŞAN KORUCU D., YILMAZ TÜZÜN Ö., Zeidler D. L.
Journal of Human Sciences, vol.14, pp.3504, 2017 (Refereed Journals of Other Institutions)
- IV. **Adaptation of Character and Values as Global Citizens Assesment Questionnaire Into Turkish: Validity and Reliability Study**
KARIŞAN KORUCU D., YILMAZ TÜZÜN Ö.
Pamukkale Eğitim Fakültesi Dergisi, vol.42, pp.74-85, 2017 (Other Refereed National Journals)
- V. **Dünya Vatandaşlığı İçin Karakter ve Değerler Ölçeğinin Türkçe'ye Uyarlanması**
KARIŞAN D., YILMAZ TÜZÜN Ö.
Pamukkale Üniversitesi Eğitim Fakültesi Dergisi, vol.42, no.2, pp.74-85, 2017 (Other Refereed National Journals)
- VI. **Students and school characteristics related to elementary school students' views of the nature of science**
HACIEMİNOĞLU E., Ertepinar H., YILMAZ TÜZÜN Ö., ÇAKIR H.
EDUCATION 3-13, vol.43, no.6, pp.698-719, 2015 (Journal Indexed in ESCI)
- VII. **Development and validation of nature of science instrument for elementary school students**
HACIEMİNOĞLU E., YILMAZ TÜZÜN Ö., ERTEPINAR H.
EDUCATION 3-13, vol.42, pp.258-283, 2014 (Refereed Journals of Other Institutions)
- VIII. **Preservice Elementary Science Teachers Connections among Aspects of NOS Toward a Consistent Overarching Framework**
ÖZGELEN S., Hanuscin D. L. , YILMAZ TÜZÜN Ö.
JOURNAL OF SCIENCE TEACHER EDUCATION, vol.24, pp.907-927, 2013 (Refereed Journals of Other Institutions)
- IX. **Fen derslerinde sosyobilimsel konuların işlenişine yönelik kuramsal ve uygulamalı yaklaşımlar**
YILMAZ TÜZÜN Ö.
Cito Eğitim: Kuram ve Uygulama, 2013 (Other Refereed National Journals)
- X. **Exploration of Preservice Science Teachers Epistemological Beliefs World Views and Self Efficacy Considering Gender and Achievement**
YILMAZ TÜZÜN Ö., TOPÇU M. S.
Exploration of Preservice Science Teachers' Epistemological Beliefs, World Views, and Self-Efficacy Considering Gender and Achievement, 2013 (Other Refereed National Journals)
- XI. **Exploring Environmental Literacy through Demographic Variables**
ÖZTÜRK G., YILMAZ TÜZÜN Ö., TEKSÖZ G.

Elementary Education Online, vol.12, no.4, pp.926-937, 2013 (Other Refereed National Journals)

- XII. **PRE-SERVICE SCIENCE TEACHERS PERCEPTIONS AND PRACTICES RELATED TO HISTORY OF SCIENCE INSTRUCTIONS**
HACIEMİNOĞLU E., ERTEPINAR H., YILMAZ TÜZÜN Ö.
International Journal on New Trends in Education and Their Implications, vol.3, 2012 (Refereed Journals of Other Institutions)
- XIII. **Turkish Preservice Science Teachers Informal Reasoning Regarding Socioscientific Issues and the Factors Influencing Their Informal Reasoning**
TOPÇU M. S. , YILMAZ TÜZÜN Ö., Sadler T. D.
JOURNAL OF SCIENCE TEACHER EDUCATION, vol.22, pp.313-332, 2011 (Refereed Journals of Other Institutions)
- XIV. **The Relationship between Environmental Moral Reasoning and Environmental Attitudes of Pre-Service Science Teachers**
TUNCAY YÜKSEL B., YILMAZ TÜZÜN Ö., TEKSÖZ G.
International Electronic Journal of Environmental Education, vol.1, pp.167-178, 2011 (Refereed Journals of Other Institutions)
- XV. **BİLİMSEL BİLGİNİN TEORİYE BAĞLI ÖZNEL YAPISI: “EVRİM TEORİLERİ” ETKİNLİĞİ VE SONUÇLARI/THE STRUCTURE OF SUBJECTIVITY WITH THE THEORY-LADEN OF SCIENTIFIC KNOWLEDGE: THE “EVOLUTION THEORIES” ACTIVITY AND ITS RESULTS**
ÖZGELEN S., YILMAZ TÜZÜN Ö.
MUSTAFA KEMAL ÜNİVERSİTESİ SOSYAL BİLİMLER ENSTİTÜSÜ DERGİSİ, vol.8, pp.535-550, 2011 (Other Refereed National Journals)
- XVI. **Investigating the Relationships Among Elementary School Students Epistemological Beliefs Metacognition and Constructivist Science Learning Environment**
Yılmaz Tüzün Ö., Topçu M. S.
JOURNAL OF SCIENCE TEACHER EDUCATION, vol.21, pp.255-273, 2010 (Refereed Journals of Other Institutions)
- XVII. **Elementary Students’ Metacognition and Epistemological Beliefs Considering Science Achievement, Gender and Socioeconomic Status**
Topçu M. S. , Yılmaz Tüzün Ö.
e-İlköğretim Online (elektronik), vol.8, no.3, pp.676-693, 2009 (Other Refereed National Journals)
- XVIII. **Preservice elementary teachers beliefs about science teaching**
YILMAZ TÜZÜN Ö.
Journal of Science Teacher Education, vol.19, pp.183-204, 2008 (Refereed Journals of Other Institutions)
- XIX. **Middle and High School Students with Learning Disabilities: Practical Academic Interventions for General Education Teachers - A Review of the Literature**
Anderson S., Yılmaz Tüzün Ö., Wasburn-Moses L.
American Secondary Education, vol.32, no.2, pp.19-38, 2004 (International Refereed University Journal)
- XX. **BİVOLOJİ ÖĞRETİM ADAVLARININGENEL BİVOLOJİ KONULARINDAKİ KAVRAM VANILGILARI**
ÖZTEKİN C., ÇAPA AYDIN Y., YILMAZ TÜZÜN Ö.
Hacettepe Üniversitesi Eğitim Fakültesi Dergisi, 2000 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Empirical Studies on the Environmental Problems in the Context of Socioscientific Issues: A Systematic Review**
Uygun C. B. , Yılmaz Tüzün Ö.
European Conference on Educational Research (ECER), 6 - 10 September 2021
- II. **Eight Grade Students’ Nature of Science Understanding and Their Informal Reasoning on Socioscientific Issues**
Irmak N. F. N. , Yılmaz Tüzün Ö., Çakıroğlu J.
European Educational Research Association (ECER), Geneve, Switzerland, 2 - 06 September 2021, pp.1-3

- III. **Sekizinci Sınıf Öğrencilerinin Üç Farklı Sosyobilimsel Konu Hakkındaki İnfomal Muhakemelerinin İncelenmesi**
Irmak N. F. N. , Yılmaz Tüzün Ö., Çakıroğlu J.
14. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi, Burdur, Turkey, 19 - 21 May 2021, pp.185
- IV. **Middle School Students' Informal Reasoning and Argument Quality for Different SSI**
Uygun C. B. , Yılmaz Tüzün Ö.
National Association for Research in Science Teaching (NARST) Annual International Conference, 7 - 10 April 2021
- V. **Pre-service Science Teachers' Socioscientific Issues Teaching Practices: The Influence of Knowledge on the Selected Issue**
IRMAK M., YILMAZ TÜZÜN Ö., YÜRÜK N.
European Conference on Educational Research, Hamburg, Germany, 2 - 06 September 2019
- VI. **Öğretmenlerin Sosyobilimsel Konulardaki Kavram Karikatürleri İle Argümantasyon Temelli Yürüttükleri Diyalojik Tartışmaların Değerlendirilmesi**
Atasoy Ş., Tekbıyık A., Atasoy E., Çalık M., Yılmaz Tüzün Ö., Camcı Erdoğan S.
II. Uluslararası Öğretmen Eğitimi ve Akreditasyon Kongresi, Rize, Turkey, 27 - 29 October 2018
- VII. **Öğretmenlerin Sosyobilimsel Konulardaki Kavram Karikatürleri ile Argümantasyon Temelli Yürüttükleri Diyalojik Tartışmaların Değerlendirilmesi**
ATASOY Ş., TEKBIYIK A., ATASOY E., ÇALIK M., YILMAZ TÜZÜN Ö., CAMCI ERDOĞAN S.
II. Uluslararası Öğretmen Eğitimi ve Akreditasyon Kongresi, Rize, Turkey, 27 - 29 October 2018, pp.126
- VIII. **Pre-service science teachers' overarching conceptions of technology integration and their technology integration plans into socioscientific issues teaching**
IRMAK M., YILMAZ TÜZÜN Ö., YÜRÜK N.
27th International Conference on Educational Sciences, 18 - 22 April 2018
- IX. **Who Decide What To Buy in Toystores?**
COŞKUN TUNCA Y., ALAN H. A. , YILMAZ TÜZÜN Ö., KARACI G., NAMLI Ş., YILMAZ A.
5. Uluslararası Okul Öncesi Eğitim Kongresi, 18 - 21 October 2017, pp.347-348
- X. **Pre-Service Science Teachers' Conceptions of STEM Education**
GÜLER F., ÇAKIROĞLU J., YILMAZ TÜZÜN Ö.
European Educational Research Association (ECER), Copenhagen, Denmark, 22 - 25 August 2017
- XI. **Investigation of pre-service science teachers' perceptions of integrated STEM education**
ÇAKIROĞLU J., YILMAZ TÜZÜN Ö., ÇETİNKAYA AYDIN G.
ERPA International Congresses on Education 2017, Budapest, Hungary, 18 - 21 May 2017, pp.125
- XII. **Preservice science teachers SSI teaching self-efficacy beliefs**
YILMAZ TÜZÜN Ö., ÖZTÜRK N., ÇAKIROĞLU J.
ERPA International Congress on Education, Budapest, Hungary, 18 - 21 May 2017, pp.127
- XIII. **Enhancing preservice science teachers' SSI teaching self-efficacy beliefs and character and values for global citizenship**
YILMAZ TÜZÜN Ö., ÖZTÜRK N., ÇAKIROĞLU J.
ERPA International Congress on Education, Budapest, Hungary, 18 - 21 May 2017, pp.126
- XIV. **Investigation of interaction PCK components of pre-service science teachers in STEM lesson plans**
ÇAYLAK B., ÇAKIROĞLU J., YILMAZ TÜZÜN Ö.
International Conference on Education in Mathematics, Science Technology (ICEMST), İzmir, Turkey, 18 - 21 May 2017, pp.128
- XV. **Promoting character and values for global citizens: asocioscientific issues framework.**
YILMAZ TÜZÜN Ö., KARIŞAN D.
NARST (NAtional Association Research in Science Teaching), San-Antonio, United States Of America, 22 - 25 April 2017
- XVI. **How books are selected for young children?: Driving forces for children and parents**
CENGİZOĞLU S., KAPLAN G., SOLMAZ G., önal m., ALAN H. A. , YILMAZ TÜZÜN Ö.
26. Uluslararası Eğitim Bilimleri Kongresi, 20 - 23 April 2017
- XVII. **Öğretmen Adaylarının Fen Teknoloji Mühendislik Matematik FeTeMM Eğitimine Yönelik Niyetlerinin**

İncelenmesi

ÖZTEKİN C., YILMAZ TÜZÜN Ö.

XII. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi, Turkey, 28 - 30 September 2016

- XVIII. Pre service science teachers epistemological beliefs knowledge level and trustworthiness on information sources regarding socioscientific issues**
Saylan A., Yılmaz Tüzün Ö.
The National Association for Research in Science Teaching (NARST), Maryland, United States Of America, 14 - 17 April 2016
- XIX. Examining nature of science understandings and reflective judgment skills of preservice teachers revealed in socioscientific issues based inquiry laboratory course**
KARIŞAN D., YILMAZ TÜZÜN Ö.
European Conference on Educational Research (ECER), Budapest, Hungary, 7 - 11 September 2015
- XX. STEM Integration into a Laboratory Course A Case Study**
YILMAZ TÜZÜN Ö., ÇAKIR B., ÖZEL N.
ISER, 10 - 12 June 2015
- XXI. Reflective judgment and argumentation skills of preservice teachers in a socioscientific issues based laboratory inquiry course**
YILMAZ TÜZÜN Ö., KARIŞAN D.
The National Association for Research in Science Teaching (NARST), Chicago, 11 - 14 April 2015
- XXII. Modelling the relationships among pre service science teachers cultural environmental bias nature relatedness and energy related behaviors**
YILMAZ TÜZÜN Ö., ÇAKIR B.
The National Association for Research in Science Teaching (NARST), Chicago, United States Of America, 11 - 14 April 2015
- XXIII. An adaptation study of the epistemic belief inventory with Turkish pre service science teachers**
TUNCAY B., YILMAZ TÜZÜN Ö.
The National Association for Research in Science Teaching (NARST), Chicago, United States Of America, 11 - 14 April 2015
- XXIV. Anxiety and education.**
Karışan D., Yılmaz Tüzün Ö.
European Conference on Educational Research (ECER), İstanbul, Turkey, 9 - 13 September 2013
- XXV. The interaction between nature of science understanding and religious beliefs**
Çetinkaya G., Yılmaz Tüzün Ö., Çakıroğlu J.
European Conference on Educational Research (ECER), İstanbul, Turkey, 9 - 13 September 2013
- XXVI. An exploration of pre-service science teachers' argumentation skills and their reflective judgment stages through socioscientific issues.**
Karışan D., Yılmaz Tüzün Ö.
The European Conference on Educational Research (ECER), İstanbul, Turkey, 9 - 13 September 2013
- XXVII. Pre-service science teachers informal reasoning in the context of nuclear power**
Yılmaz Tüzün Ö., Öztürk N.
The National Association for Research in Science Teaching (NARST), Hawaii, United States Of America, 6 - 09 April 2013, pp.243
- XXVIII. Development of Pre-service Science Teachers' Metacognition in an Inquiry Based Laboratory Course**
Çakır B., Ertepinar H., Yılmaz Tüzün Ö.
The National Association for Research in Science Teaching (NARST), Indiana, United States Of America, 25 - 28 March 2012, pp.171-172
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- XL. **University students' moral reasoning patterns about environmental moral dilemmas**
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- XLI. **Preservice science teachers informal reasoning regarding socioscientific issues and the factors influencing their informal reasoning**
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The National Association for Research in Science Teaching (NARST), California, United States Of America, 17 - 21 April 2009, pp.281
- XLIV. **Investigating Preservice Teachers' Environmental Literacy through their Epistemological Belief**
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- XLV. **An Investigation of Gender Effect on University Students' Environmental Reasoning Patterns toward Environmental Moral Dilemmas**
Tuncay B., Yılmaz Tüzün Ö., Cihangir G. C.
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Yılmaz Tüzün Ö., Öztürk G., Teköz-Tuncer G.
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XIII IOSTE Symposium, İzmir, Turkey, 21 - 26 September 2008, pp.494-501
- XLVIII. **Effect of inquiry instruction and gender on students' science process skills, epistemological beliefs, and learning approaches in Turkish context.**
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XIII IOSTE Symposium, İzmir, Turkey, 21 - 26 September 2008, pp.1266-1273
- XLIX. **The relationships between preservice science teachers' environmental attitude and behavior and epistemological beliefs.**
Öztürk G., Adıbelli E., Teköz Tuncer G., Yılmaz Tüzün Ö., Cihangir G. C.
XIII. IOSTE Symposium, İzmir, Turkey, 21 - 26 September 2009, pp.161-170
- L. **Pre-service teachers' understanding about global warming and ozone layer depletion.**
Cihangir G. C. , Tuncay B., Teköz Tuncer G., Yılmaz Tüzün Ö., Adıbelli E.
XIII IOSTE Symposium, İzmir, Turkey, 21 - 26 September 2008, pp.1218-1227
- LI. **Validation of Mentoring for Effective Primary Science Teaching Instrument for a Turkish Sample**
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- LII. **Constructivist and Traditional Approaches to Teaching and Learning: Validation of Teacher Beliefs Survey**
Yalvaç B., Türker N., Yılmaz Tüzün Ö.
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- LIII. **Investigation of Pre-service Teachers' Reasoning Abilities and Learning Approaches in Inquiry Based Learning Environment**
Özgelen S., Hacıeminoğlu E., Yılmaz Tüzün Ö.
The National Association for Research in Science Teaching (NARST), Maryland, United States Of America, 30 March - 02 April 2008, pp.211-212
- LIV. **Preservice Teachers' Beliefs Related to Constructivist and Traditional Approaches to Teaching and Learning and Self-Efficacy.**

- Yılmaz Tüzün Ö., Türker N.
The American Educational Research Association (AERA), New York, United States Of America, 24 - 28 March 2008
- LIV. **Mentoring Preservice Teachers: Preservice Teachers' Perceptions of Their Mentoring Practices and Self-Efficacy Beliefs in Turkish Context.**
Türker N., Yılmaz Tüzün Ö.
The American Educational Research Association (AERA), New York, United States Of America, 24 - 28 March 2008
- LVI. **Preservice science teachers beliefs about implementation of different teaching methods.**
Yılmaz Tüzün Ö.
ESERA, Malmö, Sweden, 21 - 25 August 2007
- LVII. **Metacognitive skills and students' achievement in science lessons.**
Topçu M. S. , Yılmaz Tüzün Ö.
ESERA, Malmö, Sweden, 21 - 25 August 2007, pp.196
- LVIII. **Investigating pre-service teachers' learning approach and beliefs in inquiry learning environment.**
Hacıeminoğlu E., Özgelen S., Yılmaz Tüzün Ö.
ESERA, Malmö, Sweden, 21 - 25 August 2007
- LIX. **Investigation the effect of inquiry method on developing prospective teachers' science process skills through word association test.**
Özgelen S., Hacıeminoğlu E., Yılmaz Tüzün Ö.
ESERA, Malmö, Sweden, 21 - 25 August 2007
- LX. **Validation of Junior Metacognitive Awareness Inventory (Jr. MAI) and Investigation of the Effect of Achievement on Metacognitive Skills of Elementary School Students**
Yılmaz Tüzün Ö., Topçu M. S.
The National Association for Research in Science Teaching (NARST), California, United States Of America, 15 - 18 April 2007, pp.356
- LXI. **Exploring Relationships among Students Learning Approach, Motivational Goals, and Achievement**
Yılmaz Tüzün Ö., Hacıeminoğlu E., Ertepinar H.
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- LXII. **A Cross-Cultural Study of Preservice Elementary Teachers' Epistemological Beliefs and Gender Effect**
Yılmaz Tüzün Ö., Topçu M. S. , Hanuscin D. L.
The American Educational Research Association (AERA), Illinois, United States Of America, 9 - 13 April 2007, pp.1
- LXIII. **Preservice Science Teachers' Perceptions About Science Process Skills and Their Practices**
Özgelen S., Yılmaz Tüzün Ö.
The American Educational Research Association (AERA), Illinois, United States Of America, 9 - 13 April 2007, pp.1
- LXIV. **Relationships Among Elementary School Students' Epistemological Beliefs, Metacognitive Skills, and Constructivist Learning Environment Perceptions**
Topçu M. S. , Yılmaz Tüzün Ö.
The American Educational Research Association (AERA), Illinois, United States Of America, 9 - 13 April 2007, pp.1
- LXV. **Relating Elementary School Students' Socioeconomic Status (SES) and Gender to Their Epistemological Beliefs and Metacognitive Skills: An International Perspective**
Yılmaz Tüzün Ö., Topçu M. S.
The American Educational Research Association (AERA), Illinois, United States Of America, 9 - 13 April 2007, pp.1
- LXVI. **Turkish high school student s perceptions of constructivist learning environment in chemistry classrooms and their attitudes toward chemistry**
YILMAZ TÜZÜN Ö., ÇAKIROĞLU J., Boone W. J.
Annual Proceedings of the National Association for Research in Science Teaching (NARST), 3 - 06 April 2006
- LXVII. **Turkish High School Student s Perceptions of Constructivist Learning Environment in Chemistry Classrooms and their Attitudes towards Chemistry**
YILMAZ TÜZÜN Ö., ÇAKIROĞLU J., BOONE W.
National Association for Research in Science Teaching (NARST), 3 - 06 April 2006, pp.294

Supported Projects

2017 - 2020	Argümantasyona Dayalı Kavram Karikatürleriyle Bilim Sanat Merkezi Öğrencilerinin ve Velilerinin Sosyobilimsel Konu Algılarının ve Karar Verme Stratejilerinin Geliştirilmesi, TUBITAK Project
2013 - 2017	GREEN Green Environment Education European Network, EU Supported Other Project
2016 - 2016	IV Uygulamalı Bilim Eğitimi Kursu, TÜBA Project
2016 - 2016	Öğretmen adaylarının FeTeMM eğitimine yönelik eğilimlerini bilişsel ve duyuşsal değişkenler açısından incelemek, Project Supported by Higher Education Institutions
2016 - 2016	Fen bilgisi öğretmen adaylarının sosyobilimsel konuların öğretimi konusunda öz-yeterlik inançlarının, karakter ve değer algılarının geliştirilmesi., Project Supported by Higher Education Institutions
2015 - 2015	Öğretmen adaylarının teknoloji entegrasyonu, fen teknoloji mühendislik matematik (FTMM-STEM) yaklaşımı ve sosyobilimsel konuları öğretmeye yönelik algılarının incelenmesi, Project Supported by Higher Education Institutions
2012 - 2012	Çevre Eğitimi Laboratuvar Uygulamalarının Fen Ve Teknoloji Öğretmen Adaylarının Çevre Eğitimi Konusundaki Motivasyon ve Özgüvenlerine Etkisinin Araştırılması., Project Supported by Higher Education Institutions
2011 - 2011	Fen Ve Teknoloji Dersi Öğretmen Adaylarının Genetik Konusu Üzerine Teknolojik Pedagogik Alan Bilgileri., Project Supported by Higher Education Institutions
2010 - 2010	Okul Deneyimi Dersi Kapsamında Blog Uygulamalarının Öğretmen Adaylarının Profesyonel Gelişimlerine Yansımaları., Project Supported by Higher Education Institutions
2009 - 2009	İlköğretim Fen Bilgisi Öğretmen Adaylarının Çevre İle İlgili Sahip Oldukları Epistemolojik İnançlar, Project Supported by Higher Education Institutions
2009 - 2009	Öğretmen Adaylarının Çevre Okur Yazarlıklarının Epistemolojik İnançlarıyla İlişkileri., Project Supported by Higher Education Institutions
2009 - 2009	Üniversite Öğrencilerinin Çevresel Konular Üzerindeki Etik Uslamlama Örüntüleri., Project Supported by Higher Education Institutions

Activities in Scientific Journals

2021 - Continues	Ankara Üniversitesi Eğitim Bilimleri Fakültesi Dergisi, Committee Member
2020 - Continues	Journal Of Research In Science Teaching, Assistant Editor
2017 - Continues	Eğitim Ve Bilim-Education And Science, Editor

Scientific Consultations

2012 - 2015	Scientific Consultancy, CİTO-Türkiye
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Tasks In Event Organizations

13 Eylül 2012	Aşkun C. S. , Özden M. Y. , Hürmeriç Altunsöz I., Korkusuz F., Seferoğlu G., Ubuz B., Yıldırım A., Akar H., Yılmaz Tüzün Ö., Delialioğlu Ö., et al., International Applied Education Congress, Scientific Congress, Ankara, Turkey
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Invited Talks

October 2019	International Seminar on Science Education, Conference, Yontakarta State University, Indonesia
October 2019	7th International Conference on Educational Research and Innovation (ICERI), Conference, UNIVERSITAS NEGERI YOGYAKARTA, Indonesia

September 2017	TÜBA-VI. Uygulamalı Bilim Eğitimi Kursu, Seminar, Türkiye Bilimler Akademisi, Turkey
January 2017	TÜBA V. Uygulamalı Bilim Eğitimi Kursu, Seminar, Türkiye Bilimler Akademisi, Turkey
September 2016	TÜBA IV. Uygulamalı Bilim Eğitimi Kursu, Seminar, Türkiye Bilimler Akademisi, Turkey
June 2013	Öğrenci Başarılarının Değerlendirilmesi ve Eğitim Politikaları Oluşturmada Sınav Sonuçlarından Yararlanılması, Workshop, Azerbaijan
February 2012	Binanı Gözet, Enerjide Tasarruf Et projesi, Workshop, T.C. Çevre ve Şehircilik Bakanlığı, British Council, Turkey
November 2009	Uluslararası İklim Değişikliği Eğitimi Çalıştayı, Seminar, ODTÜ Toplum ve Bilim Merkezi, UTES Derneği ve British Council, Turkey

Scholarships

1999 - 2004	Yurt Dışı Doktora Bursu, YOK
2003 - 2003	E. Wayne Gross Summer Research Scholarship, University
2002 - 2002	E. Wayne Gross Summer Research Scholarship, University

Awards

May 2017	METU Academic Performance Award, Orta Doğu Teknik Üniversitesi
May 2014	METU Academic Performance Award, Orta Doğu Teknik Üniversitesi
May 2012	METU Academic Performance Award, Orta Doğu Teknik Üniversitesi
May 2011	Academic Year METU Best Thesis Award, Orta Doğu Teknik Üniversitesi
May 2010	Academic Year METU Best Thesis Award, Orta Doğu Teknik Üniversitesi
May 2010	Mustafa Parlar Foundation Thesis Award , Mustafa Parlar Vakfı
May 2009	ODTÜ Geliştirme Vakfı Genç Araştırmacı Başarı Ödülü, Odtü Geliştirme Vakfı
May 2008	METU Academic Performance Award, Orta Doğu Teknik Üniversitesi
May 2008	Academic Year METU Best Thesis Award, Orta Doğu Teknik Üniversitesi

Non Academic Experience

1995 - 1996	Ministry, Ministry of Education, Niğde Anatolian High School
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