

## **Prof. SEMRA SUNGUR**

### **Personal Information**

**Email:** ssungur@metu.edu.tr

### **Education Information**

Doctorate, Middle East Technical University, Faculty of Education, Ortaöğretim Fen Ve Matematik Alanlar Eğitimi Bölümü, Turkey 2000 - 2004

Post Graduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Ortaöğretim Fen Ve Matematik Alanları Eğitimi (YI) (Tezli), Turkey 1998 - 2000

Under Graduate, Middle East Technical University, Faculty Of Education, Ortaöğretim Fen ve Matematik Alanları Eğitimi Bölümü, Turkey 1994 - 1998

### **Foreign Languages**

English, C1 Advanced

### **Research Areas**

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

### **Academic Titles / Tasks**

Professor, Middle East Technical University, Faculty of Education, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2014 - Continues

Associate Professor, Middle East Technical University, Faculty of Education, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2008 - 2014

Assistant Professor, Middle East Technical University, Faculty of Education, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2004 - 2008

Research Assistant, Middle East Technical University, Faculty of Education, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 1998 - 2004

### **Professional Experience**

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Middle East Technical University, Faculty Of Education, Secondary Science And Mathematics Education, 2019 - Continues

Fakülte Yönetim Kurulu Üyesi, Middle East Technical University, Faculty Of Education, Secondary Science And Mathematics Education, 2017 - 2020

Deputy Head of Department, Middle East Technical University, Faculty Of Education, Secondary Science And Mathematics Education, 2017 - 2019

### **Courses**

Practice Teaching in Elementary Education, Under Graduate, 2017 - 2018, 2018 - 2019

Assessment of In-Class Learning , Under Graduate, 2019 - 2020

## Advising Theses

Sungur S., Taş Y., Fen bilgisi öğretmenlerinin stem eğitimine yönelik öz-yeterlik inançları, tutumları ve görüşlerinin incelenmesi, Post Graduate, E.ŞİMŞEK(Student), 2019

Sungur S., Students nature of science views regarding gender, grade level and learning environment perceptions, Post Graduate, E.EBREN(Student), 2019

SUNGUR S., The interplay among elementary students' implicit theories of ability, epistemological beliefs, motivational beliefs, achievement goals, learning strategies, procrastination and science achievement, Doctorate, F.BEZCİ(Student), 2016

SUNGUR S., Multilevel investigations of student motivation, engagement, and achievement in science in relation to teacher related variables, Doctorate, D.KIRAN(Student), 2016

ÖZTEKİN C., SUNGUR S., Antecedents of nature of science teaching intention: Testing the applicability of the theory of planned behavior, Doctorate, G.AKYOL(Student), 2015

SUNGUR S., Role of motivation and cognitive engagement in science achievement, Post Graduate, H.BİRCAN(Student), 2015

SUNGUR S., Multilevel analysis of students science achievement in relation to constructivist learning environment perceptions, epistemological beliefs, self-regulation and science teachers characteristics, Doctorate, S.PAMUK(Student), 2014

SUNGUR S., The role of perceived classroom goal structures, self-efficacy, and the student engagement in seventh grade students' science achievement, Post Graduate, F.MELİKE(Student), 2014

SUNGUR S., The effect of history of science instruction on elementary students' scientific literacy, Doctorate, M.CANSIZ(Student), 2014

SUNGUR S., The effect of 7e learning cycle instruction on 6th grade students' conceptual understanding of human body systems, self-regulation, scientific epistemological beliefs, and science process skills, Doctorate, G.GÖK(Student), 2014

ÖZTEKİN C., SUNGUR S., An investigation of students homework self-regulation and teachers' homework practices, Doctorate, Y.TAŞ(Student), 2013

SUNGUR S., Multilevel investigations of students' cognitive and affective learning outcomes and their relationships with perceived classroom learning environment and teacher effectiveness, Doctorate, S.YERDELEN(Student), 2013

SUNGUR S., ÇAKIROĞLU E., A structural model on 7th grade students' motivational beliefs, use of self-regulation strategies, and mathematics achievement, Doctorate, F.KAYAN(Student), 2011

SUNGUR S., Pre-service science teachers' self-efficacy in relation to personality traits and academic self-regulation, Doctorate, B.ŞENLER(Student), 2011

SUNGUR S., Antecedents and consequences of achievement goals, Doctorate, N.KAHRAMAN(Student), 2011

SUNGUR S., Fostering pre-service science teachers' self determined motivation toward environment through satisfaction of three basic psychological needs, Post Graduate, G.KARAARSLAN(Student), 2011

SUNGUR S., A study on sources and consequences of elementary students' self-efficacy beliefs in science and technology course, Post Graduate, D.KIRAN(Student), 2010

SUNGUR S., The effect of grade level on elementary school students' motivational beliefs in science, Post Graduate, S.GÜNGÖREN(Student), 2009

ÖZTEKİN C., SUNGUR S., The contribution of cognitive and metacognitive strategy use to seventh grade students' science achievement, Post Graduate, G.AKYOL(Student), 2009

SUNGUR S., Validity of science items in the Student Selection Test in Turkey, Post Graduate, N.UYGUN(Student), 2008

ÇAKIROĞLU J., SUNGUR S., Examining 8th grade students perception of learning environment of science classrooms in relation to motivational beliefs and attitudes, Post Graduate, N.ARISOY(Student), 2007

SUNGUR S., The effect of problem-based learning on the elementary school students achievement in genetics, Post Graduate, G.ARAZ(Student), 2007

ÇAKIROĞLU J., SUNGUR S., Predicting academic achievement with cognitive and motivational variables, Post Graduate,

N.YUMUŞAK(Student), 2006

ÖZTEKİN C., SUNGUR S., Investigating students' motivational traits in science, Post Graduate, F.YAVUZ(Student), 2006

## Designed Lessons

Sungur S., Assessment of In-Class Learning , Under Graduate, 2019 - 2020

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

- **Investigating the science attitudes of students from low socioeconomic status families: The impact of problem-based learning**  
Secgin T., SUNGUR S.  
BIOCHEMISTRY AND MOLECULAR BIOLOGY EDUCATION, 2020 (Journal Indexed in SCI)
- **Predicting Science Engagement with Motivation and Teacher Characteristics: a Multilevel Investigation**  
Kiran D., SUNGUR S., Yerdelen S.  
INTERNATIONAL JOURNAL OF SCIENCE AND MATHEMATICS EDUCATION, vol.17, pp.67-88, 2019 (Journal Indexed in SSCI)
- **Multilevel Investigation of Students' Self-regulation Processes in Learning Science: Classroom Learning Environment and Teacher Effectiveness**  
Yerdelen S., Sungur S.  
INTERNATIONAL JOURNAL OF SCIENCE AND MATHEMATICS EDUCATION, vol.17, pp.89-110, 2019 (Journal Indexed in SSCI)
- **Science Teachers' Motivation and Job Satisfaction in Relation to Perceived School Context**  
KIRAN D., SUNGUR S.  
EGITIM VE BILIM-EDUCATION AND SCIENCE, vol.43, pp.61-80, 2018 (Journal Indexed in SSCI)
- **A Multilevel Analysis of Students' Science Achievements in Relation to their Self-Regulation, Epistemological Beliefs, Learning Environment Perceptions, and Teachers' Personal Characteristics**  
Pamuk S., Sungur S., Öztekin C.  
INTERNATIONAL JOURNAL OF SCIENCE AND MATHEMATICS EDUCATION, vol.15, pp.1423-1440, 2017 (Journal Indexed in SSCI)
- **The role of perceived classroom goal structures, self-efficacy, and engagement in student science achievement**  
Ucar F. M. , SUNGUR S.  
RESEARCH IN SCIENCE & TECHNOLOGICAL EDUCATION, vol.35, pp.149-168, 2017 (Journal Indexed in SSCI)
- **DEVELOPMENT AND VALIDATION OF SCIENCE HOMEWORK SCALE FOR MIDDLE-SCHOOL STUDENTS**  
Taş Y., Sungur S., Öztekin C.  
INTERNATIONAL JOURNAL OF SCIENCE AND MATHEMATICS EDUCATION, vol.14, pp.417-444, 2016 (Journal Indexed in SSCI)
- **Relationship between Turkish elementary science teachers occupational well being and some contextual and demographic characteristics A multivariate analysis**  
YERDELEN S., SUNGUR S., KLASSEN R.  
Egitim Ve Bilim-Education And Science, vol.41, pp.147-161, 2016 (Journal Indexed in SSCI)
- **Developing a Structural Model on the Relationship among Motivational Beliefs, Self-Regulated Learning Strategies, and Achievement in Mathematics**  
FADLELMULA F. K. , ÇAKIROĞLU E., SUNGUR S.  
INTERNATIONAL JOURNAL OF SCIENCE AND MATHEMATICS EDUCATION, vol.13, pp.1355-1375, 2015 (Journal Indexed in SSCI)
- **Adapting of inviting/disinviting index into Turkish Davet/engel indeksinin Türkçeye uyarlanması**

SUNGUR S., Kiran D.

Egitim ve Bilim, vol.39, pp.119-128, 2014 (Journal Indexed in SCI Expanded)

● **Relationships among constructivist learning environment perceptions, motivational beliefs, self-regulation and science achievement**

KINGIR S., TAŞ Y., GÖK G., Vural S.

● RESEARCH IN SCIENCE & TECHNOLOGICAL EDUCATION, vol.31, pp.205-226, 2013 (Journal Indexed in SSCI)

● **Use of self-determination theory to support basic psychological needs of preservice science teachers in an environmental science course**

Karaarslan G., Ertepinar H., SUNGUR S.

● ENVIRONMENTAL EDUCATION RESEARCH, vol.19, pp.342-369, 2013 (Journal Indexed in SSCI)

● **Antecedents and Consequences of Middle School Students' Achievement Goals in Science**

Kahraman N., SUNGUR S.

● ASIA-PACIFIC EDUCATION RESEARCHER, vol.22, pp.45-60, 2013 (Journal Indexed in SSCI)

● **Pre-Service Science Teachers' Teaching Self-Efficacy in Relation to Personality Traits and Academic Self-Regulation**

Senler B., Sungur-Vural S.

● SPANISH JOURNAL OF PSYCHOLOGY, vol.16, 2013 (Journal Indexed in SSCI)

● **Antecedents and Consequences of Middle School Students' Achievement Goals in Science**

Kahraman N., SUNGUR S.

● ASIA-PACIFIC EDUCATION RESEARCHER, vol.21, pp.535-551, 2012 (Journal Indexed in SSCI)

● **Middle School Students' Science Self-Efficacy and Its Sources: Examination of Gender Difference**

Kiran D., SUNGUR S.

● JOURNAL OF SCIENCE EDUCATION AND TECHNOLOGY, vol.21, pp.619-630, 2012 (Journal Indexed in SCI)

● **Sources and Consequences of Turkish Middle School Students' Science Self-Efficacy**

Kiran D., SUNGUR S.

● ASIA-PACIFIC EDUCATION RESEARCHER, vol.21, pp.172-180, 2012 (Journal Indexed in SSCI)

● **The Effect of Problem-Based Learning on Self-Regulated Learning: A Review of Literature**

TAŞ Y., SUNGUR S.

● CROATIAN JOURNAL OF EDUCATION-HRVATSKI CASOPIS ZA ODGOJ I OBRAZOVANJE, vol.14, pp.533-560, 2012

(Journal Indexed in SSCI)

● **Investigating Elementary School Students' Motivational Traits in Science Classrooms**

Gocer F. Y., Sungur S., Tekkaya C.

● EGITIM VE BILIM-EDUCATION AND SCIENCE, vol.36, pp.76-84, 2011 (Journal Indexed in SSCI)

● **The Contribution of Motivational Beliefs to Students' Metacognitive Strategy Use**

Kahraman N., SUNGUR S.

● EGITIM VE BILIM-EDUCATION AND SCIENCE, vol.36, pp.3-10, 2011 (Journal Indexed in SSCI)

● **The Comparative Effects of Prediction/Discussion-Based Learning Cycle, Conceptual Change Text, and Traditional Instructions on Student Understanding of Genetics**

Yilmaz D., Tekkaya C., Sungur S.

● INTERNATIONAL JOURNAL OF SCIENCE EDUCATION, vol.33, pp.607-628, 2011 (Journal Indexed in SSCI)

● **Examination of the Self-Regulated Learning Processes for Low and High Achievers in Biology**

SUNGUR S., Yerdelen S.

● NEW EDUCATIONAL REVIEW, vol.24, pp.207-215, 2011 (Journal Indexed in SSCI)

● **Assessing pre-service teachers' environmental literacy in Turkey as a mean to develop teacher education programs**

Tuncer G., Tekkaya C., SUNGUR S., ÇAKIROĞLU J., Ertepinar H., Kaplowitz M.

● INTERNATIONAL JOURNAL OF EDUCATIONAL DEVELOPMENT, vol.29, pp.426-436, 2009 (Journal Indexed in SSCI)

● **Parental Influences on Students' Self-Concept, Task Value Beliefs, and Achievement in Science**

Senler B., SUNGUR S.

● SPANISH JOURNAL OF PSYCHOLOGY, vol.12, pp.106-117, 2009 (Journal Indexed in SSCI)

● **Modeling the Relations Among Students' Epistemological Beliefs, Motivation, Learning Approach, and**

## **Achievement**

Kızılgunes B., Tekkaya C., Sungur S.

JOURNAL OF EDUCATIONAL RESEARCH, vol.102, pp.243-255, 2009 (Journal Indexed in SSCI)

### **Teacher self-regulation: examining a multidimensional construct**

Capa-Aydin Y., SUNGUR S., Uzuntiryaki E.

EDUCATIONAL PSYCHOLOGY, vol.29, pp.345-356, 2009 (Journal Indexed in SSCI)

### **A conceptual model of relationships among constructivist learning environment perceptions, epistemological beliefs, and learning approaches**

Özkal K., Tekkaya C., Çakıroğlu J., Sungur S.

LEARNING AND INDIVIDUAL DIFFERENCES, vol.19, pp.71-79, 2009 (Journal Indexed in SSCI)

### **Effectiveness of problem-based learning on academic performance in genetics**

Araz G., Sungur S.

BIOCHEMISTRY AND MOLECULAR BIOLOGY EDUCATION, vol.35, pp.448-451, 2007 (Journal Indexed in SCI)

### **Modeling the relationships among students' motivational beliefs, metacognitive strategy use, and effort regulation**

Sungur S.

SCANDINAVIAN JOURNAL OF EDUCATIONAL RESEARCH, vol.51, pp.315-326, 2007 (Journal Indexed in SSCI)

### **The interplay between cognitive and motivational variables in a problem-based learning environment**

Araz G., SUNGUR S.

LEARNING AND INDIVIDUAL DIFFERENCES, vol.17, pp.291-297, 2007 (Journal Indexed in SSCI)

### **Improving achievement through problem-based learning**

Sungur S., Tekkaya C., Geban O.

JOURNAL OF BIOLOGICAL EDUCATION, vol.40, pp.155-160, 2006 (Journal Indexed in SCI)

### **Effects of problem-based learning and traditional instruction on self-regulated learning**

Sungur S., Tekkaya C.

JOURNAL OF EDUCATIONAL RESEARCH, vol.99, pp.307-317, 2006 (Journal Indexed in SSCI)

### **Students' achievement in relation to reasoning ability, prior knowledge and gender**

Yenilmez A., Sungur S., Tekkaya C.

International Journal of Phytoremediation, vol.24, pp.129-138, 2006 (Journal Indexed in SCI Expanded)

## **Articles Published in Other Journals**

### **Pre-service Science Teachers' Conceptions of Sound: The Role of Task Value Beliefs**

Yerdelen S., Sungur S.

Science Education International, vol.31, pp.295-303, 2020 (Refereed Journals of Other Institutions)

### **A multidimensional investigation of students' science self-efficacy: The role of gender**

Sezgintürk M., SUNGUR S.

Elementary Education Online, vol.19, pp.208-218, 2020 (Refereed Journals of Other Institutions)

### **ADAPTATION OF THE ATTITUDE TOWARD SUSTAINABLE DEVELOPMENT SCALE TO TURKISH**

Demirel Z. M. , Sungur S.

Ahi Evran Üniversitesi Kırşehir Eğitim Fakültesi Dergisi, vol.19, pp.1634-1648, 2018 (National Refreed University Journal)

### **Öğrenci Katılımı Ölçeği'nin Fen Bilimleri Dersi için Türkçe'ye Uyarlanması: Geçerlik ve Güvenirlik Çalışması**

Uçar F. M. , Sungur S.

e-İlköğretim Online (elektronik), vol.17, no.3, pp.1691-1705, 2018 (Other Refereed National Journals)

### **Investigating Relationships between Undergraduate Students' Flow Experience, Academic Procrastination Behavior, and Calculus Course Achievement**

ALP A., SUNGUR S.

- EURASIAN JOURNAL OF EDUCATIONAL RESEARCH, pp.1-21, 2017 (Journal Indexed in ESCI)  
**Predicting seventh grade students' engagement in science by their achievement goals**  
Hidirođlu M., SUNGUR S.
- Asia-Pacific Forum on Science Learning and Teaching, vol.16, 2015 (Refereed Journals of Other Institutions)  
**Developing preservice science teachers' self-determined motivation toward environment through environmental activities**  
Karaarslan G., Sungur S., Ertepinar H.  
International Journal of Environmental and Science Education, vol.9, pp.1-19, 2014 (Refereed Journals of Other Institutions)
- **A study of science teachers homework practices**  
TAŞ Y., SUNGUR S., ÖZTEKİN C.  
Research in Education, vol.91, pp.45-64, 2014 (Refereed Journals of Other Institutions)
- **Modeling the Interrelationships among Pre Service Science Teachers Understanding and Acceptance of Evolution Their Views on Nature of Science and Self Efficacy Beliefs Regarding Teaching Evolution**  
Akyol G., Öztekin C., Sungur S.  
Journal of Science Teacher Education, vol.23, pp.937-957, 2012 (Refereed Journals of Other Institutions)
- **Elementary Students' Scientific Epistemological Beliefs in Relation to Socio-Economic Status and Gender**  
Ozkal K., Tekkaya C., SUNGUR S., ÇAKIROĞLU J., ÇAKIROĞLU E.  
Journal of Science Teacher Education, vol.22, pp.115-127, 2011 (Journal Indexed in ESCI)
- **Elementary Students Self Efficacy Beliefs in Science Role of Grade Level Gender and SES**  
KARAARSLAN G., SUNGUR S.  
Science Education International, pp.72-79, 2011 (Refereed Journals of Other Institutions)
- **A cross Age Study of Elementary Students Motivation towards Science Learning**  
Güvercin Ö., Öztekin C., Sungur S.  
Hacettepe Üniversitesi Eğitim Fakültesi Dergisi, vol.39, pp.233-243, 2010 (National Refereed University Journal)
- **The Contribution of Cognitive and Metacognitive Strategy Use to Students Science Achievement**  
Akyol G., Öztekin C., Sungur S.  
Educational Research and Evaluation, vol.16, pp.1-21, 2010 (Refereed Journals of Other Institutions)
- **The Role of Classroom Environment Perceptions in Self-Regulated Learning and Science Achievement**  
Güngören S., Sungur S.  
Elementary Education Online, vol.8, pp.883-900, 2009 (Other Refereed National Journals)
- **An analysis of Turkish high school students' metacognition and motivation**  
SUNGUR S., Senler B.  
EDUCATIONAL RESEARCH AND EVALUATION, vol.15, pp.45-62, 2009 (Journal Indexed in ESCI)
- **The effect of grade level on elementary school students' motivational beliefs in science**  
Güngören S., Sungur S.  
International Journal of Learning, vol.16, pp.495-506, 2009 (Refereed Journals of Other Institutions)
- **Contribution of motivational beliefs and metacognition to students' performance under consequential and nonconsequential test conditions**  
SUNGUR S.  
Educational Research and Evaluation, vol.13, pp.127-142, 2007 (Journal Indexed in ESCI)
- **A Comparative Study on Pre Service Teachers and Elementary Students Attitude towards the Environment**  
Teksöz G., Sungur S., Öztekin C., Ertepinar H.  
International Research in Geographical and Environmental Education, vol.16, pp.188-198, 2007 (Refereed Journals of Other Institutions)
- **A Comparative Study on Pre Service Teachers and Elementary Students Attitude toward Environment**  
Teksöz G., Sungur S., Öztekin C., Ertepinar H.

International Research on Geographical and Environmental Education, vol.16, pp.188-198, 2007 (Refereed Journals of Other Institutions)

● **Turkish high school students biology achievement in relation to academic self regulation**

Yumuşak N., Sungur S., Çakıroğlu J.

Educational Research and Evaluation, vol.13, pp.53-69, 2007 (Refereed Journals of Other Institutions)

● **Environmental Attitudes of Young People in Turkey: Effects of School Type and Gender**

Teksöz G., Ertepinar H., Öztekin C., Sungur S.

● Environmental Education Research, vol.11, pp.215-233, 2005 (Refereed Journals of Other Institutions)

● **Ninth Grade Students Understanding of the Nature of Scientific Knowledge**

KILIÇ K., SUNGUR S., ÇAKIROĞLU J., TEKKAYA C.

● Hacettepe Üniversitesi Eğitim Fakültesi Dergisi, vol.28, pp.127-133, 2005 (Other Refereed National Journals)

● **Students' achievement in human circulatory system unit: The effect of reasoning ability and gender**

Sungur S., Tekkaya C.

● Journal Of Science Education And Technology, vol.12, pp.59-64, 2003 (Refereed Journals of Other Institutions)

● **The Contribution of Conceptual Change Texts Accompanied by Concept Mapping to Students Understanding of the Human Circulatory System**

Sungur S., Geban Ö., Öztekin C.

School Science and Mathematics, vol.101, pp.91-101, 2001 (Refereed Journals of Other Institutions)

## Books & Book Chapters

● **Analysing middle school students' perceptions of their science classroom in relation to attitudes and motivation**

ARISOY N., ÇAKIROĞLU J., SUNGUR S., TELLİ S.

in: Teachers Creating Context Based Learning Environments, R. Taconis, P. den Brok ve A. Pilot, Editor, Sense Publishers, Rotterdam, pp.173-190, 2016

## Refereed Congress / Symposium Publications in Proceedings

● **Non-Science Majors' Knowledge of Scientific Practices to Evaluate Scientific Reports in Popular Media: The Role of Media Literacy**

BEZCİ BİRCAN F., SUNGUR S.

The European Conference on Educational Research, Bolzano, Italy, 3 - 04 September 2018

● **Middle School Students' Scientific Reasoning Ability: Is it related to Classroom Learning Environment Perceptions?**

BEZCİ BİRCAN F., SUNGUR S.

The European Conference on Educational Research (ECER), Bolzano, Italy, 3 - 04 September 2018

● **Measuring students' emotions in science courses: The achievement emotions questionnaire- science**

BEZCİ BİRCAN F., SUNGUR S.

● International Congress on Education (ERPA 2018), İstanbul, Turkey, 28 June - 01 July 2018, pp.146-154

● **Effect of documentary films on students' attitude toward science**

BİRCAN H., SUNGUR S., BEZCİ BİRCAN F.

● International Congress on Education (ERPA 2018), İstanbul, Turkey, 28 June - 01 July 2018

● **Improving Middle School Students' Scientific Literacy through Science Writing Heuristic (SWH) Approach**

Şen M., Sungur S., Öztekin C.

● ERPA International Congress on Education, İstanbul, Turkey, 28 June - 01 July 2018, pp.170

● **Adaptation of Global Scientific Literacy Questionnaire in Turkish Context: Findings of Pilot Study**

Şen M., Sungur S., Öztekin C.

- ERPA International Congress on Education, İstanbul, Turkey, 28 June - 01 July 2018, pp.170  
**Gifted students' engagement in science classes**  
UÇAR F. M. , SUNGUR S.
- International Congress on Education (ERPA 2018), İstanbul, Turkey, 28 June - 01 July 2018, pp.211-216  
**Adaptation of Early Childhood Teacher Efficacy Scale into Turkish Culture: Findings from a Pilot Study**  
ALAÇAM N., SUNGUR S.
- 5th International Early Childhood Education Congress, 18 - 21 October 2017  
**Investigating the Link Between Turkish Science Teachers' Burnout and Their Motivation To Leave Teaching**  
KIRAN D., SUNGUR S.
- The European Conference on Educational Research (ECER), 21 - 25 August 2017  
**A Multilevel Investigation of Science Achievement: The Role of Learning Environment and Teacher Effectiveness**  
YERDELEN S., SUNGUR S.
- The European Conference on Educational Research (ECER), 21 - 25 August 2017  
**Effect of Documentary Films on Students' Epistemological Beliefs**  
BİRCAN H., SUNGUR S.
- International History, Philosophy, and Science Teaching (IHPST) Biennial Conference, 4 - 07 July 2017  
**Adapting Attitudes Toward Sustainable Development Scale to Turkish: Preliminary Findings**  
DEMİREL Z. M. , SUNGUR S.
- 8th International Congress on New Trends in Education – ICONTE, 18 - 20 May 2017  
**STEM Alanlarına Yönelik Meslek Seçimini Etkileyen Faktörlerin Beklenti Değer Kuramı Çerçevesinde İncelenmesi Motive Edilmiş Davranış Tercihi Modeli**  
GÜLER F., SUNGUR S., ÖZTEKİN C.
- XII. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi, Turkey, 28 - 30 September 2016  
**Development and Validation of the Intention to Integrate Nature of Science Questionnaire**  
Akyol G., Öztekin C., Sungur S.
- NARST Annual International Conference, Maryland, United States Of America, 14 - 17 April 2016  
**Improving Nature of Science Understanding Through History of Science Instruction Contextualized Explicit and Reflective Approach**  
Cansız M., Sungur S., Öztekin C.
- International Teacher Education Conference, Dubai, United Arab Emirates, 4 - 06 February 2016  
**A Study on the Relationships among School Goal Structures Science Teacher Self Efficacy and Job Satisfaction**  
KIRAN D., SUNGUR S.
- The European Conference on Educational Research (ECER), Budapest, Hungary, 8 - 11 September 2015  
**The Influence of Science Teachers on the Quality of Classroom Learning Environment A Multilevel Investigation**  
YERDELEN S., SUNGUR S.
- The European Conference on Educational Research (ECER), 8 - 11 September 2015  
**Examination of pre-service science teachers' perceptions and understanding of evolution in relation to socio-demographic variables**  
Akyol G., Tekkaya C., SUNGUR S.
- 2nd World Conference on Learning, Teaching and Educational Leadership (WCLTA), İstanbul, Turkey, 28 - 30 October 2011, vol.31, pp.167-172  
**The contribution of understandings of evolutionary theory and nature of science to pre-service science teachers' acceptance of evolutionary theory**  
Akyol G., Tekkaya C., SUNGUR S.
- 1st World Conference on Learning, Teaching and Administration (WCLTA), Cairo, Egypt, 29 - 31 October 2010, vol.9



- **Pre-service science teachers' teaching self-efficacy: a case from Turkey**  
ŞENLER B., SUNGUR S.  
1st World Conference on Learning, Teaching and Administration (WCLTA), Cairo, Egypt, 29 - 31 October 2010, vol.9
- **A canonical analysis of teachers sense of efficacy and teacher self regulation**  
ÇAPA AYDIN Y., SUNGUR S., UZUNTİRYAKI E.  
Annual meeting of the American Educational Research Association (AERA), New-York, United States Of America, 24 - 28 March 2008, pp.1
- **A study on students' abilities to solve algorithmic and conceptual problems on chemistry concepts**  
Alp E., Yilmaz A., Ertepinar H., Sungur S., Tekkaya C.  
230th National Meeting of the American-Chemical-Society, Washington, Kiribati, 28 August - 01 September 2005, vol.230
- **Students' achievement in matter concepts: A cross-age study.**  
Ertepinar H., Yilmaz A., Sungur S., Tekkaya C.  
Meeting of the Division of Chemical Toxicology of the American-Chemical-Society held at the 228th National Meeting of the American-Chemical-Society, Pennsylvania, United States Of America, 22 - 26 August 2004, vol.228

## Supported Projects

- SUNGUR S., ŞEN M., ÖZTEKİN C., Project Supported by Higher Education Institutions, Küresel Fen Okuryazarlığı Ölçeği'nin Türkçe'ye Uyarlanması: Geçerlilik ve Güvenilirlik Çalışması, 2017 - 2017
- SUNGUR S., Project Supported by Higher Education Institutions, Öğrencilerin Ödevle İlgili Öz Düzenleme Becerilerinin Ve Öğretmenlerin Ödev Uygulamalarının Araştırılması, 2011 - 2011

## Activities in Scientific Journals

Learning and Individual Differences, Committee Member, 2019 - Continues

## Scientific Refereeing

- LEARNING AND INDIVIDUAL DIFFERENCES, Journal Indexed in SSCI, October 2019
- EDUCATIONAL STUDIES, Journal Indexed in SSCI, June 2019
- LEARNING AND INDIVIDUAL DIFFERENCES, Journal Indexed in SSCI, May 2019
- SCANDINAVIAN JOURNAL OF EDUCATIONAL RESEARCH, Journal Indexed in SSCI, January 2019
- Eurasian Journal of Educational Research, Journal Indexed in ESCI, August 2018
- Asia-Pacific Forum on Science Teaching and Learning, Other Indexed Journal, May 2018
- Learning and Individual Differences, Journal Indexed in SSCI, April 2018
- Ege Üniversitesi Eğitim Fakültesi Ege Eğitim Dergisi, National Scientific Refreed Journal, April 2018
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