

# Prof. ÖZGÜL YILMAZ TÜZÜN

### **Personal Information**

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Publons / Web Of Science ResearcherID: AAG-6708-2019

ScopusID: 15053967400 Yoksis Researcher ID: 164962



### **Education Information**

	1999 - 2004	Doctorate, Indiana University Bloomington, Faculty of Education, Curriculum and Instruction,
		United States Of America
1	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
1	1990 - 1995	Undergraduate, Middle East Technical University, Faculty of Education, Mathematics and
		Science Education, Turkey

### **Dissertations**

	Factors Affecting the Development of Instructional Skills in Preservice Middle and Secondary
2004	School Science Teachers, Indiana University Bloomington, Faculty of Education, Curriculum and
	Instruction/Science and Environmental Education, Doctorate
2003	Master Degree, Indiana University, Faculty of Education, Curriculum and Instruction/ Science and
2003	Environmental Education, Postgraduate
	The Effects of Conceptual Change Texts Accompanied with Concept Mapping on Understanding
1998	of Cell Division Unit, Middle East Technical University, Graduate School of Natural and Applied
	Sciences, Faculty of Education/ Science and Mathematics Education, 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**

Professor, Middle East Technical University, Faculty of Education, Mathematics and Science Education

	2009 - 2014	Associate Professor, Middle East Technical University, Faculty of Education, Elementary
		Education
:	2004 - 2008	Assistant Professor, Middle East Technical University, Faculty of Education, Elementary
		Education
	1996 - 2004	Research Assistant, Middle East Technical University, Faculty of Education, Elementary
		Education

# **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**

	Yılmaz Tüzün Ö., Postgraduate, C.BAŞAK(Student), Middle school students' informal reasoning
2022	modes and argumentation quality in socioscientific issues: Epistemological beliefs and issue
	familiarity as predictors
2022	Yılmaz Tüzün Ö., Postgraduate, A.YILDIZ(Student), Middle school students' misconceptions about
2022	astronomy concepts and their attitudes towards astronomy
2022	YILMAZ TÜZÜN Ö., Postgraduate, B.MANAY(Student), Middle school students' informal
2022	reasoning quality, attitudes toward socioscientific issues and motivation to learn science
	YILMAZ TÜZÜN Ö., ÇAKIROĞLU J., Postgraduate, N.FATIMA(Student), The relationship
2021	between eighth grade students' nature of science understanding and their informal reasoning on
	sociosciantific issues

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
2016	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.Al(Student), Pre-service science teachers' perceptions of socioscientific issues: global warming as a case
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, 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
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 /
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
2011	YILMAZ TÜZÜN Ö., Postgraduate, M.SAVAŞ(Student), Investigating pre-service science teachers' perceived technological pedagogical content knowledge regarding genetics YILMAZ TÜZÜN Ö., Postgraduate, N.ÖZTÜRK(Student), Investigating pre-service science
2011	teachers' informal reasoning, epistemological beliefs and metacognitive awareness regarding socioscientific issues: A case for nuclear power plant construction
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., Doctorate, S.Özgelen(Student), Exploring the development of pre-service science teachers' views on nature of science in inquiry-based laboratory instruction
2010	YILMAZ TÜZÜN Ö., TEKSÖZ G., Postgraduate, B.TUNCAY(Student), Moral reasoning of preservice science teachers toward local and non-local environmental problems  TEKSÖZ G., YILMAZ TÜZÜN Ö., Postgraduate, E.ADIBELLİ(Student), Investigating pre-service
2010	science teachers' epistemological beliefs in the domain of environment through comparing with other domains

2010	YILMAZ TÜZÜN Ö., Doctorate, E.HACIEMİNOĞLU(Student), Student and school characteristics related to elementary students' nature of science views
2010	YILMAZ TÜZÜN Ö., Postgraduate, E.ÖZGE(Student), The comparison of PISA and TIMSS for framework and achievement
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.SÜNGER(Student), An analysis of efficacy beliefs, epistemological beliefs and attitudes towards science in preservice elementary science teachers and secondary science teachers
2007	YILMAZ TÜZÜN Ö., Postgraduate, M.Aydemir(Student), The Investigastion of teachers with respect to knowledge level on environmental concepts

### Published journal articles indexed by SCI, SSCI, and AHCI

I. Science Education in Different Contexts: Regional and Local Differences in The Main Research
Trends

DELEN İ., YILMAZ TÜZÜN Ö.

Egitim ve Bilim, vol.49, no.218, pp.185-204, 2024 (SSCI)

II. Epistemological beliefs and values as predictors of preservice science teachers' environmental moral reasoning

Tuncay-Yüksel B., Yilmaz Tüzün Ö., Zeidler D. L.

Journal of Research in Science Teaching, vol.60, no.9, pp.2111-2144, 2023 (SSCI)

III. Development of Argumentation Based Concept Cartoons for Socioscientific Issues: A Case of Science and Art Centers

ATASOY Ş., Tekbıyık A., Çalık M., YILMAZ TÜZÜN Ö.

Egitim ve Bilim, vol.47, no.211, pp.323-367, 2022 (SSCI)

IV. 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 (SSCI)

V. 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 (SSCI)

VI. 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 (SSCI)

VII. 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 (SSCI)

VIII. 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 (SSCI)

IX. 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 (SSCI)

X. 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 (SCI-Expanded)

XI. 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 (SSCI)

XII. 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 (SSCI)

XIII. Preservice Science Teachers Beliefs about Application of ScienceProcess Skills A Case Study YILMAZ TÜZÜN Ö., ÖZGELEN S.

Eğitim ve Bilim, 2012 (SSCI)

XIV. Preservice Science Teachers' Informal Reasoning about Socioscientific Issues: The influence of issue

TOPCU M. S., Sadler T. D., YILMAZ TÜZÜN Ö.

INTERNATIONAL JOURNAL OF SCIENCE EDUCATION, vol.32, no.18, pp.2475-2495, 2010 (SSCI)

XV. 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 (SSCI)

XVI. 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 (SSCI)

XVII. 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 (SSCI)

XVIII. 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 (SSCI)

XIX. 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 (SSCI)

XX. 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 (SSCI)

### **Articles Published in Other Journals**

I. ENGINEERING DESIGN-BASED ACTIVITY FOR MIDDLE SCHOOL STUDENTS: THERMAL INSULATION Guler Nalbantoglu F., Cakiroglu J., YILMAZ TÜZÜN Ö.

Araştırma Temelli Etkinlik Dergisi, vol.13, no.1, pp.29-53, 2023 (Peer-Reviewed Journal)

II. Knowledge and Risk-Benefit Perception as Predictors of Preservice Science Teachers' Self-Efficacy Beliefs for Socioscientific Issues-Based Instruction Ozturk N., YILMAZ TÜZÜN Ö. Canadian Journal of Science, Mathematics and Technology Education, vol.22, no.4, pp.915-930, 2022 (ESCI)

III. Turkish Adaptation of Basic Psychological Needs For Energy Conservation: Reliability and Validity Study

ÇAKIR YILDIRIM B., YILMAZ TÜZÜN Ö.

Türk Psikolojik Danışma ve Rehberlik Dergisi, vol.12, no.66, pp.405-417, 2022 (Scopus)

IV. 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 (Peer-Reviewed Journal)

V. 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 (ESCI)

VI. 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 (Peer-Reviewed Journal)

VII. 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 (ESCI)

VIII. Adaptation of Character and Values as Global Citizens AssesmentQuestionnaire Into Turkish: Validity and Reliability Study

KARIŞAN KORUCU D., YILMAZ TÜZÜN Ö.

Pamukkale Eğitim Fakültesi Dergisi, vol.42, pp.74-85, 2017 (Peer-Reviewed Journal)

IX. 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 (ESCI)

X. 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 (Scopus)

XI. Preservice Elementary Science Teachers Connections among Aspects of NOS Toward a Consistent Overarching Framework

Özgelen S., Hanuscin D. L., Yılmaz Tüzün Ö.

JOURNAL OF SCIENCE TEACHER EDUCATION, vol.24, pp.907-927, 2013 (Scopus)

XII. Fen derslerinde sosyobilimsel konuların işlenişine yönelik kuramsal ve uygulamalı yaklaşımlar YILMAZ TÜZÜN Ö.

Cito Eğitim: Kuram ve Uygulama, 2013 (Peer-Reviewed Journal)

XIII. 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\'xxEpistemological Beliefs, World Views, and Self-Efficacy Considering Gender and Achievement, 2013 (Peer-Reviewed Journal)

XIV. Exploring Environmental Literacy through Demographic Variables

Öztürk G., Yılmaz Tüzün Ö., Teksöz G.

Elementary Education Online, vol.12, no.4, pp.926-937, 2013 (Scopus)

XV. PRE-SERVICE SCIENCE TEACHERS PERCEPTIONS AND PRACTICES RELATED TO HISTORYOF SCIENCE INSTRUCTIONS

HACIEMİNOĞLU E., ERTEPINAR H., YILMAZ TÜZÜN Ö.

International Journal on New Trends in Education and Their Implications, vol.3, 2012 (Peer-Reviewed Journal)

XVI. Turkish Preservice Science Teachers Informal Reasoning Regarding Socioscientific Issues and the Factors Influencing Their Informal Reasoning

Topçu M. S., Yılmaz Tüzün Ö., Sadler T. D.

JOURNAL OF SCIENCE TEACHER EDUCATION, vol.22, pp.313-332, 2011 (Scopus)

XVII. 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 (Scopus)

XVIII. BILIMSEL BILGININ TEORIYE BAĞLI ÖZNEL YAPISI: "EVRIM TEORILERI" ETKINLIĞI VE SONUÇLARI/THE STRUCTURE OF SUBJECTIVITY WITH 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 (Peer-Reviewed Journal)

XIX. 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 (Scopus)

XX. 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 (Peer-Reviewed Journal)

XXI. Preservice elementary teachers beliefs about science teaching

Yılmaz Tüzün Ö.

JOURNAL OF SCIENCE TEACHER EDUCATION, vol.19, pp.183-204, 2008 (Scopus)

XXII. 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 (Peer-Reviewed Journal)

XXIII. BIVOLOJI ÖGRETMEN ADAVLARININGENEL BIVOLOJI KONULARINDAKI KAVRAM VANILGILARI ÖZTEKİN C., ÇAPA AYDIN Y., YILMAZ TÜZÜN Ö.

Hacettepe Üniversitesi Eğitim Fakültesi Dergisi, 2000 (Scopus)

### **Books & Book Chapters**

I. A Moral Inquiry into Epistemic Insight through Socioscientifc Issues: A Turkish Perspective Yilmaz Tüzün Ö., Topçu M. S.

in: A Moral Inquiry into Epistemic Insights in Science Education, Dana L. Zeidler, Editor, Springer, London/Berlin, Florida, pp.355-385, 2024

II. Disiplinlerarası bakış açısıyla yerel, ulusal ve küresel olaylar

YILMAZ TÜZÜN Ö.

in: Disiplinlerarası Fen Öğretimi, Hakan Şevki Ayvacı, Mustafa Ergun, Editor, Pegem Akademi, pp.50-60, 2022

## Refereed Congress / Symposium Publications in Proceedings

I. Effectiveness of Online Science Laboratory Course on Pre-Service Science Teachers' Efficacy Beliefs and Epistemological Beliefs

Yilmaz Tüzün Ö., Uygun C. B., Başer Kanbak C., Aykut C.

National Association for Research in Science Teaching (NARST) Annual International Conference [All-Virtual Day], Colorado, United States Of America, 08 March 2024, pp.18-19

II. Issue Familiarity as a Predictor of Turkish Middle School Students' Informal Reasoning Regarding

#### Socioscientific Issues

Uygun C. B., Yılmaz Tüzün Ö.

The 15th Conference of the European Science Education Research Association (ESERA), Nevşehir, Turkey, 28 August - 01 September 2023, pp.301-302

#### III. Investigating the Use of Lesson Study with Preservice Science Teachers

GÜLER NALBANTOĞLU F., ÇAKIROĞLU J., YILMAZ TÜZÜN Ö.

Kongre, Turkey, 8 - 11 June 2023

# IV. Examining Middle School Students' Quality of Written Arguments and Informal Reasoning across Multiple SSI Contexts: A Turkish Sample

Uygun C. B., Yilmaz Tüzün Ö.

European Conference on Educational Research (ECER), Yerevan, Armenia, 1 - 09 September 2022

### V. Middle School Students' Quality of Argument Regarding Nuclear Power Plants and Epistemological Beliefs

Uygun C. B., Yilmaz Tüzün Ö.

European Conference on Educational Research (ECER), Yerevan, Armenia, 1 - 09 September 2022

### VI. Development of Pre-Service Science Teachers' PCK for STEM in the context of Lesson Study

Güler Nalbantoğlu F., Çakıroğlu J., Yılmaz Tüzün Ö.

ECER2022-The europena Conference on Educational Research, 22 - 23 August 2022, pp.1

# VII. Investigating the Relationship between Pre-service Science Teachers' Self-Efficacy for Argumentation and Critical Thinking Skills

Kılaç E., YILMAZ TÜZÜN Ö.

European Conference on Educational Research (ECER), Armenia, 01 September 2022

### VIII. Science Teachers' Challenges in Designing and Implementing SSI-Based Lessons

Gürbüz E., Savrun N., YILMAZ TÜZÜN Ö.

European Conference on Educational Research (ECER), 01 September 2022

# IX. Pre-service science Teachers' Environmental Moral Reasoning and Attitudes Toward Environmental Education

Mercan B., YILMAZ TÜZÜN Ö.

European Conference on Educational Research (ECER), Armenia, 01 September 2022

# X. Investigating Relationship(s) Between Epistemological Beliefs, Argument Quality and Informal Reasoning in the Context of SSI

Uygun C. B., Yılmaz Tüzün Ö.

National Association for Research in Science Teaching (NARST) Annual International Conference, Vancouver, Canada, 27 - 30 March 2022, pp.282

# XI. Investigating Relationship(s) Between Epistemological Beliefs, Argument Quality and Informal Reasoning in the Context of SSI (Virtual)

UYGUN C. B., YILMAZ TÜZÜN Ö.

NARST, United States Of America, 27 March 2022

# XII. The Impact of Experiences on Preservice Science Teachers' Self-Efficacy in Teaching Science Concepts in the Context of Socioscientific Issues

Bostanci B., Yilmaz Tüzün Ö.

European Conference on Educational Research (ECER), Yerevan, Armenia, 1 - 09 September 2022

### XIII. Sekizinci Sınıf Öğrencilerinin Bilimin Doğası Anlayışlarının İncelenmesi

Irmak N. F. N., YILMAZ TÜZÜN Ö., ÇAKIROĞLU J.

3rd International Conference on Science, Mathematics, Entrepreneurship and Technology Education, Turkey, 30 September 2021

# XIV. Empirical Studies on the Environmental Problems in the Context of Socioscientific Issues: A Systematic Review

Uygun C. B., Yilmaz Tüzün Ö.

European Conference on Educational Research (ECER), 6 - 10 September 2021

### XV. 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

XVI. Sekizinci Sınıf Öğrencilerinin Üç Farklı Sosyobilimsel Konu Hakkındaki İnformal 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

XVII. Middle School Students' Informal Reasoning and Argument Quality for Different SSI Uygun C. B., Yilmaz Tüzün Ö.

National Association for Research in Science Teaching (NARST) Annual International Conference, 7 - 10 April 2021

XVIII. Pre-service Science Teachers' Sociosceintific 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

XIX. Pre-service Science Teachers' Sociosceintific Issues Teaching Practices: The Influence of the Characteristics of the Selected Issue Context

IRMAK M., YILMAZ TÜZÜN Ö., YÜRÜK N.

European Conference on Educational Research, 2 - 06 September 2019

XX. A model testing on SSI teaching self-efficacy beliefs and related factors ÖZTÜRK N., YILMAZ TÜZÜN Ö.

ECER European Conference on Educational Research, 1 - 03 September 2019

XXI. 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

XXII. 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

XXIII. 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

XXIV. Who Decide What To Buy in Toystores?

COŞKUN TUNCAY T., 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

 $XXV. \quad \hbox{Pre-Service Science Teachers' Conceptions of STEM Education}$ 

GÜLER F., ÇAKIROĞLU J., YILMAZ TÜZÜN Ö.

European Educational Research Association (ECER), Copenhagen, Denmark, 22 - 25 August 2017

XXVI. 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

XXVII. 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

XXVIII. 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

XXIX. 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

XXX. 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

XXXI. 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

XXXII. 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

XXXIII. 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

XXXIV. Examining nature of science understandings and reflective judgment skills of preservice teachers revealed in socioscientific issues based inquiry laboratory course

KARISAN D., YILMAZ TÜZÜN Ö.

European Conference on Educational Research (ECER), Budapest, Hungary, 7 - 11 September 2015

XXXV. STEM Integration into a Laboratory Course A Case Study

YILMAZ TÜZÜN Ö., ÇAKIR B., ÖZEL N.

ISER, 10 - 12 June 2015

XXXVI. 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

XXXVII. 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

XXXVIII. 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

XXXIX. Anxiety and education.

Karışan D., Yılmaz Tüzün Ö.

European Conference on Educational Research (ECER), İstanbul, Turkey, 9 - 13 September 2013

XL. 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

XLI. 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

XLII. 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

XLIII. Development of Pre-service Science Teachers' Metacognition in an Inquiry Based Laboratory Course Cakır B., Ertepınar 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

XLIV. Investigating Pre-service Science Teachers' Content Knowledge And Perceived TPACK Regarding Genetics

Savaş M., Yılmaz Tüzün Ö.

The National Association for Research in Science Teaching (NARST), Indiana, United States Of America, 25 - 28 March 2012, pp.234

XLV. How Do Pre-Service Science Teachers Perceive Local and Non-Local Environmental Problems? Tuncay B., Yılmaz Tüzün Ö.

The National Association for Research in Science Teaching (NARST), Florida, United States Of America, 3 - 06 April 2011, pp.98-99

XLVI. A Study on a Metacognitively Oriented Learning Environment in a Science Laboratory Course Çakır B., Ertepınar H., Yılmaz Tüzün Ö.

The National Association for Research in Science Teaching (NARST), Florida, United States Of America, 3 - 06 April 2011, pp.188

XLVII. Investigating prospective science teachers' awareness of information technology in STSE context YILMAZ TÜZÜN Ö., Adibelli E.

2010 International Conference on Education and Management Technology, ICEMT 2010, Cairo, Egypt, 2 - 04 November 2010, pp.256-259

XLVIII. Use of metacognitive prompts for young experiment in a science laboratory course..

Çakır B., Ertepınar H., Yılmaz Tüzün Ö.

The European Conference on Educational Research (ECER), Berlin, Germany, 12 - 16 September 2010

XLIX. Usage of metacognitive prompts in a science laboratory course

Çakır B., Ertepınar H., Yılmaz Tüzün Ö.

XIV IOSTE, Celje, Slovenia, 13 - 18 June 2010, pp.211-213

L. Moral reasoning patterns of pre-service science teachers toward local and non-local environmental problems

Tuncay B., Yılmaz Tüzün Ö., Teksöz G.

XIV IOSTE, Celje, Slovenia, 13 - 18 June 2010, pp.1161-1167

LI. Effect of Student Level Variables on Elementary Students' Nature of Science Views

Hacıeminoğlu E., Ertepınar H., Yılmaz Tüzün Ö.

The National Association for Research in Science Teaching (NARST), Pennsylvania, United States Of America, 21 - 24 March 2010, pp.142

LII. Investigation of Pre-Service Science Teacher's Beliefs Regarding the (ature of Environmental Knowledge

Adıbelli E., Yılmaz Tüzün Ö.

The National Association for Research in Science Teaching (NARST), Pennsylvania, United States Of America, 21 - 24 March 2010, pp.47

LIII. University students' moral reasoning patterns about environmental moral dilemmas

Tuncay B., Yılmaz Tüzün Ö., Teksöz Tuncer G.

European Science Education Research Association (ESERA), İstanbul, Turkey, 31 August - 04 September 2009, pp.2111-211

LIV. The impact of inquiry-based laboratory instruction and explicit reflective teaching on preservice science teachers' nature of science views

Özgelen S., Hanuscin D. L., Yılmaz Tüzün Ö.

European Science Education Research Association (ESERA), İstanbul, Turkey, 31 August - 04 September 2009, pp.470

LV. Relationships among preservice teachers' environmental attitudes and beliefs and nature

#### relatedness

Çakır B., Karaarslan G., Yılmaz Tüzün Ö., Ertepinar H., Alp Şahin E.

European Science Education Research Association (ESERA), İstanbul, Turkey, 31 August - 04 September 2009, pp.465

LVI. Preservice science teachers (PSTs) informal reasoning characteristics regarding socioscientific issues: The relationship between informal reasoning patterns and quality

Topçu M. S., Yılmaz Tüzün Ö., Sadler T. D.

European Science Education Research Association (ESERA), İstanbul, Turkey, 31 August - 04 September 2009, pp.122

LVII. Preservice science teachers informal reasoning regarding socioscientific issues and the factors influencing their informal reasoning

TOPÇU M. S., YILMAZ TÜZÜN Ö., Sadler T.

The National Association for Research in Science Teaching (NARST), 17 - 21 April 2009

LVIII. The Effect of Demographic Variables on Preservice Teachers' Environmental Literacy

Yılmaz Tüzün Ö., Öztürk G., Teksöz-Tuncer G.

The National Association for Research in Science Teaching (NARST), California, United States Of America, 17 - 21 April 2009, pp.197

LIX. An Investigation of Gender Effect on University Students' Environmental Reasoning Patterns toward Environmental Moral Dilemmas

Tuncay B., Yılmaz Tüzün Ö., Cihangir G. C.

The National Association for Research in Science Teaching (NARST), California, United States Of America, 17 - 21 April 2009, pp.303

LX. Investigating Preservice Teachers' Environmental Literacy through their Epistemological Belief Teksöz Tuncer G., Yılmaz Tüzün Ö., Öztürk G.

The National Association for Research in Science Teaching (NARST), California, United States Of America, 17 - 21 April 2009, pp.228

LXI. Preservice Science Teachers' Informal Reasoning Regarding Socioscientific Issues and the Factors Influencing Their Informal Reasoning

Topçu M. S., Yılmaz Tüzün Ö., Sadler T. D.

The National Association for Research in Science Teaching (NARST), California, United States Of America, 17 - 21 April 2009, pp.281

LXII. Investigating Elementary Students' Nature of Science Views

Hacıeminoğlu E., Yılmaz Tüzün Ö., Ertepınar H.

The National Association for Research in Science Teaching (NARST), California, United States Of America, 17 - 21 April 2009, pp.221

LXIII. The relationships between preservice science teachers' environmental attitude and behavior and epistemological beliefs.

Öztürk G., Adıbelli E., Teksöz Tuncer G., Yılmaz Tüzün Ö., Cihangir G. C.

XIII. IOSTE Symposium, İzmir, Turkey, 21 - 26 September 2009, pp.161-170

LXIV. Effect of inquiry instruction and gender on students' science process skills, epistemological beliefs, and learning approaches in Turkish context.

Özgelen S., Hacıeminoğlu E., Yılmaz Tüzün Ö.

XIII IOSTE Syposium, İzmir, Turkey, 21 - 26 September 2008, pp.1266-1273

LXV. Pre-service teachers' perceptions and motivations toward a science laboratory course.

Hacıeminoğlu E., Özgelen S., Yılmaz Tüzün Ö.

XIII IOSTE Symposium, İzmir, Turkey, 21 - 26 September 2008, pp.494-501

LXVI. Pre-service teachers' understanding about global warming and ozone layer depletion.

Cihangir G. C., Tuncay B., Teksöz Tuncer G., Yılmaz Tüzün Ö., Adıbelli E.

XIII IOSTE Symposium, İzmir, Turkey, 21 - 26 September 2008, pp.1218-1227

LXVII. 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

LXVIII. Constructivist and Traditional Approaches to Teaching and Learning: Validation of Teacher Beliefs Survey

Yalvaç B., Türker N., Yılmaz Tüzün Ö.

The National Association for Research in Science Teaching (NARST), Maryland, United States Of America, 30 March - 02 April 2008, pp.262

LXIX. Validation of Mentoring for Effective Primary Science Teaching Instrument for a Turkish Sample Yılmaz Tüzün Ö., Türker N.

The National Association for Research in Science Teaching (NARST), Maryland, United States Of America, 30 March - 02 April 2008, pp.265

LXX. 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

LXXI. 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

LXXII. 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

LXXIII. Metacognitive skills and students' achievement in science lessons.

Topçu M. S., Yılmaz Tüzün Ö.

ESERA, Malmö, Sweden, 21 - 25 August 2007, pp.196

LXXIV. 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

LXXV. Preservice science teachers beliefs about implementation of different teaching methods.

Yılmaz Tüzün Ö.

ESERA, Malmö, Sweden, 21 - 25 August 2007

LXXVI. 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

LXXVII. Exploring Relationships among Students Learning Approach, Motivational Goals, and Achievement Yılmaz Tüzün Ö., Hacıeminoğlu E., Ertepınar H.

The National Association for Research in Science Teaching (NARST)9999, California, United States Of America, 15 - 18 April 2007, pp.227

LXXVIII. 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

LXXIX. 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

LXXX. 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

LXXXI. 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

LXXXII. 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

LXXXIII. 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

### **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	GREEEN 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
	Fen bilgisi öğretmen adaylarının sosyobilimsel konuların öğretimi konusunda öz-yeterlik
2016 - 2016	inançlarının, karakter ve değer algılarının geliştirilmesi., Project Supported by Higher Education Institutions
	Öğretmen adaylarının teknoloji entagrasyonu, fen teknoloji mühendislik matematik (FTMM-STEM)
2015 - 2015	yaklaşımı ve sosyobilimsel konuları öğretmeye yönelik algılarının incelenmesi, Project Supported
	by Higher Education Institutions
	Çevre Eğitimi Labaratuar Uygulamalarının Fen Ve Teknoloji Öğretmen Adaylarının Çevre Eğitimi
2012 - 2012	Konusundaki Motivasyonve Özgüvenlerine Etkisinin Araştırılması., Project Supported by Higher
	Education Institutions
2011 - 2011	Fen Ve Teknoloji Dersi Öğretmen Adaylarının Genetik Konusu Üzerine Teknolojik Pedogojik Alan Bilgileri., Project Supported by Higher Education Institutions
2010 2010	Okul Deneyimi Dersi Kapsamında Blog Uygulamalarının Öğretmen Adaylarının Profesyönel
2010 - 2010	Gelişimlerine Yansımaları., Project Supported by Higher Education Institutions
2000 2000	İlköğretim Fen Bilgisi Öğretmen Adaylarının Çevre İle İlgili Sahip Oldukları Epistemeolojik
2009 - 2009	İnançlar, Project Supported by Higher Education Institutions
2009 - 2009	Öğretmen Adaylarının Çevre Okur Yazarlılıklarının Epistomolojik İnançlarıyla İlişkileri., Project
2009 - 2009	Supported by Higher Education Institutions
2009 - 2009	Üniversite Öğrencilerinin Çevresel Konular Üzerindeki Etik Uslamlama Örüntüleri., Project
2009 - 2009	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/Section Editor
2017 - Continues	Egitim Ve Bilim-Education And Science, Editor

### **Scientific Consultations**

2012 - 2015 Scientific Consultancy, CİTO-Türkiye

### **Tasks In Event Organizations**

Aşkun C. S., Özden M. Y., Hürmeriç Altunsöz I., Korkusuz F., Seferoğlu G., Ubuz B., Yıldırım A., 13 Eylül 2012

Akar H., Yılmaz Tüzün Ö., Delialioğlu Ö., et al., International Applied Education Congress,

Scientific Congress, Ankara, Turkey

### **Metrics**

Publication: 130 Citation (WoS): 295 Citation (Scopus): 528 H-Index (WoS): 8 H-Index (Scopus): 12

### **Invited Talks**

7th International Conference on Educational Research and Innovation (ICERI), Conference, October 2019

UNIVERSITAS NEGERI YOGYAKARTA, Indonesia

October 2019 International Seminar on Science Education, Conference, Yoktakarta State University, Indonesia

TÜBA-VI. Uygulamalı Bilim Eğitimi Kursu, Seminar, Türkiye Bilimler Akademisi, Turkey September 2017 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

Öğrenci Başarılarının Değerlendirilmesi ve Eğitim Politikaları Oluşturmada Sınav Sonuçlarından June 2013

Yararlanılması, Workshop, Azerbaijan

Binanı Gözet, Enerjide Tasarruf Et projesi, Workshop, T.C. Çevre ve Şehircilik Bakanlığı, British February 2012

Council, Turkey

Uluslararası İklim Değişikliği Eğitimi Çalıştayı, Seminar, ODTÜ Toplum ve Bilim Merkezi, UTES November 2009

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 Genc Araştırmacı Başarı Ödülü Odtü Geliştirme Val

ODTU Geliştirme Vakfı Genç Araştırmacı Başarı Odülü, Odtü Geliştirme Vakfı May 2009

May 2008 METU Academic Performance Award, Orta Doğu Teknik Üniversitesi

# **Non Academic Experience**

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